From: Juarez, Catherine L
Sent: Wednesday, September 20, 2017 3:34 PM
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Subject: Monthly Technical Summary August 17, 2017 - September 20, 2017

Linked below is the written monthly technical summary August 17, 2017 - September 20, 2017. Summaries are due the third Wednesday of each month. The Permittees are submitting the attached information pursuant to: Section 19 of the May 19, 2014, *Administrative Order;* the letters from NMED dated July 10, 2014; April 27, 2015; May 8, 2015; and August 12, 2015 regarding *Modification to May 19, 2014, Administrative Order*; and Section X of the *LANL Nitrate Salt-Bearing Waste Container Isolation Plan, Revision 8,* approved on April 20, 2017.

Click on the link below to download the associated file using your web browser.

1. NMED monthly written summary Sept 20, 2017.pdf (31.3 MB)

Please remember the following:

- **Be wary of unexpected files as they may contain malware.**
- Files are automatically deleted 10 days after being uploaded.
- There is no need to reply to this automatically-generated notice.

Cathy Juarez for
Mark Haagenstad
EPC-CP
Office: (505) 665-2014
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NMED / LANL Technical Summary

August 17, 2017 – September 20, 2017

Participants:

- New Mexico Environment Department: Neelam Dhawan and Siona Briley.
- LANL- NNSA – Los Alamos Field Office: Jordan Arnswald.
- LANL – Los Alamos National Security: Mark Haagenstad, Luciana Vigil-Holterman, Lydia Martinez and Cathy Juarez.

LANL Technical Update:

- **Location of Nitrate Salt-Bearing Wastes**
  - Remediated nitrate salt-bearing waste containers (56 55-gallon containers, and 4 85-gallon overpacked POCs).
    - Ten 55- gallon containers are storage in the refrigerator attached to the 375 Permacon.
      - Two of these containers will be transported to the Waste Characterization Reduction and Repackaging Facility (WCRRF) for storage this morning.
    - One container is located in the refrigerator within the WCRRF.
    - 38 remediated nitrate salt-bearing waste containers have been treated since May 18, 2017.
      - One remediated nitrate salt-bearing waste container is attached to the glovebox at WCRRF and waste is undergoing treatment.
    - All other containers (10) remain in the 375 Permacon.
      - Two of these containers will be denested and placed into storage in the refrigerator attached to the 375 Permacon late today.

- **Monitoring - Daily Temperature**
  - Temperatures are currently below 75 °F.
    - Data for the previous month is attached including monitoring in the 375 Permacon, the refrigerator attached to the 375 Permacon, and the refrigerator in WCRRF.

- **Monitoring – Visual Inspections**
  - No abnormal conditions were observed.

- **Monitoring – headspace gas (HSG)**
  - Daily HSG data for 68685 and 69490 (formerly overpacked into SB50522) has ended, as both containers have been treated.
  - Other containers:
    - A minimum of once per month HSG sampling is conducted on 55-gallon drums or overpack containers.
      - Through September 19, 2017 HSG sampling is complete for the month on 22 containers and data is attached (H_2, CO, CO_2 and N_2O).

- **Additional measures currently underway**
    - Twice-weekly HSG sample collection on 55-gallon drums of remediated nitrate salt-bearing waste.
        - HSG data (H_2, CO, CO_2, CH_4 and N_2O) attached for August 2017 and September 2017.
        - As of September 19, 2017 there are no more containers within this popution.
    - Graphical depictions of HSG data are attached for the container required to be sampled daily and the five other containers that were sampled twice weekly as additional measures.
        - CO_2 values are adjusted by the quantity of CO_2 in the field blank (i.e., the amount of CO_2 in the air when the sample is taken is subtracted from the CO_2 reading within the container). No other adjustments are made to the data.
        - The date of treatment is denoted at the top of the graph for the containers that are no longer sampled.

- **Anticipated Changes to Nitrate Salt-Bearing Waste Containers (e.g. movement, re-packaging)**
    - Activities conducted as needed:
        - Denesting from overpack containers
        - Movement to and storage in the refrigerator attached to the 375 Permacon
        - Shipment to WCRRF
        - Storage of containers within the refrigerator at WCRRF
        - Treatment/Segregation of waste

Other:

Next Call: Wednesday, October 18, 2017

Summary Chart - Requested Information / Pending Issues:

	Requested Information	Actionee	Status	Completion Date
1.	NMED contact / process for LANL to notify NMED under the Revised Isolation Plan (e.g., 24 hour notices).	NMED	---	Complete June 5, 2014
2.	Keep NMED informed on the status of on-going chemistry / analytical work.	LANL	---	Complete June 9, 2014
3.	On upcoming daily call, provide additional discussion on the potential for liquids in the 350 post-1991 cemented containers (including a discussion of the review of RTR tapes).	LANL	---	Complete July 6, 2014 (Discussion on call) July 18, 2014 (Meeting held)
4.	On upcoming call, provide additional discussion on why 231 and 375 Permacon fire suppression systems are not part of the LANL RCRA Hazardous Waste Facility Permit Contingency Plan.	LANL	---	Complete June 5, 2014
5.	Send copy of June 4, 2014 written daily submission to Trais Kliphuis. Also, include her on future daily submissions.	LANL	---	Complete June 5, 2014
6.	Provide LANL procedures and example records associated with post-1991 TA-55 cementation process discussed on June 6.	LANL	---	Complete July 3, 2014
7.	Provide information on numbers of containers in the post-1991 cemented waste streams from the TA-55 process discussed on June 6. This should include numbers regarding RTR status (RTR'd, meet WIPP criteria, requiring remediation).	LANL	---	Complete June 17, 2014 (Supplemental Info provided July 3)
8.	Provide RTR video and pre-screening information associated with those containers requiring remediation from the post-1991 cemented waste streams from the TA-55 process discussed on June 6.	LANL	---	Complete July 3, 2014
9.	Provide copy of CCP/LANL Interface Document.	LANL	---	Complete June 9, 2014
10.	Provide a list of the analytes for which LANL is sampling HSG (CO_2 and LFL analytes).	LANL	---	Complete June 11, 2014
11.	Discuss potential sampling of HSG for NO_x.	LANL	---	Complete June 16, 2014

	Requested Information	Actionee	Status	Completion Date
12.	Follow-up with Tim Hall regarding LANL Hazardous Waste Facility Permit and procedures that LANL is developing for possible future sampling of empty parent containers and unremediated nitrate salt-bearing containers at LANL.	LANL	---	Complete Empty Parent June 16, 2014 Unremediated August 14, 2014 (Supplemental information discussed on sampling of parent containers) August 26, 2014 (Letter on applicability of LANL HWFP for opening waste containers)

13.	Respond to NMED email request for information associated with the nitrate salt-bearing parent and daughter waste containers. WIPP Recovery Daily Meeting Action List item #84 – NMED requested a copy of the LANL remediation records for waste stored in Panel 6 (Trais Kliphuis) – is a subset of the information in item 5 of this action.	LANL	---	Complete July 9, 2014 (Letter sent addressing items 1-4 and 6-9 of the email request) July 17, 2014 (Letter sent with updated spreadsheet) August 7, 2014 (First submittal in response to item 5) August 14, 2014 (Letter addressing items 2 & 8 - Second submittal in response to item 5) August 18, 2014 (Third submittal in response to item 5) August 21, 2014 (Fourth submittal in response to item 5) August 27, 2014 (Fifth submittal in response to item 5) September 4, 2014 (Sixth submittal in response to item 5) September 9, 2014 (Seventh submittal in response to item 5) September 11, 2014 (Eighth submittal in response to item 5) September 22, 2014 (Ninth submittal in response to item 5) September 23, 2014 (Tenth submittal in response to item 5) October 1, 2014 (Eleventh submittal in response to item 5) October 8, 2014 (Twelfth submittal in response to item 5) October 16, 2014 (Thirteenth submittal in response to item 5) October 23, 2014 (Fourteenth submittal in response to item 5) October 27, 2014 (Fifteenth submittal in response to item 5) October 28, 2014 (Sixteenth submittal in response to item 5) November 3, 2014 (Seventeenth submittal in response to item 5)

	Requested Information	Actionee	Status	Completion Date
14.	NMED will review the Round Sheets (provided in June 11 summary) and inform LANL if these should be attachments to the Revised Plan, or if they fall under the provision in Section I of the Revised Isolation Plan and their identification during this technical call is sufficient.	NMED	NMED has reviewed Round Sheets – no comments / direction at this time. NMED will address any comments in their formal response to Revised Container Isolation Plan.	Complete June 23, 2014
15.	NMED has requested 'copies of any waste processing, treatment, characterization stop orders issued since Feb 14, 2014.'	LANL	---	Complete June 13, 2014 (Included w/ daily summary) June 16, 2014 (Discussed current TA-54 & WCRRF operations)
16.	NMED requested information on the location of drums 68327 and 68328. Request made June 14.	LANL	---	Complete June 14, 2014
17.	Update on LANL efforts – including LANL teams. (On June 20 call, LANL offered to schedule an update meeting).	LANL / NMED	---	Complete July 2, 2014
18.	Neutralizer use in association with container S855793 (parent of 68660 and 68685).	LANL	---	Complete June 25, 2014
19.	List of nitrate salt-bearing waste containers that LANL records indicate contain absorbed liquids with the same neutralizer, as discussed during June 25 technical call.	LANL	---	Complete September 30, 2014 (with August 26, 2014 response)
20.	Schedule follow-on update on LANL efforts – including teams.	LANL / NMED	---	Complete August 14, 2014 (Meeting held)
21.	NMED requested information on document approval / review (as discussed on July 3 call).	LANL	---	Complete July 29, 2014
22.	What analyses will be conducted on samples taken from empty drums that previously contained nitrate salt-bearing waste.	LANL	---	Complete July 7, 2014

	Requested Information	Actionee	Status	Completion Date
23.	NMED requested the following information on cemented waste containers generated from TA-55, that are currently stored above-ground at Area G: container id number; location; form (cans or monoliths); and type of concrete. Additionally, NMED requested information on pH adjustment during waste generation process, and information on anticipated pH of free liquids (and rationale).	LANL	---	Complete July 17, 2014 (Letter sent w/ information) July 18, 2014 (Meeting held)
24.	NMED requested the procedure for sampling empty parent drums that previously contained nitrate salt-bearing waste.	LANL	EP-AREAG-WO-DOP-1245 is included in Enclosure 1 to LANL's July 3, 2014 *Response to Request for Information on Management of Waste at LANL*.	Complete July 8, 2014
25.	NMED requested an additional discussion on a future technical call regarding CO_2, including data.	LANL	---	Complete August 14, 2014 (Meeting held)
26.	NMED requested additional discussion on CIN-01 waste containers and absorbent, including confirmation and extent of use.	LANL	---	Complete July 18, 2014 (Meeting held)
27.	NMED requested historic analytical information on pH of liquids associated with gypsum cemented waste.	LANL	---	Complete August 7, 2014
28.	NMED requested link to pdf of Actinide Quarterly edition (3rd Q 2008).	LANL	---	Complete July 21, 2014
29.	NMED requested a copy of lessons learned	LANL	---	Complete August 11, 2014
30.	NMED request regarding empty drum sampling presentation.	LANL	Presentation is a pre-decisional draft/working document not for external release	August 25, 2014
31.	Respond to NMED email request dated 8/12/2014 for information associated with the nitrate salt-bearing waste containers.	LANL	---	Complete September 11, 2014
32.	NMED request regarding technical presentation.	LANL	Presentation is a pre-decisional draft/working document not for external release	August 25, 2014

	Requested Information	Actionee	Status	Completion Date
33.	NMED request regarding literature review of catalytic reactions.	LANL	Literature review is a pre-decisional draft/working document not for external release	August 25, 2014
34.	LANL requested to schedule a meeting with NMED on remediation planning and schedules.	LANL / NMED	---	Complete September 29, 2014 (meeting held)
35.	Schedule a third update on LANL efforts – including teams.	LANL / NMED	---	Complete October 20, 2014
36.	NMED request regarding LANL Causal Analysis associated with processing of nitrate salt-bearing waste at WCRRF – when document is Final.	LANL	Document is currently Draft and will remain draft.	Closed November 19, 2015 Meeting with NMED-HWB personnel discussed that information in the Technical Assessment Report and the DOE Phase II Investigation Report were sufficient for closure.
37.	NMED requested a diagram illustrating the current locations within the 375 Permacon of the 55 SWBs that contain the 57 remediated nitrate salt-bearing waste containers. NMED also requested a list of these 55 SWBs and the waste drums within each SWB (including the container numbers and waste stream type).	LANL	---	Complete October 27, 2014 (Diagram submitted) November 3, 2014 (Table submitted) November 20, 2014 (Revised table submitted)

	Requested Information	Actionee	Status	Completion Date
38.	NMED requested documentation regarding CIN01.001 waste containers that are not part of the September 19, 2014 Nitrate Salts-Bearing Waste Container Isolation Plan, Revision 2.	LANL	In Progress LANL will submit this documentation in batches as it is becomes available.	Submitted 100 out of 586 RTRs and documentation on October 3, 2014. Submitted documentation for 101-200 containers on October 10, 2014. Submitted documentation for 201-300 containers on October 16, 2014. Submitted documentation for 301-400 containers on October 23, 2014. Submitted documentation for 401-500 containers on October 27, 2014. Submitted documentation for 501-586 containers on November 12, 2014. Submitted RTR Videos 101-150 on November 12, 2014. Submitted RTR Videos 151-200 on November 20, 2014. Submitted RTR Videos 201-250 on December 1, 2014. Submitted RTR Videos 251-300 on December 19, 2014. Submitted RTR Videos 301-312 on January 15, 2015.
39.	NMED requested a diagram of the location of the thermocouples on 68685 and SB50522.	LANL	---	Complete October 27, 2014
40.	NMED requested a copy of the safety basis document for remediation planning when it is finalized.	LANL	Document is currently in Draft and final path has not yet been determined.	Closed. November 19, 2015 meeting with NMED-HWB personnel.

	Requested Information	Actionee	Status	Completion Date
41.	Trending and correlation of temperature and HSG monitoring data.	LANL	---	Complete November 19, 2015 HSG data modeling report to be included with the LANL Isolation Plan and graphical depitions of HSG data and temperature will be included with monthly submittals starting in December 2015.
42.	Schedule a fourth update on LANL efforts – including teams.	LANL/ NMED	---	Complete November 3, 2014
43.	Schedule a fifth update on LANL efforts – including teams.	LANL/ NMED	---	Complete November 20, 2014
44.	Schedule a sixth update on LANL efforts – including teams.	LANL/ NMED	---	Complete December 9, 2014
45.	NMED requested documentation regarding CIN01 drums.	LANL	---	Complete Email- February 3, 2015 Letter- February 19, 2015
46.	NMED requested documentation regarding duplicate drum number.	LANL	---	Complete May 6, 2015
47.	NMED requested the ESS plan for temperature control and sampling once finalized.	LANL	---	Closed November 19, 2015 meeting with NMED-HWB personnel.
48.	Schedule a seventh update on LANL efforts – including teams.	LANL/ NMED	---	Complete January 29, 2015
49.	Fire suppression repair plan for Dome 231	LANL	---	This repair plan is no longer necessary because drum movement did not occur during the repair process. Repair is complete.

	Requested Information	Actionee	Status	Completion Date
50.	NMED requested information regarding solution packages 36, 37, 57 and 78.	LANL	---	Complete. Email – February 17, 2015. Letter- March 19, 2015.
51.	NMED requested copies of any procedures regarding cementation in bags.	LANL	---	March 19, 2015 Confirmation that no specific procedure can be located for cementation in bags.
52.	NMED requested information on the percentage of the 55 SWBs that, based on SWB HSG data, appear to have chemical reactions occurring within the waste.	LANL	---	Complete. Discussed during technical meeting on April 16, 2015. Email follow-up on April 20, 2015.
53.	NMED requested the document "TA-55 Cement Fixation Drum Logbook" referenced in the CCP AK document.	LANL	---	Complete. Included with April 24, 2015 Response to Request for Information.
54.	NMED requested summary sheet for HSG data.	LANL	---	Complete April 9, 2015.
55.	NMED requested additional discussion on engineering options for cooling in Summer months.	LANL	---	Complete. Discussed during technical meeting on April 16, 2015.
56.	NMED requested references in Technical Assessment Team report Waste Isolation Pilot Plant (WIPP): Chemical Reactivity and Recommended Remediation Strategy for Los Alamos Remediated Nitrate Salt (RNS) Wastes.	LANL	---	Complete April 9, 2015.
57.	Schedule an eighth LANL update meeting to continue technical discussions associated with remediation options, planning and other topics of interest.	LANL/ NMED	---	Complete April 16, 2015.

Remediated Nitrate Salt Container Headspace Gas Analysis

	68685 - 68685					69553 - 69553					69615 - 69615					69616 - 69616				
Date	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm
08/16/17																				
08/17/17						315	1498	30286	4661	20										
08/18/17																				
08/19/17																				
08/20/17																				
08/21/17						290	1201	23913	3628	16										
08/22/17																				
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08/24/17						229	933	17018	2480	25										
08/25/17																				
08/26/17																				
08/27/17																				
08/28/17						257	848	16239	2256	14										
08/29/17																				
08/30/17																				
08/31/17						279	854	15558	2055	12										
09/01/17																				
09/02/17																				
09/03/17																				
09/04/17																				
09/05/17						278	796	14467	1805	24										
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09/07/17						265	751	13134	1557	25										
09/08/17																				
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09/10/17						293	894	14124	1721	17										
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09/14/17						245	765	13492	1655	12										
09/15/17																				
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09/17/17																				
09/18/17						246	687	13086	1539	10										
09/19/17																				

Shading indicates the drum has been treated and gas sampling is no longer performed.

Remediated Nitrate Salt Container Headspace Gas Analysis

	SB50069 - 69208					SB50452 - 69076					SB50522 - 69490					68430 - 68430				
Date	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm
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Shading indicates the drum has been treated and gas sampling is no longer performed.

Remediated Nitrate Salt Container Headspace Gas Analysis

	68507 - 68507					70503 - 68540					70503 - 68553					68567 - 68567				
Date	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm
08/16/17																				
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Shading indicates the drum has been treated and gas sampling is no longer performed.

Remediated Nitrate Salt Container Headspace Gas Analysis

	68624 - 68624					68631 - 68631					68638 - 68638					69013 - 69013				
Date	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm
08/16/17	49	390	4030	711	0															
08/17/17																				
08/18/17																				
08/19/17																				
08/20/17																				
08/21/17	43	258	2720	509	0															
08/22/17	45	164	2461	437	0															
08/23/17	43	153	2382	447	0															
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Shading indicates the drum has been treated and gas sampling is no longer performed.

Remediated Nitrate Salt Container Headspace Gas Analysis

	69015 - 69015					69036 - 69036					69298 - 69298					69445 - 69445				
Date	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm
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09/17/17																				
09/18/17																				
09/19/17						97	89	436	231	0										

Shading indicates the drum has been treated and gas sampling is no longer performed.

Remediated Nitrate Salt Container Headspace Gas Analysis

	69519 - 69519					69520 - 69520					69548 - 69548					69559 - 69559				
Date	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm
08/16/17																				
08/17/17																				
08/18/17																				
08/19/17																				
08/20/17																				
08/21/17																				
08/22/17																				
08/23/17																				
08/24/17																				
08/25/17																				
08/26/17																				
08/27/17																				
08/28/17																				
08/29/17																				
08/30/17																				
08/31/17																				
09/01/17																				
09/02/17																				
09/03/17																				
09/04/17																				
09/05/17																				
09/06/17						162	502	7532	2533	0										
09/07/17																153	680	9166	2993	8
09/08/17																				
09/09/17																				
09/10/17	333	1073	16536	4865	12															
09/11/17											16	0	1739	233	0					
09/12/17																273	1059	16129	5260	9
09/13/17																				
09/14/17						160	433	7291	2500	0										
09/15/17																				
09/16/17																				
09/17/17																				
09/18/17																				
09/19/17											11	0	1607	198	0					

Shading indicates the drum has been treated and gas sampling is no longer performed.

Remediated Nitrate Salt Container Headspace Gas Analysis

	69568 - 69568					69598 - 69598					69604 - 69604					69618 - 69618				
Date	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm
08/16/17																				
08/17/17																				
08/18/17																				
08/19/17																				
08/20/17																				
08/21/17																				
08/22/17																				
08/23/17																				
08/24/17																				
08/25/17																				
08/26/17																				
08/27/17																				
08/28/17																				
08/29/17																				
08/30/17																				
08/31/17																				
09/01/17																				
09/02/17																				
09/03/17																				
09/04/17																				
09/05/17																				
09/06/17						39	0	1804	89	0										
09/07/17																				
09/08/17																				
09/09/17																				
09/10/17											434	1040	16274	5580	21					
09/11/17																				
09/12/17																				
09/13/17																				
09/14/17						39	0	1735	60	0										
09/15/17																				
09/16/17																				
09/17/17																				
09/18/17																				
09/19/17																				

Shading indicates the drum has been treated and gas sampling is no longer performed.

Remediated Nitrate Salt Container Headspace Gas Analysis

	69620 - 69620					69630 - 69630					69633 - 69633					69634 - 69634				
Date	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm
08/16/17																				
08/17/17						445	1084	16285	1619	10						113	45	1802	250	0
08/18/17																				
08/19/17																				
08/20/17																				
08/21/17						378	852	13832	1259	19										
08/22/17						474	983	15173	1402	15										
08/23/17						461	949	14187	1301	13										
08/24/17																				
08/25/17																				
08/26/17																				
08/27/17																				
08/28/17																				
08/29/17																				
08/30/17																				
08/31/17																				
09/01/17																				
09/02/17																				
09/03/17																				
09/04/17																				
09/05/17																				
09/06/17																				
09/07/17																				
09/08/17																				
09/09/17																				
09/10/17																				
09/11/17																				
09/12/17																				
09/13/17																				
09/14/17																				
09/15/17																				
09/16/17																				
09/17/17																				
09/18/17																				
09/19/17																				

Shading indicates the drum has been treated and gas sampling is no longer performed.

Remediated Nitrate Salt Container Headspace Gas Analysis

	69635 - 69635					69636 - 69636					69637 - 69637					69638 - 69638				
Date	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm
08/16/17																				
08/17/17											229	1163	13046	3681	10	479	1403	18301	2678	20
08/18/17																				
08/19/17																				
08/20/17																				
08/21/17											223	1101	12133	3440	11					
08/22/17																				
08/23/17																				
08/24/17																				
08/25/17																				
08/26/17																				
08/27/17																				
08/28/17																526	909	10878	2061	18
08/29/17																				
08/30/17											212	717	6900	1939	10					
08/31/17																				
09/01/17																				
09/02/17																				
09/03/17																				
09/04/17																				
09/05/17																				
09/06/17																				
09/07/17																				
09/08/17																				
09/09/17																				
09/10/17																				
09/11/17																				
09/12/17																				
09/13/17																				
09/14/17																				
09/15/17																				
09/16/17																				
09/17/17																				
09/18/17																				
09/19/17																				

Shading indicates the drum has been treated and gas sampling is no longer performed.

Remediated Nitrate Salt Container Headspace Gas Analysis

	69639 - 69639					69641 - 69641					69642 - 69642					69644 - 69644				
Date	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm
08/16/17																				
08/17/17																				
08/18/17																				
08/19/17																				
08/20/17																				
08/21/17	184	569	11812	796	0															
08/22/17																260	472	5111	832	12
08/23/17																				
08/24/17																				
08/25/17																				
08/26/17																				
08/27/17																				
08/28/17																259	420	4750	788	13
08/29/17																				
08/30/17																				
08/31/17																				
09/01/17																				
09/02/17																				
09/03/17																				
09/04/17																				
09/05/17																				
09/06/17																				
09/07/17																				
09/08/17																				
09/09/17																				
09/10/17																				
09/11/17																				
09/12/17																				
09/13/17																				
09/14/17	167	249	4391	280	0															
09/15/17																				
09/16/17																				
09/17/17																				
09/18/17																				
09/19/17																				

Shading indicates the drum has been treated and gas sampling is no longer performed.

Remediated Nitrate Salt Container Headspace Gas Analysis

	69645 - 69645					93605 - 93605					94068 - 94068					94227 - 94227				
Date	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm
08/16/17																				
08/17/17																				
08/18/17																				
08/19/17																				
08/20/17																				
08/21/17																				
08/22/17																				
08/23/17	275	1009	17587	2822	8															
08/24/17																				
08/25/17																				
08/26/17																				
08/27/17																				
08/28/17																				
08/29/17																				
08/30/17																				
08/31/17																				
09/01/17																				
09/02/17																				
09/03/17																				
09/04/17																				
09/05/17																				
09/06/17																				
09/07/17																				
09/08/17																				
09/09/17																				
09/10/17																				
09/11/17						373	1255	19292	5861	20	543	1747	29888	6907	20					
09/12/17																				
09/13/17																				
09/14/17	261	505	9398	1309	0															
09/15/17																				
09/16/17																				
09/17/17																				
09/18/17																				
09/19/17																				

Shading indicates the drum has been treated and gas sampling is no longer performed.

Remediated Nitrate Salt Container Headspace Gas Analysis

	SB02198 - 68408					SB02203 - 92669					SB50073 - 69079					SB50418 - 69595				
Date	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm
08/16/17																				
08/17/17																				
08/18/17																				
08/19/17																				
08/20/17																				
08/21/17																				
08/22/17																				
08/23/17																				
08/24/17																				
08/25/17																				
08/26/17																				
08/27/17																				
08/28/17																				
08/29/17																				
08/30/17																				
08/31/17																				
09/01/17																				
09/02/17																				
09/03/17																				
09/04/17																				
09/05/17																				
09/06/17																				
09/07/17																				
09/08/17																				
09/09/17																				
09/10/17																				
09/11/17																230	862	14598	1686	20
09/12/17																				
09/13/17																				
09/14/17																				
09/15/17																				
09/16/17																				
09/17/17																				
09/18/17																				
09/19/17																241	898	14314	1695	16

Shading indicates the drum has been treated and gas sampling is no longer performed.

Remediated Nitrate Salt Container Headspace Gas Analysis

	SB50431 - 69280					SB50442 - 68648					SB50443 - 69183					SB50448 - 69491				
Date	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm
08/16/17																				
08/17/17																				
08/18/17																				
08/19/17																				
08/20/17																				
08/21/17																				
08/22/17																				
08/23/17																				
08/24/17																				
08/25/17																				
08/26/17																				
08/27/17																				
08/28/17																				
08/29/17																				
08/30/17											620	1047	11103	1970	23					
08/31/17																				
09/01/17																				
09/02/17																				
09/03/17																				
09/04/17																				
09/05/17																				
09/06/17																				
09/07/17																826	1693	24307	3946	22
09/08/17																				
09/09/17																				
09/10/17																				
09/11/17																				
09/12/17																				
09/13/17																				
09/14/17																				
09/15/17																				
09/16/17																				
09/17/17																				
09/18/17																				
09/19/17																				

Shading indicates the drum has been treated and gas sampling is no longer performed.

Remediated Nitrate Salt Container Headspace Gas Analysis

	SB50451 - 69361					SB50529 - 68665					SB50559 - 92459					SB50559 - 92472				
Date	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm	H_2 ppm	CO ppm	CO_2 ppm	N_2O ppm	CH_4 ppm
08/16/17																				
08/17/17																70	85	1927	115	0
08/18/17																				
08/19/17																				
08/20/17																				
08/21/17																				
08/22/17																				
08/23/17						222	706	10041	1284	13										
08/24/17																				
08/25/17																				
08/26/17																				
08/27/17																				
08/28/17																				
08/29/17	220	702	9044	1084	7															
08/30/17																				
08/31/17																				
09/01/17																				
09/02/17																				
09/03/17																				
09/04/17																				
09/05/17																				
09/06/17																				
09/07/17	190	437	5278	613	9															
09/08/17																				
09/09/17																				
09/10/17	143	254	3787	495	10															
09/11/17																				
09/12/17																				
09/13/17																				
09/14/17																				
09/15/17																				
09/16/17																				
09/17/17																				
09/18/17																				
09/19/17						203	371	3883	433	14										

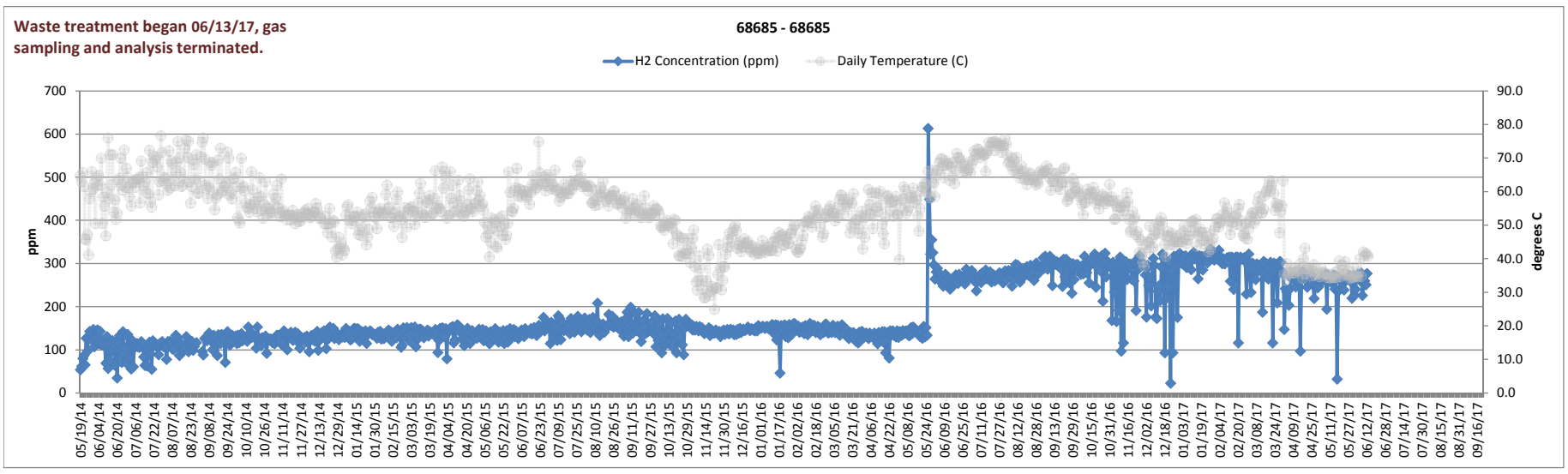
Shading indicates the drum has been treated and gas sampling is no longer performed.

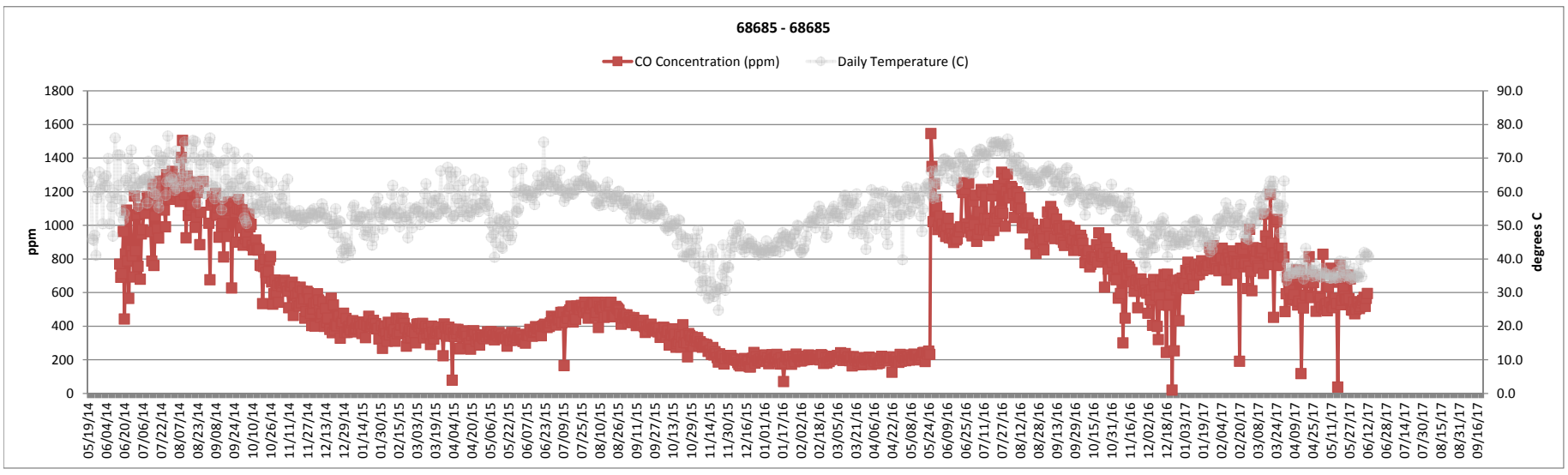
Remediated Nitrate Salt Container Headspace Gas Analysis

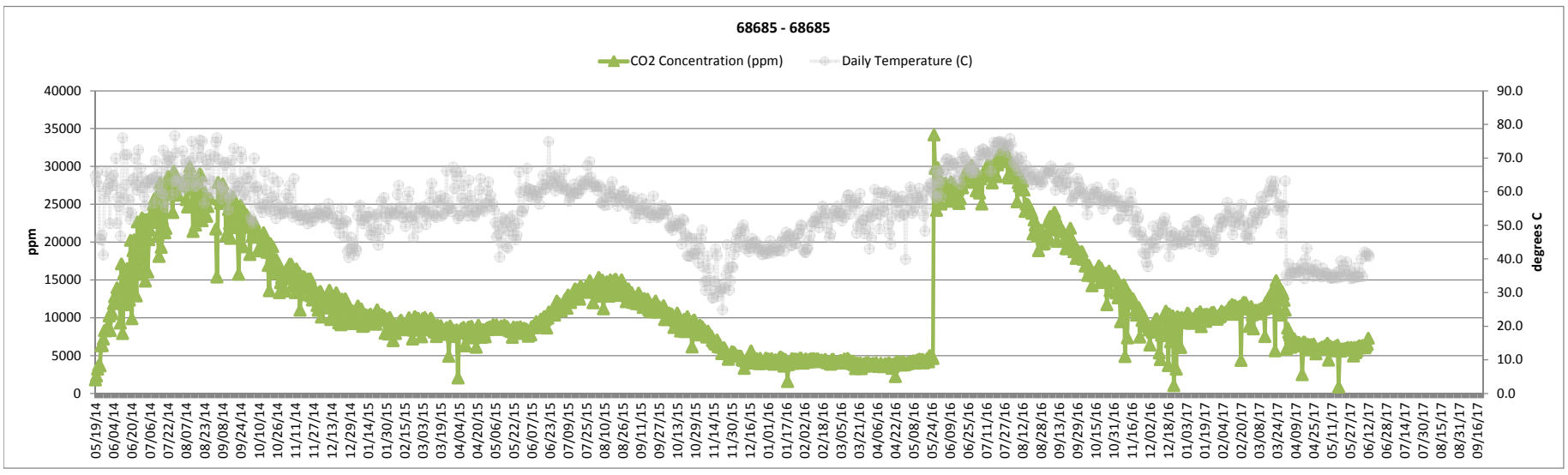
	87823					87825					87826					87827				
Date	**H_2 ppm**	**CO ppm**	**CO_2 ppm**	**N_2O ppm**	**CH_4 ppm**	**H_2 ppm**	**CO ppm**	**CO_2 ppm**	**N_2O ppm**	**CH_4 ppm**	**H_2 ppm**	**CO ppm**	**CO_2 ppm**	**N_2O ppm**	**CH_4 ppm**	**H_2 ppm**	**CO ppm**	**CO_2 ppm**	**N2O ppm**	**CH4 ppm**
08/16/17																				
08/17/17																				
08/18/17																				
08/19/17																				
08/20/17																				
08/21/17																				
08/22/17																				
08/23/17																				
08/24/17																				
08/25/17																				
08/26/17																				
08/27/17																				
08/28/17																				
08/29/17																				
08/30/17																				
08/31/17																				
09/01/17																				
09/02/17																				
09/03/17																				
09/04/17																				
09/05/17																				
09/06/17	155	186	4117	810	0	159	273	5468	1152	0	191	357	7700	1410	0	43	111	2920	365	0
09/07/17																				
09/08/17																				
09/09/17																				
09/10/17																				
09/11/17																				
09/12/17																				
09/13/17																				
09/14/17																				
09/15/17																				
09/16/17																				
09/17/17																				
09/18/17																				
09/19/17																				

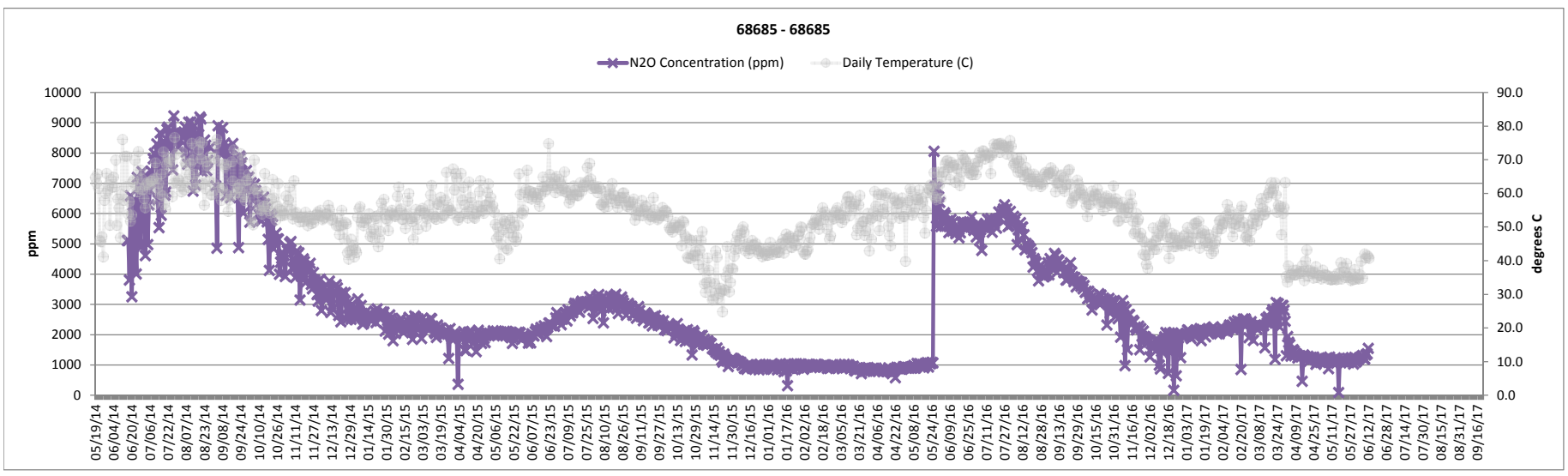
Shading indicates the drum has been treated and gas sampling is no longer performed.

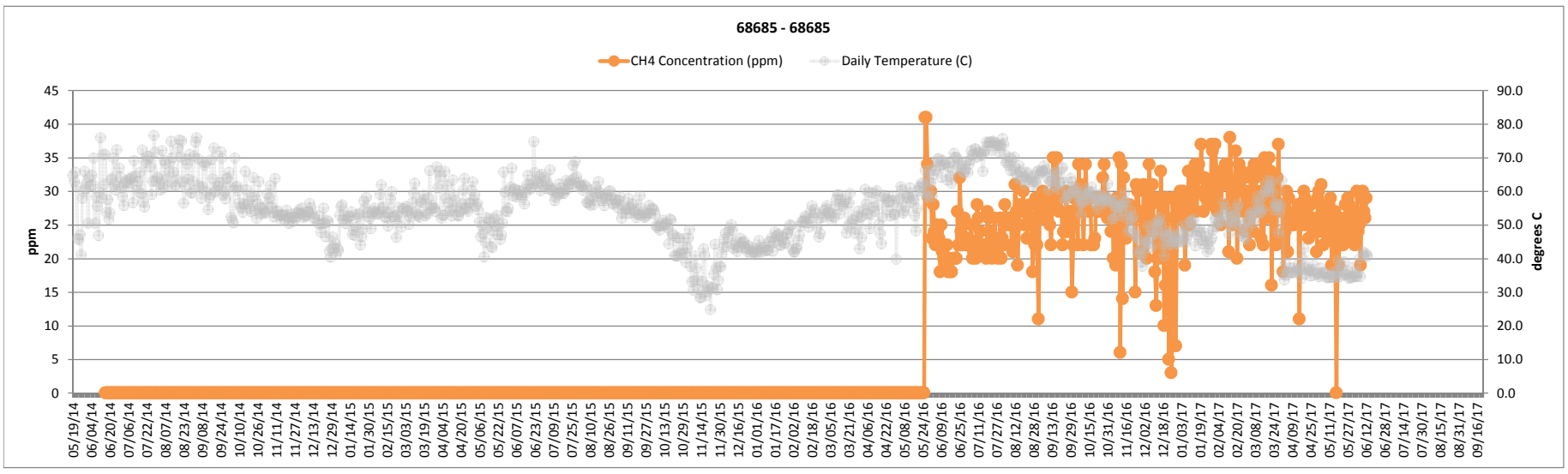
Remediated Nitrate Salt Container Headspace Gas and Temperature



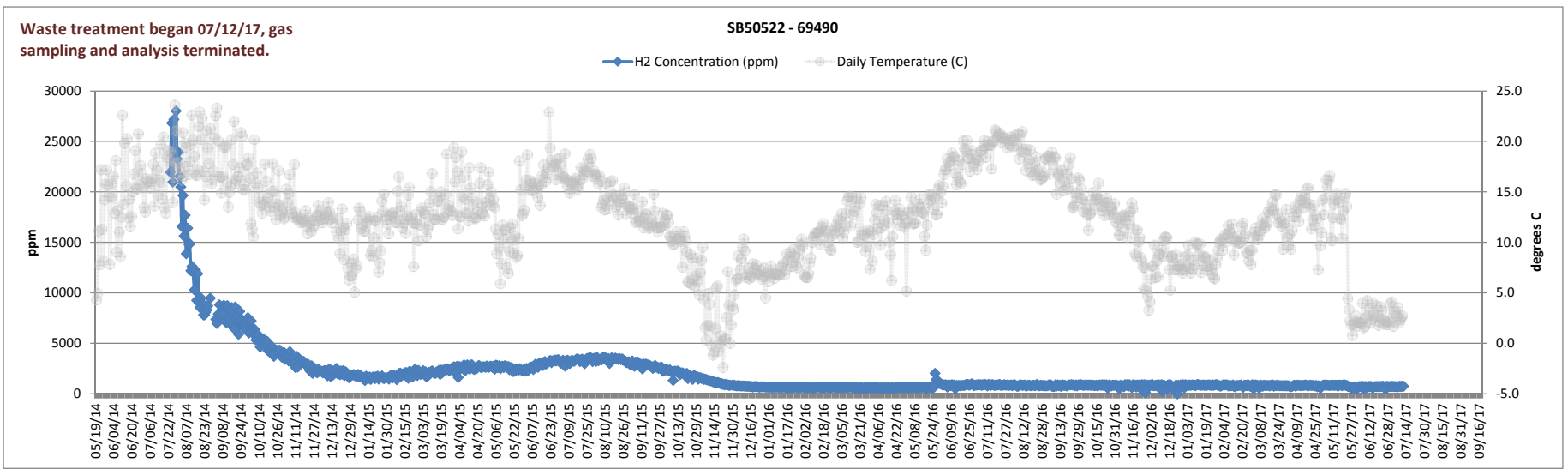


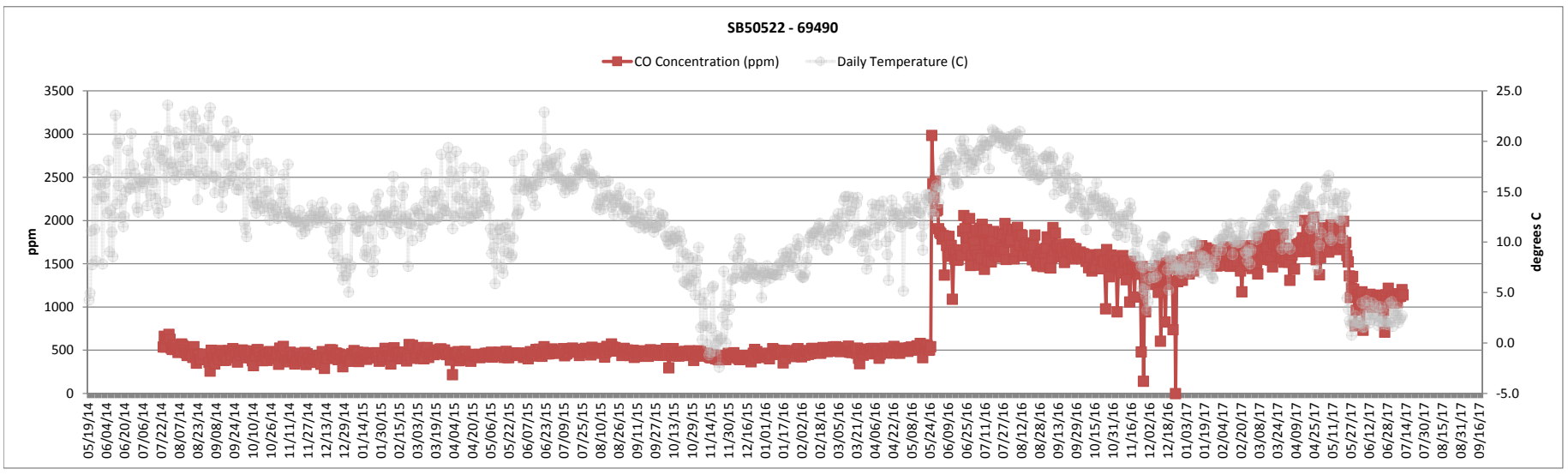


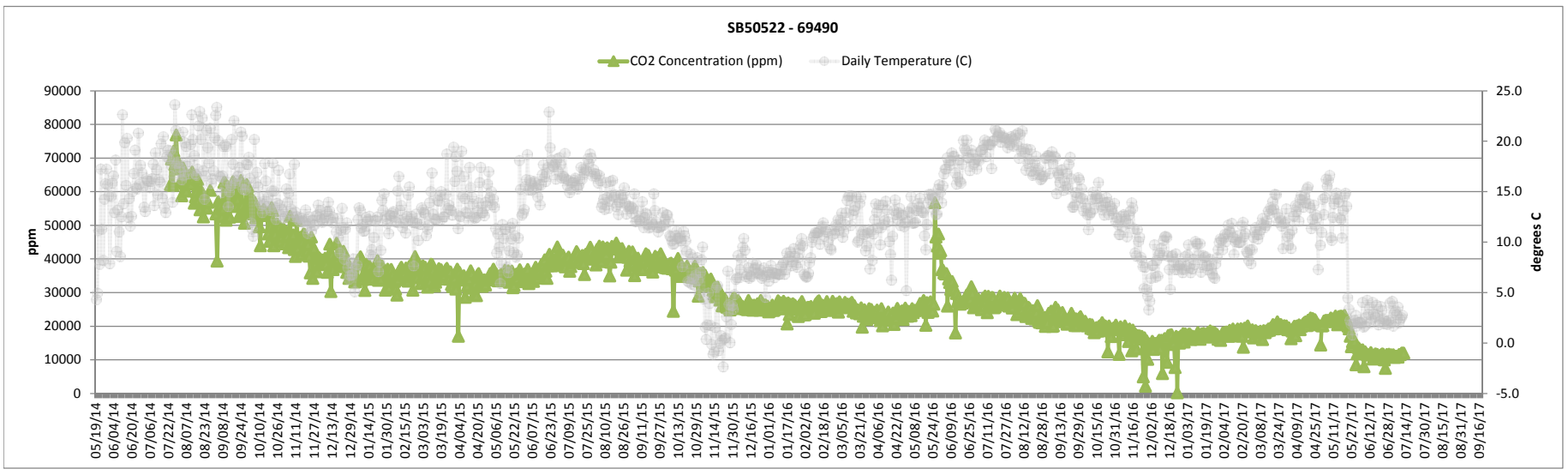


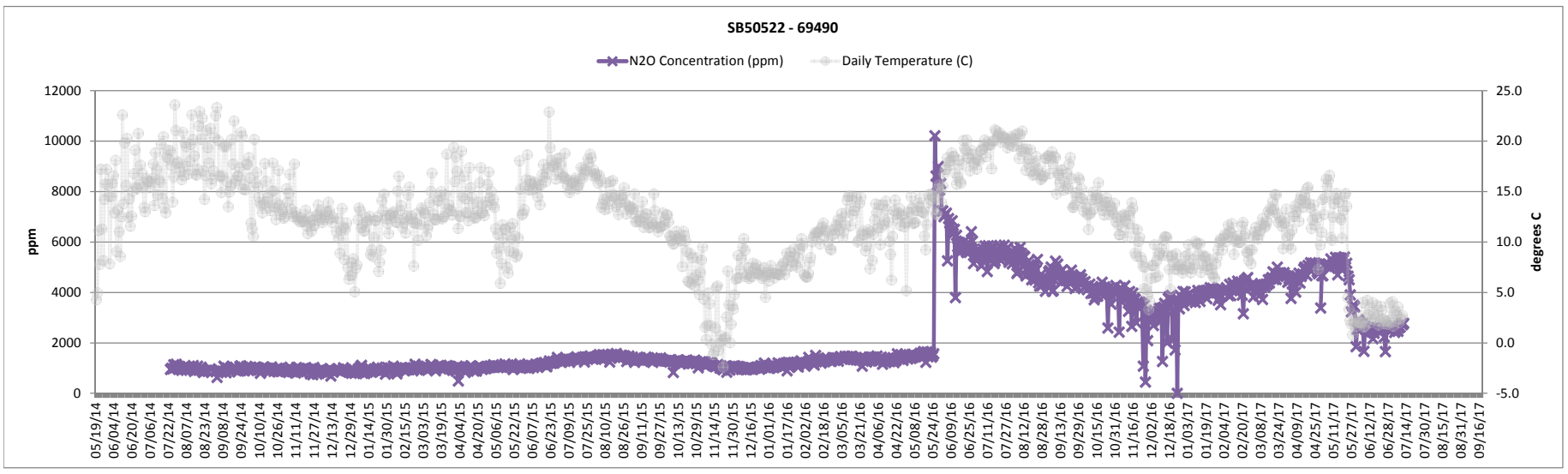


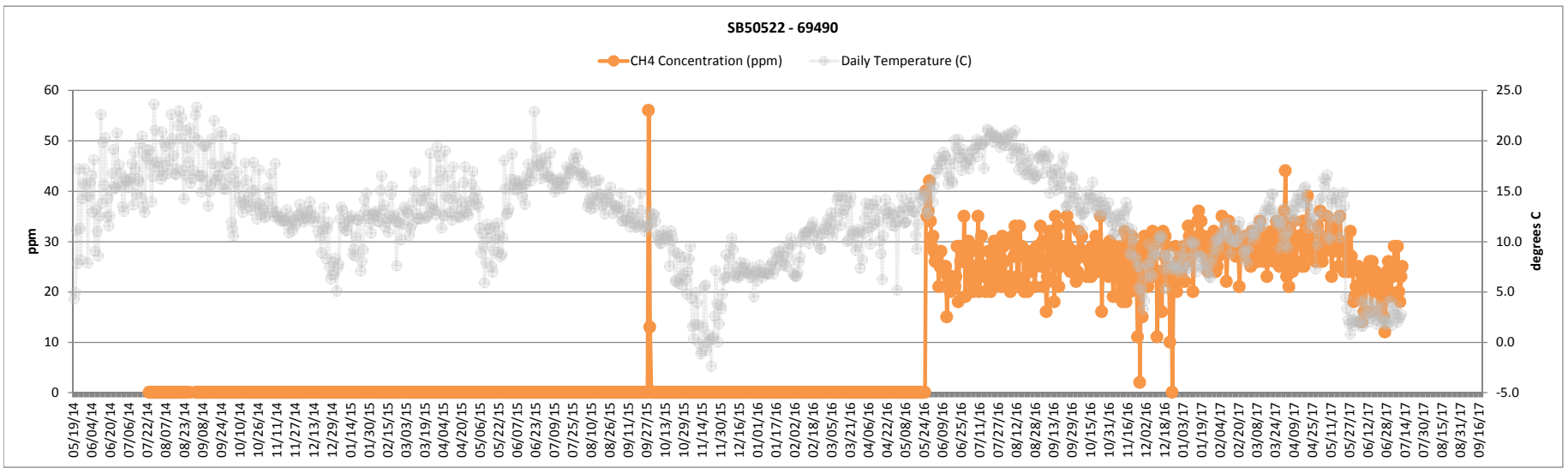
Remediated Nitrate Salt Container Headspace Gas and Temperature



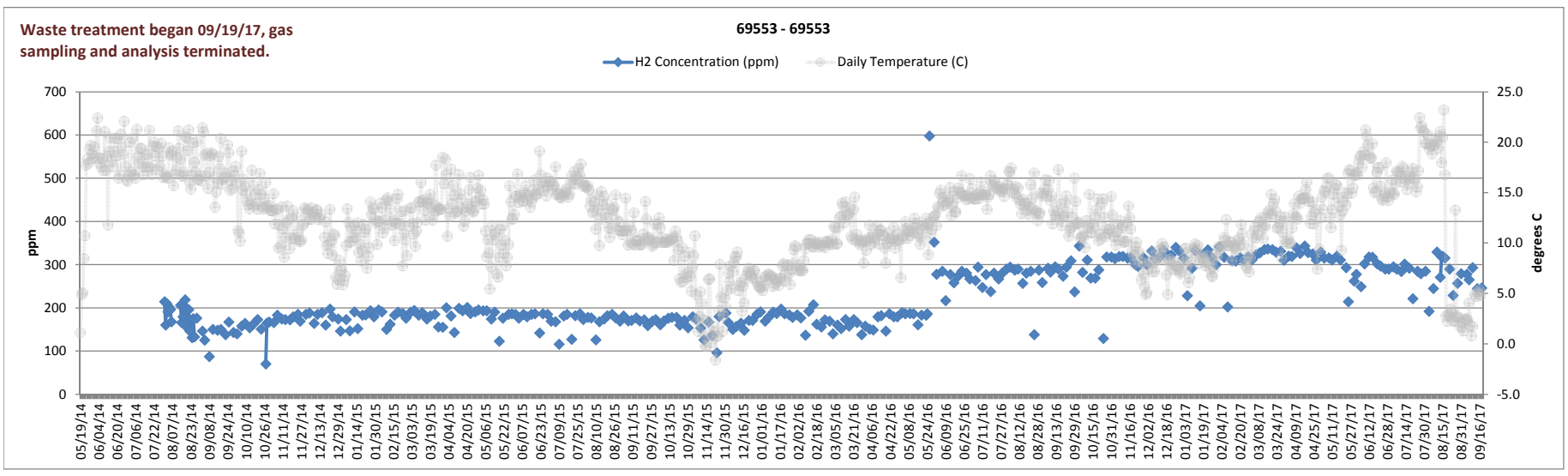


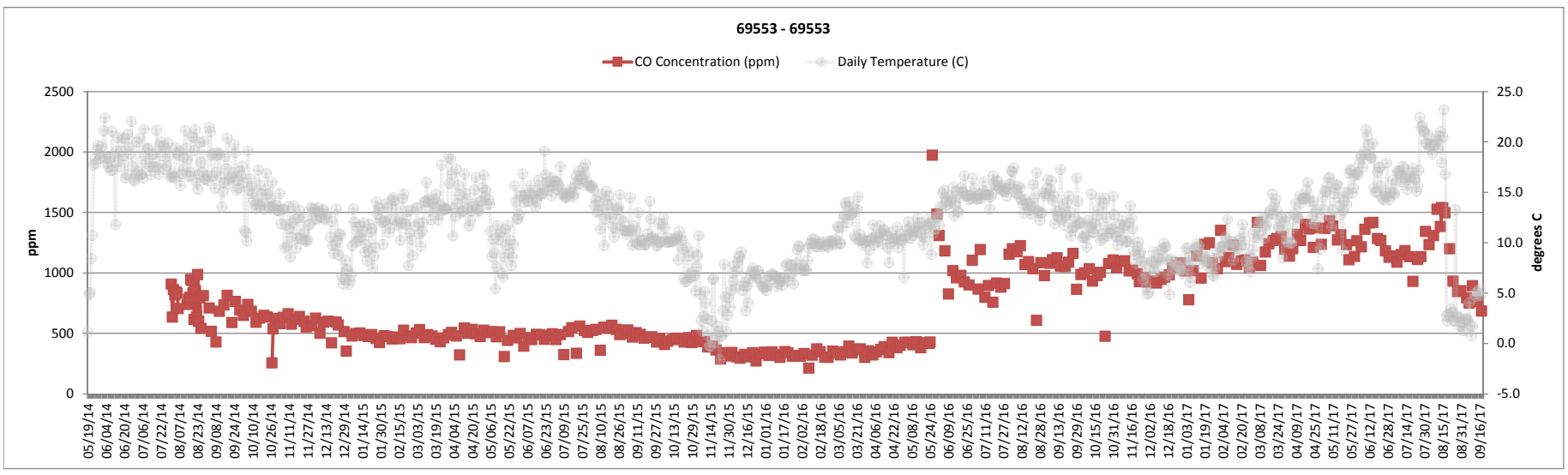


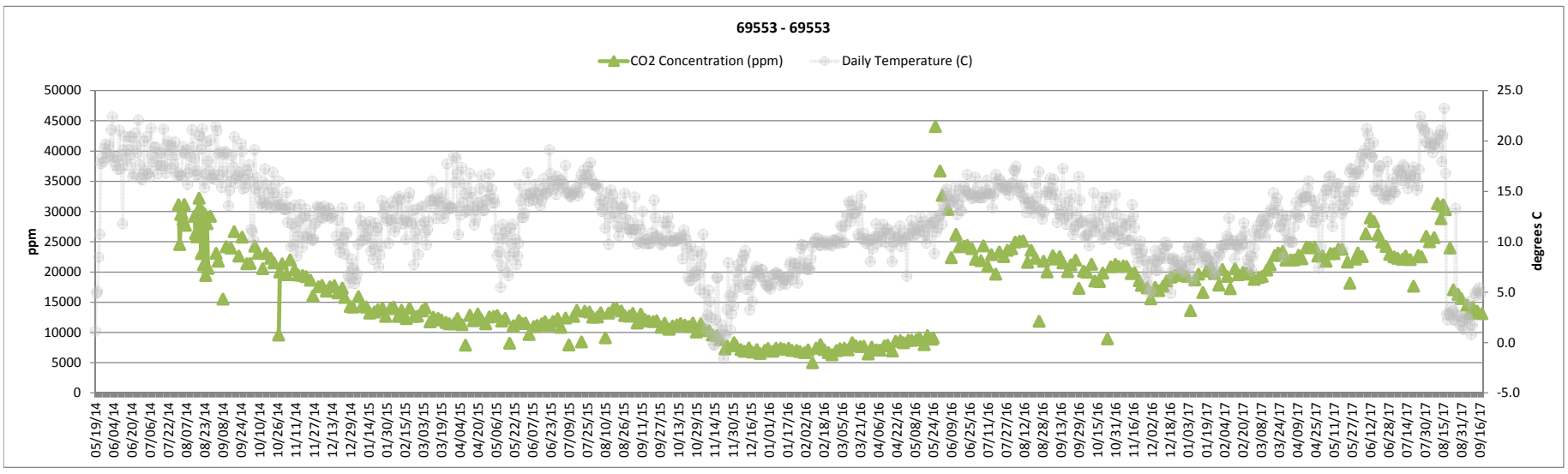


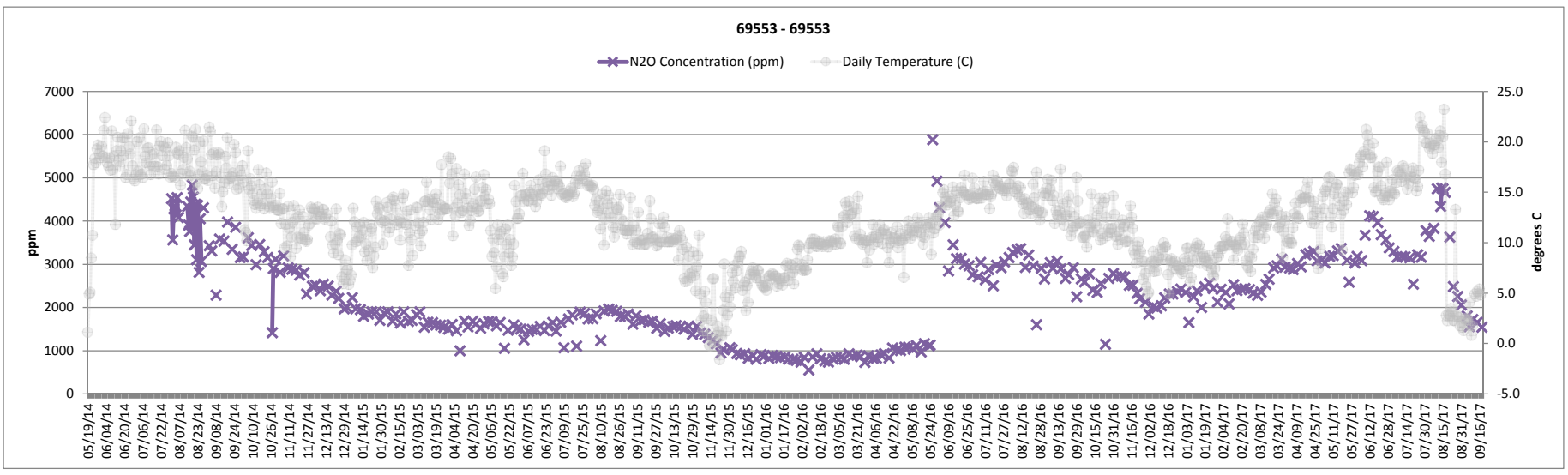


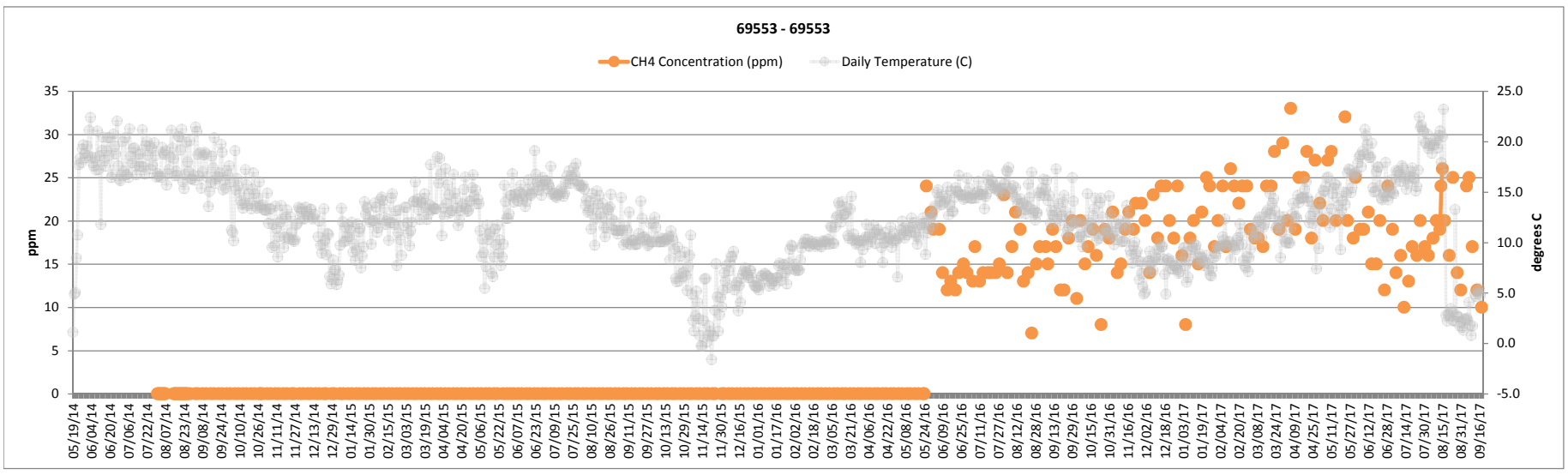
Remediated Nitrate Salt Container Headspace Gas and Temperature



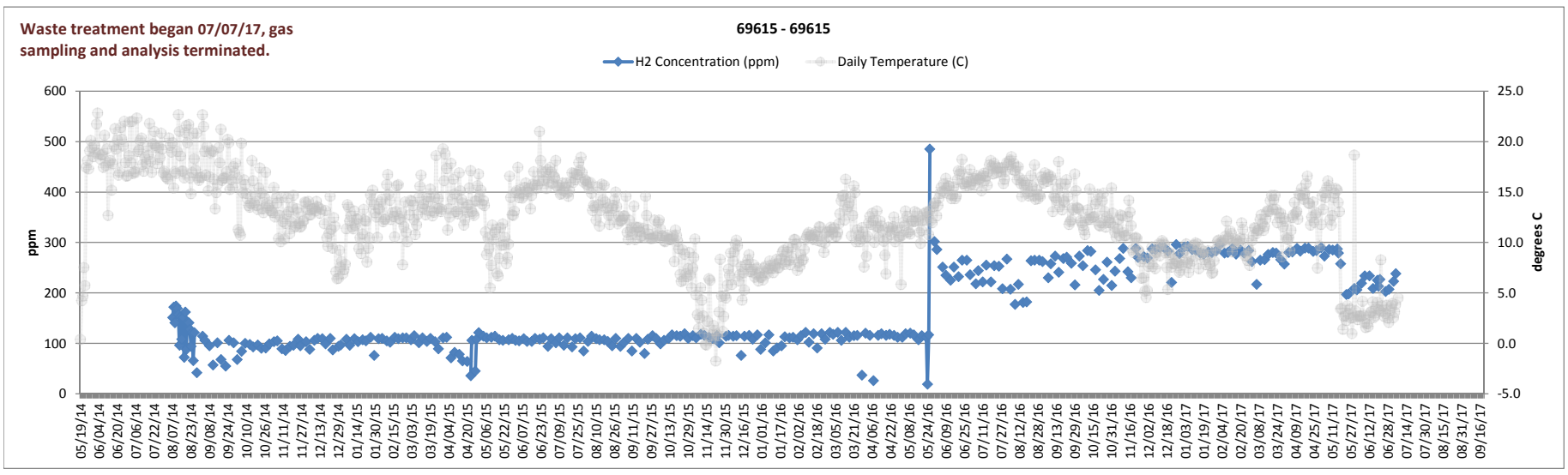


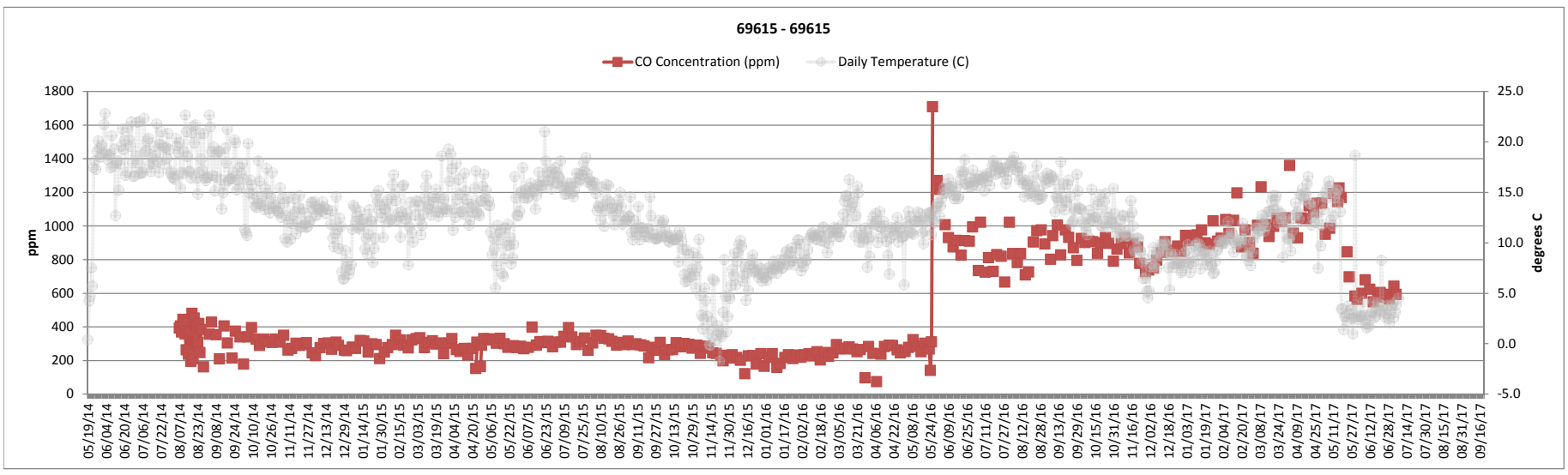


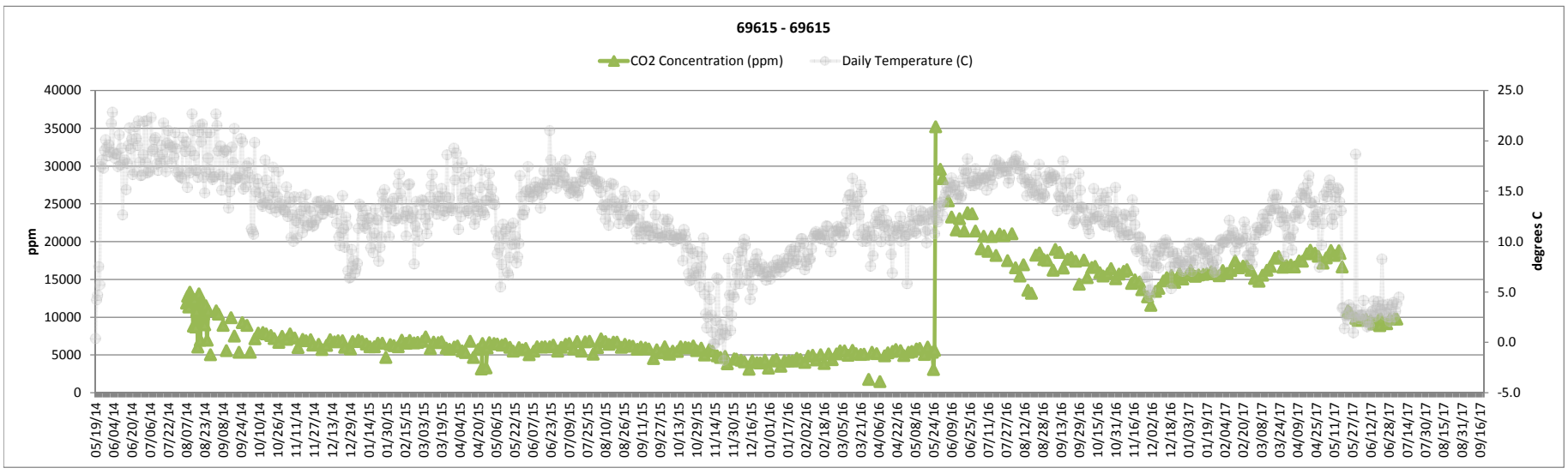


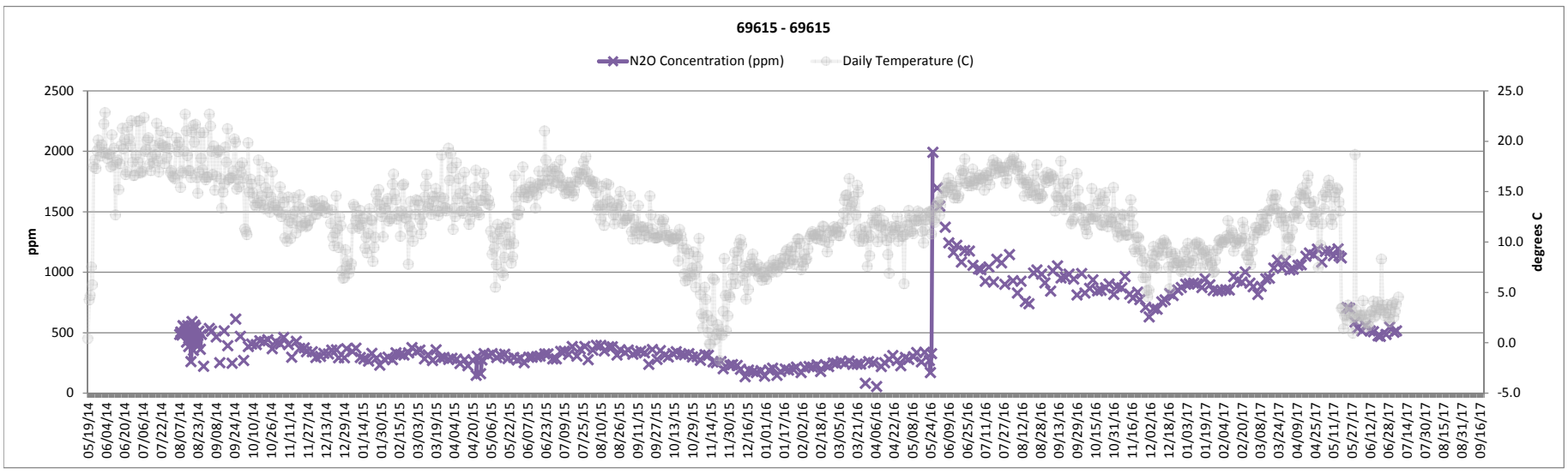


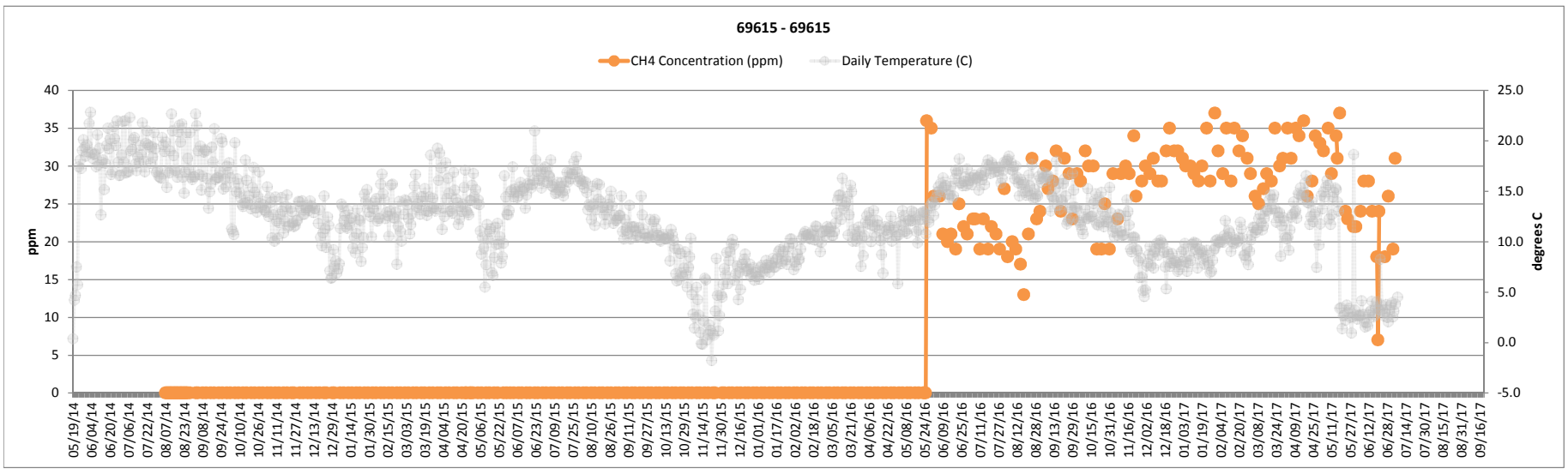
Remediated Nitrate Salt Container Headspace Gas and Temperature



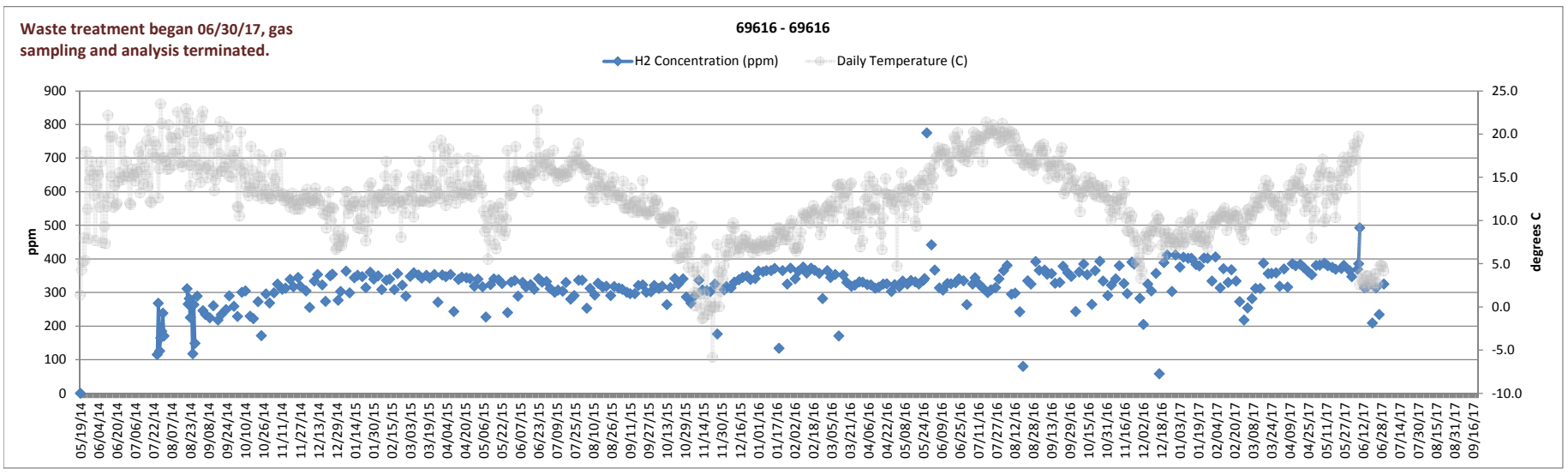


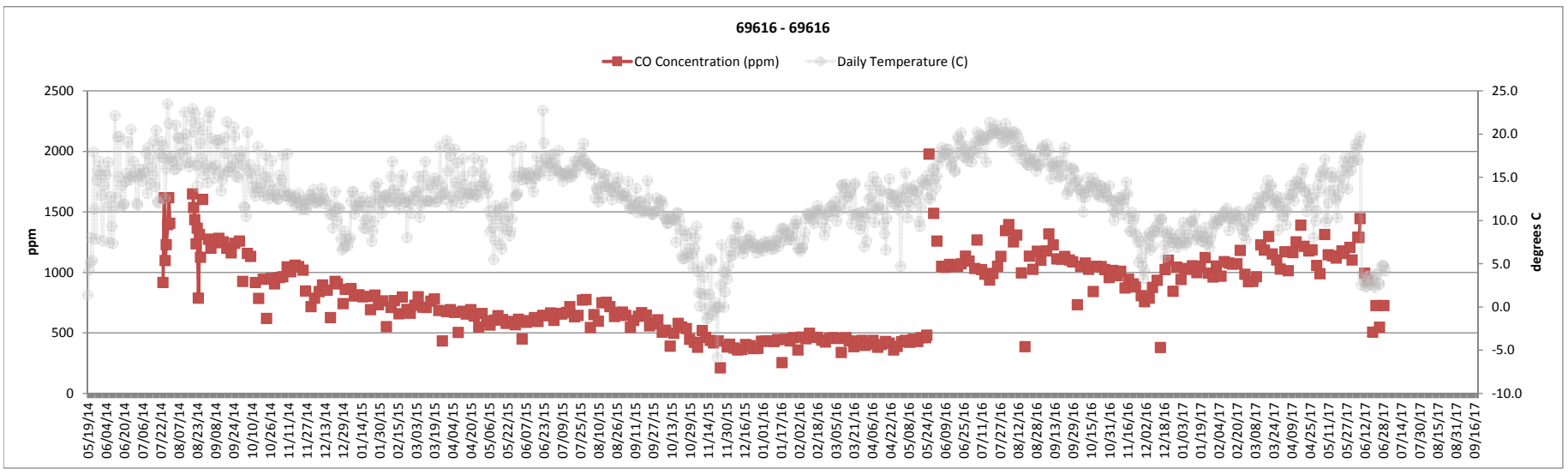


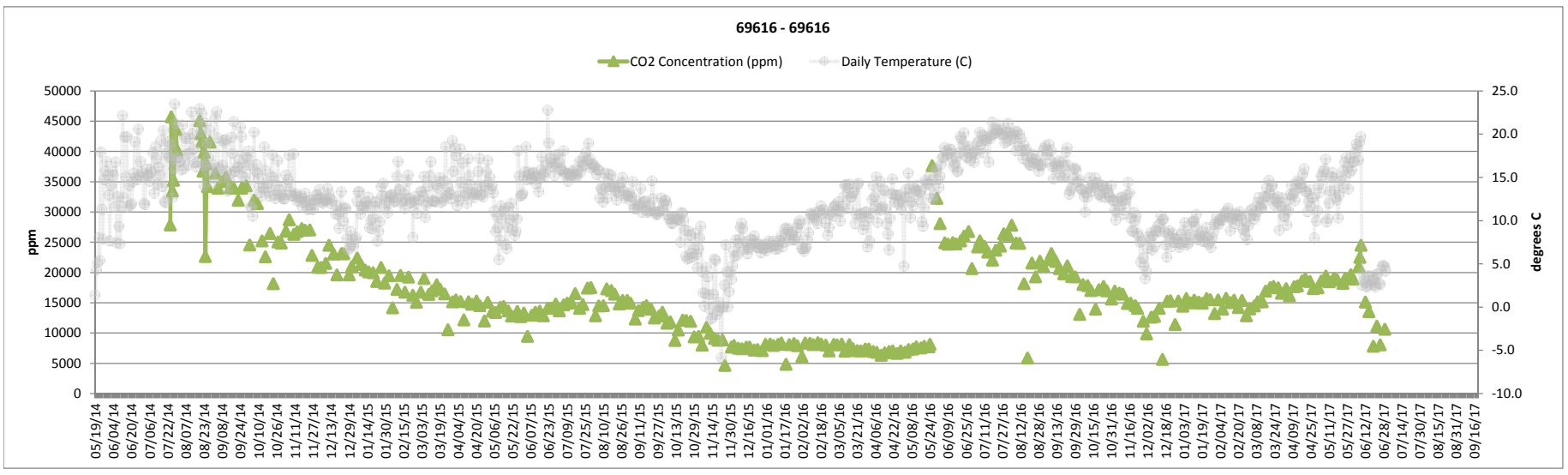


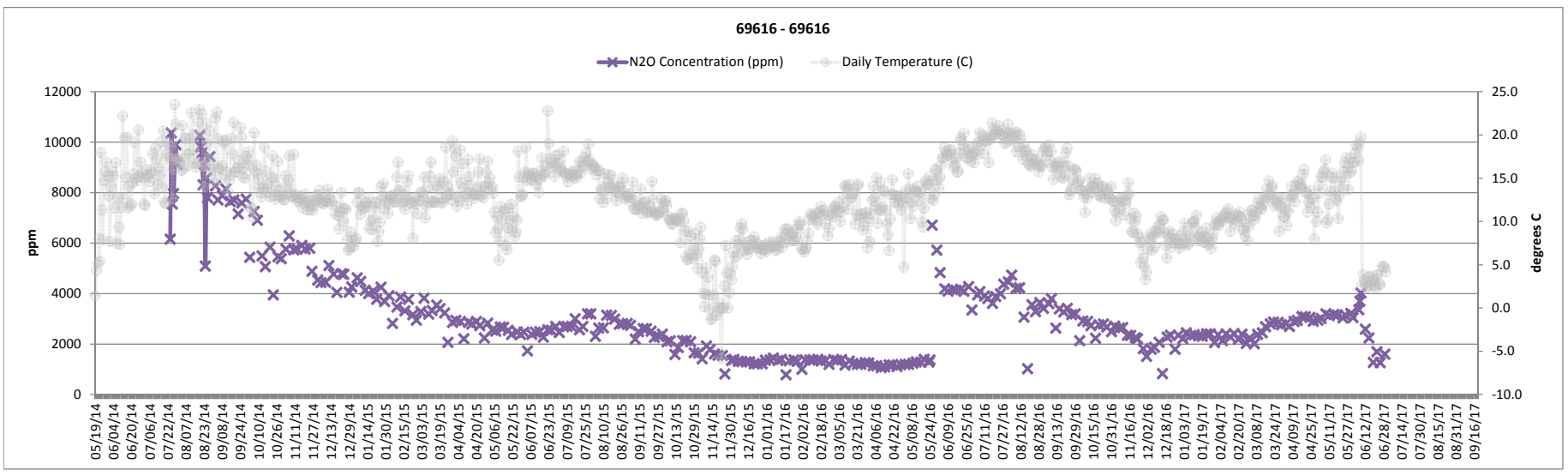


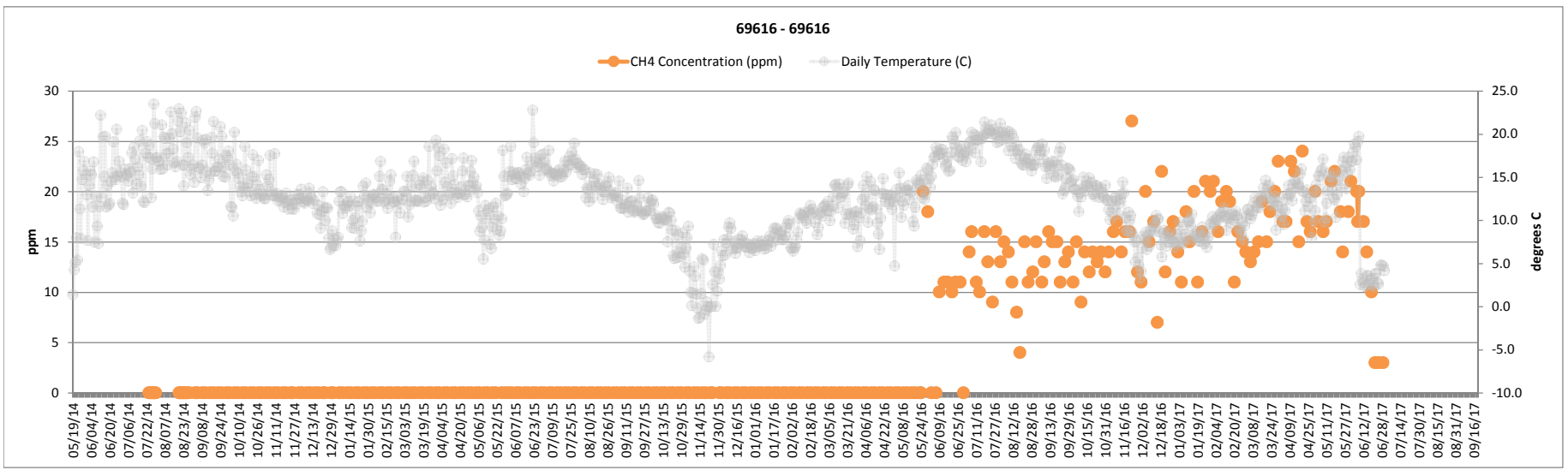
Remediated Nitrate Salt Container Headspace Gas and Temperature



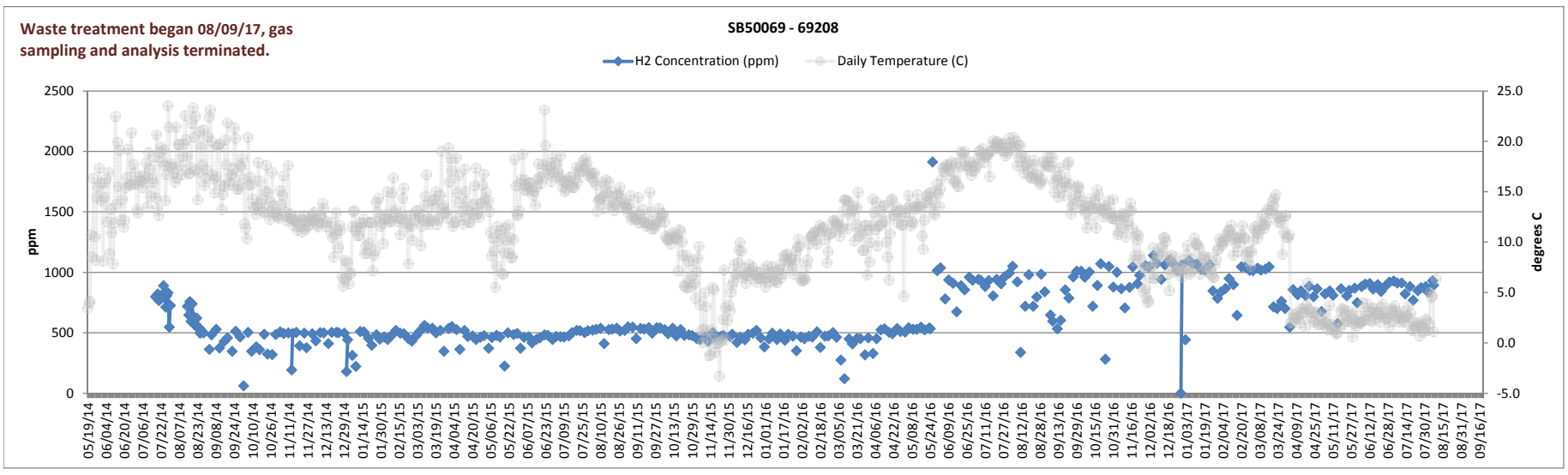


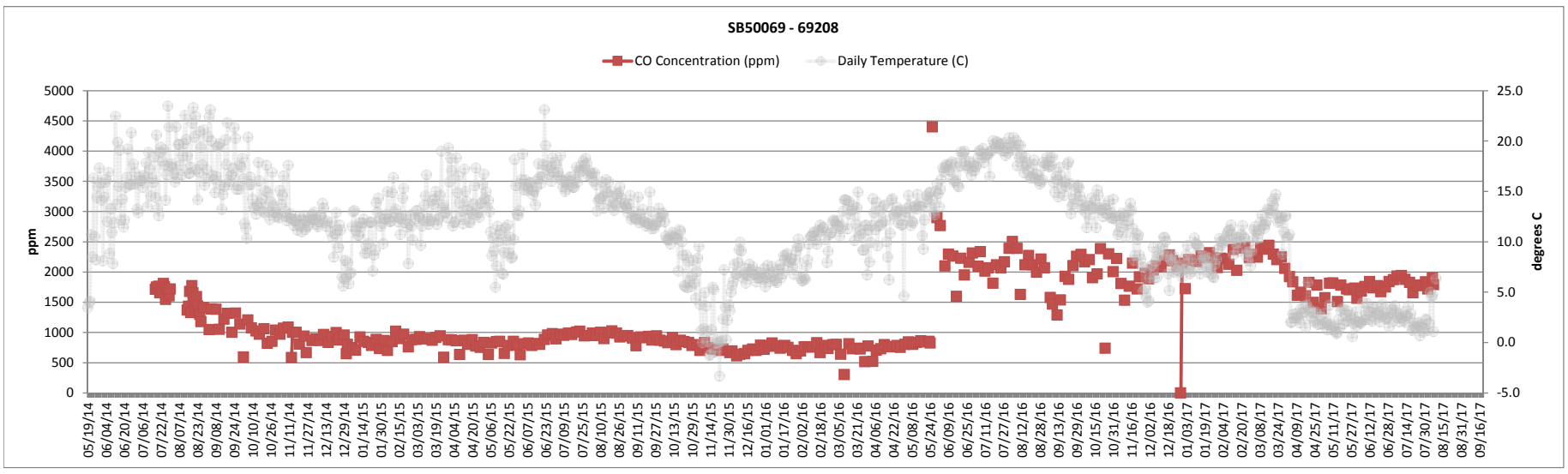


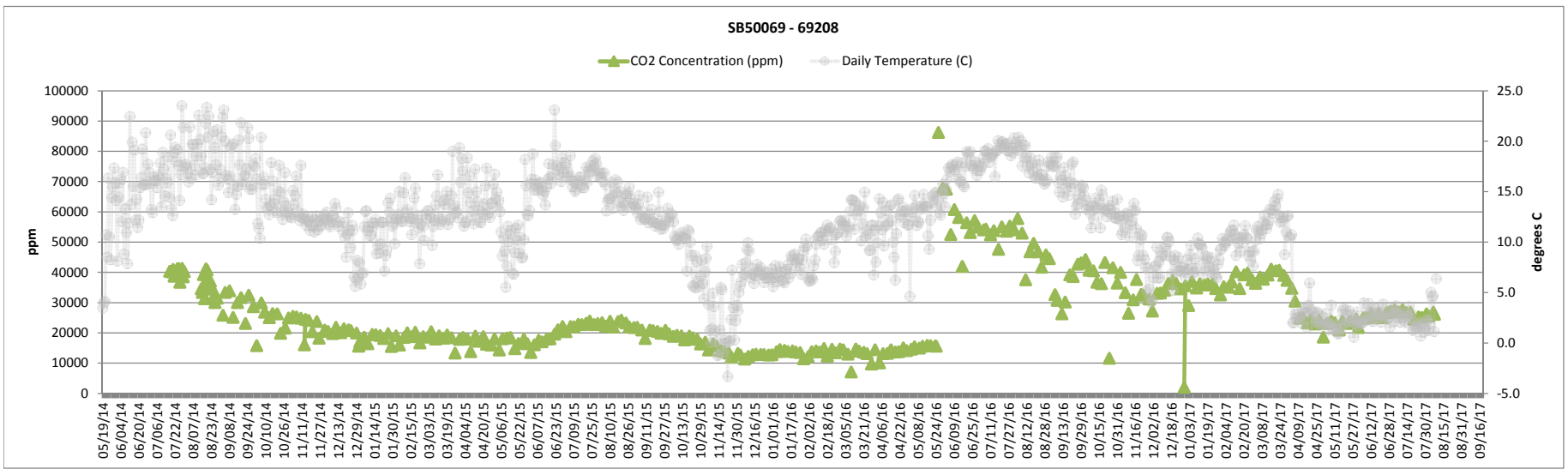


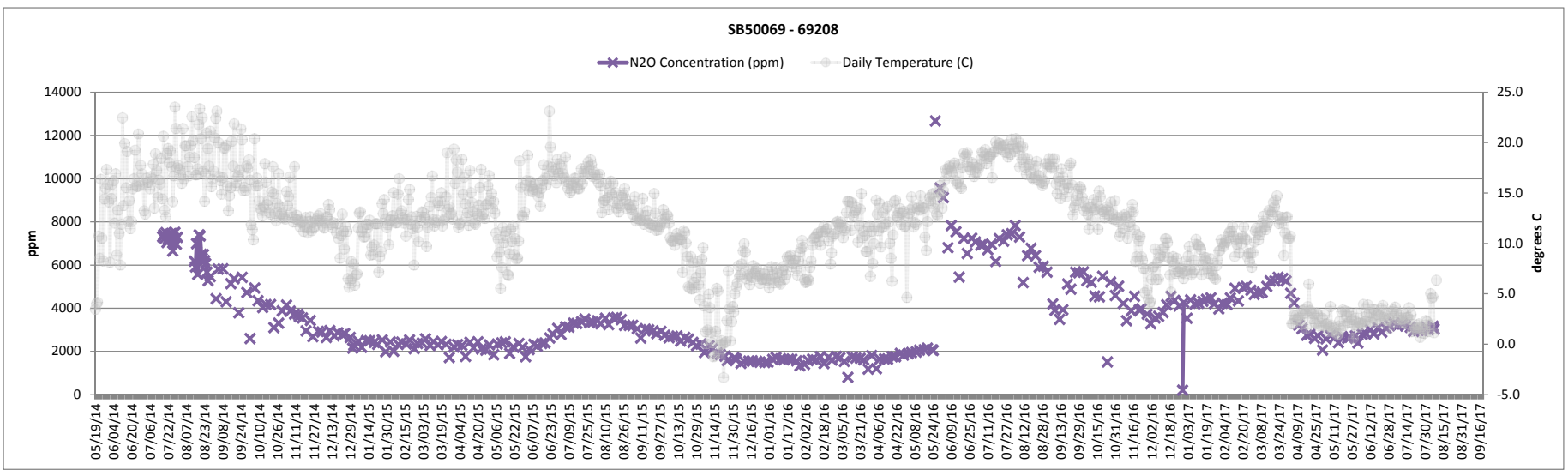


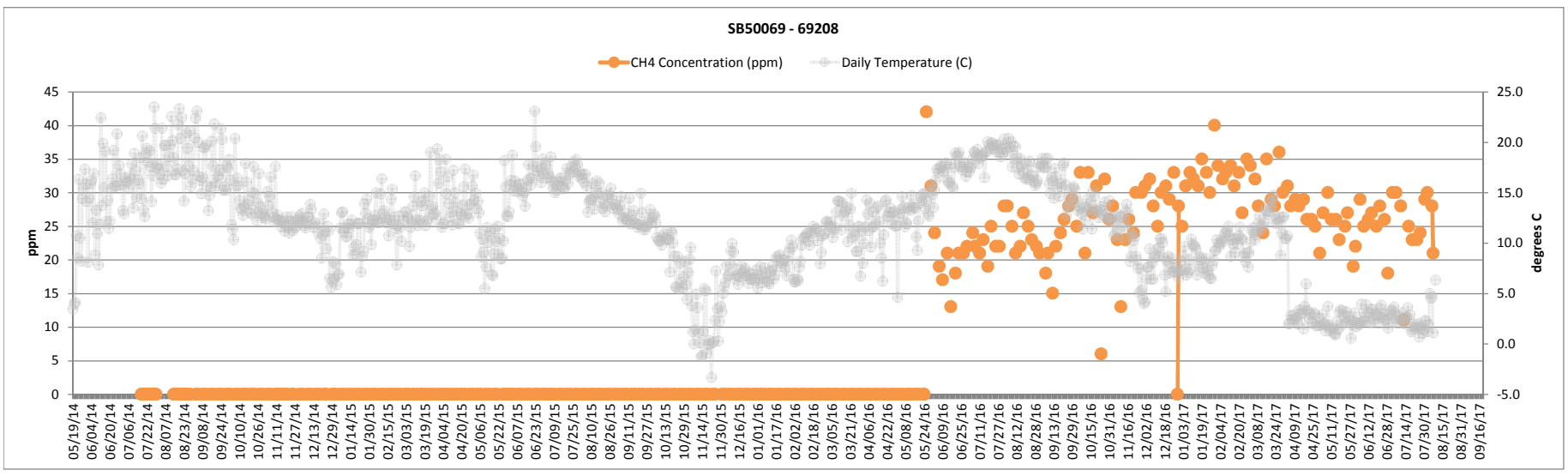
Remediated Nitrate Salt Container Headspace Gas and Temperature



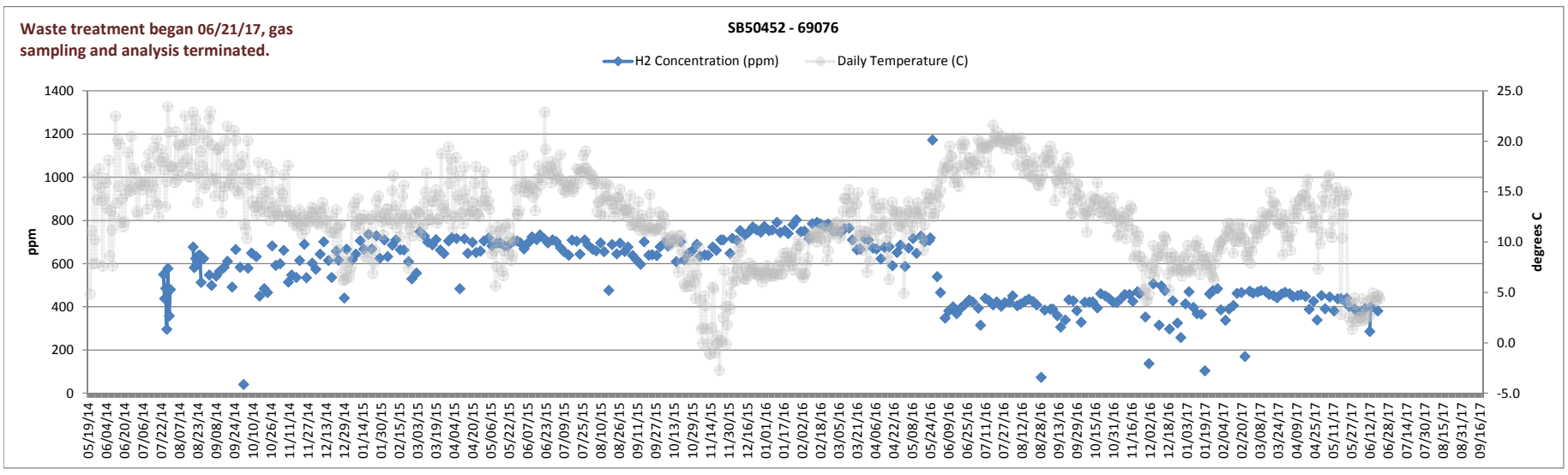


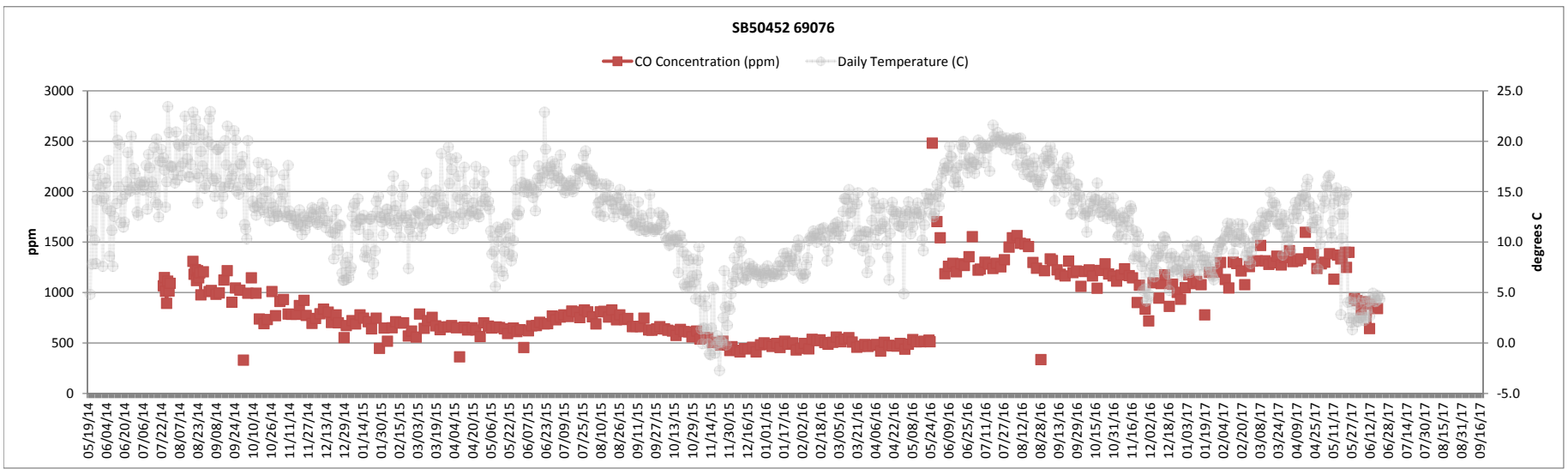


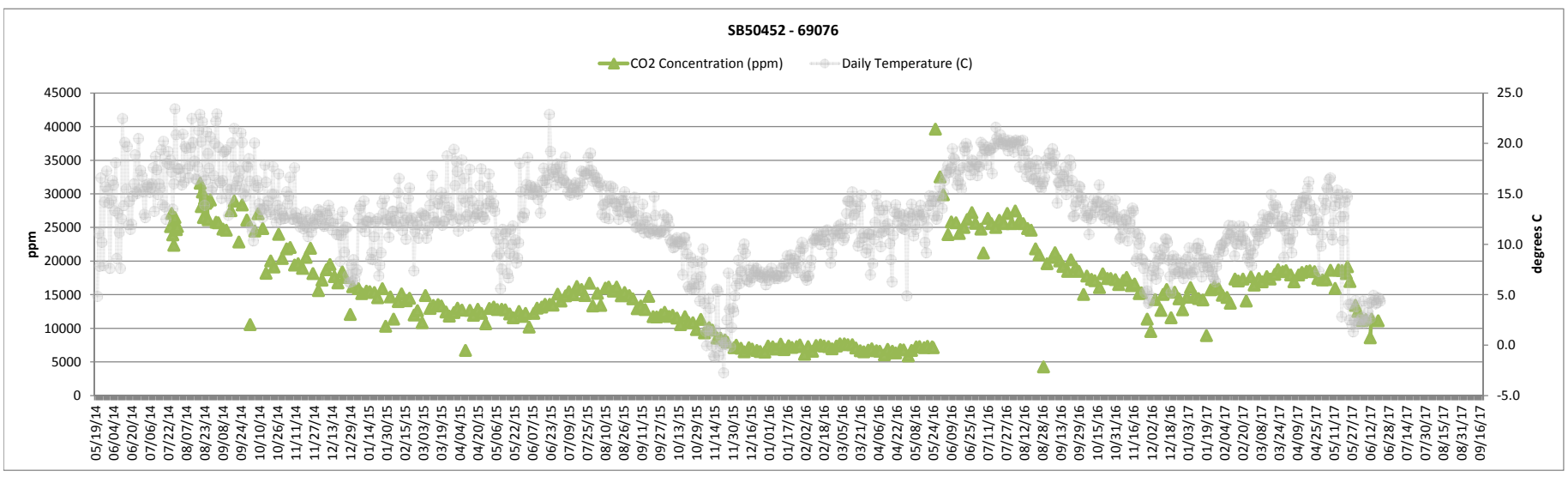


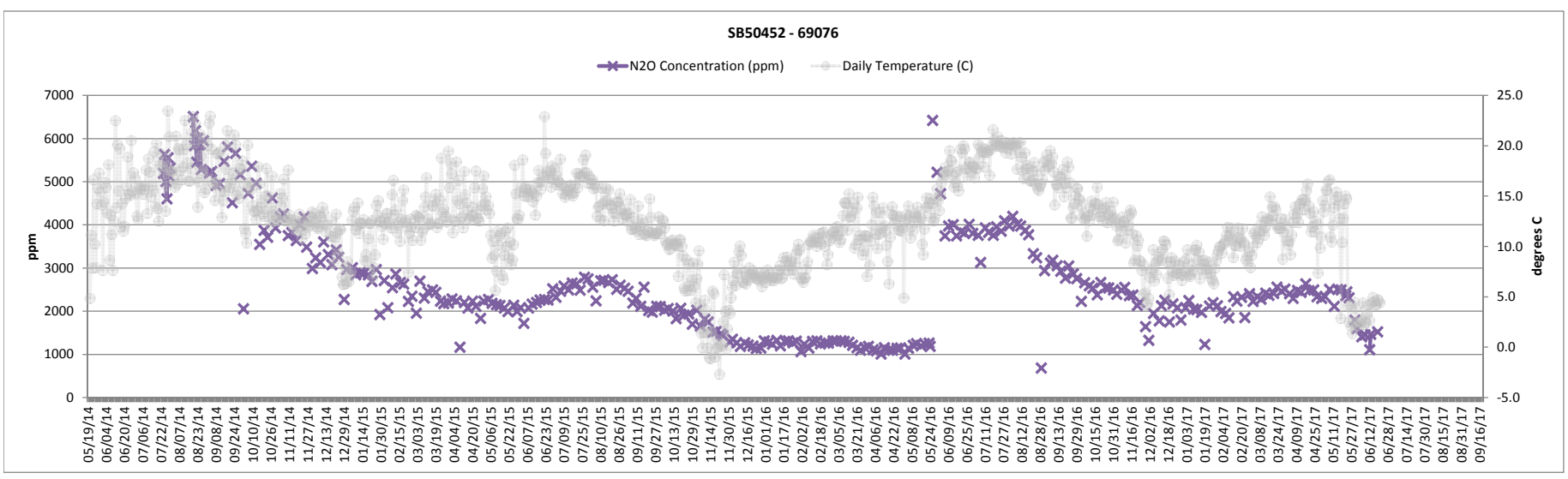


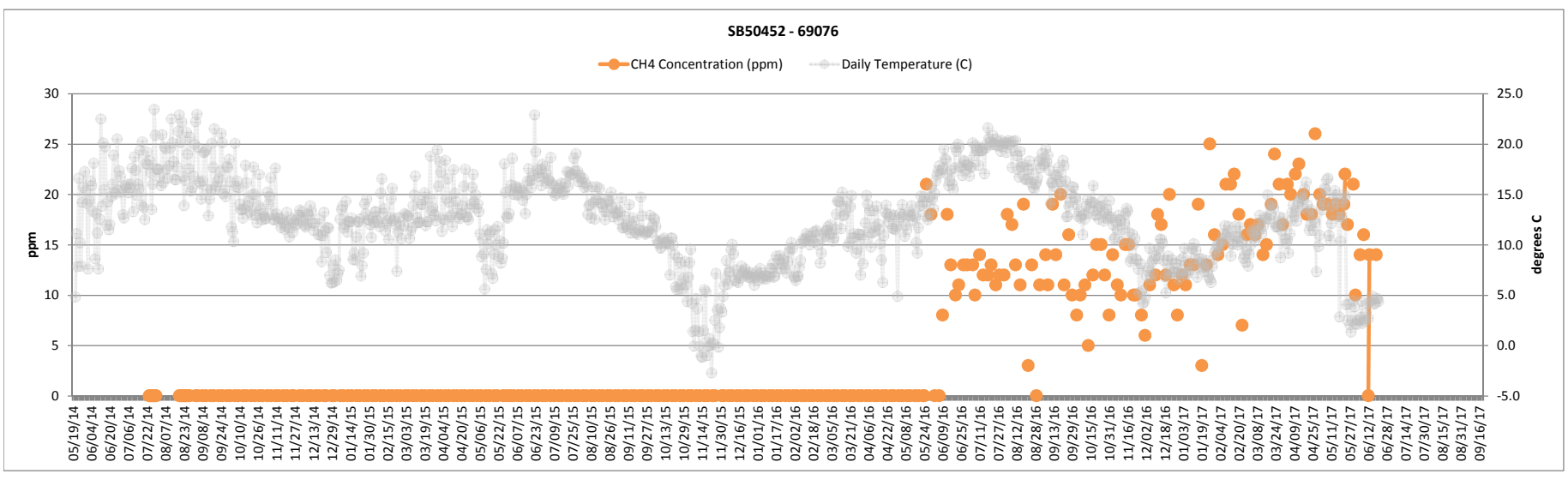
Remediated Nitrate Salt Container Headspace Gas and Temperature











ATTACHMENT 2
Page 1 of 3

TA-54-0375 REFRIGERATOR AND CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE 1 *Drum 69417 is no longer considered a RNS drum by LANL or NMED.*
NOTE 2 ① = Cell 1; ② = Cell 2; ③ = Cell 3; ® = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 08-14-17/1501	Tuesday 6.[2] Date & Start Time: 08-15-17/1408	Wednesday 6.[2] Date & Start Time: 08-16-17/1610	Thursday 6.[2] Date & Start Time: 08-17-17/1302	Friday 6.[2]Date & Start Time: 08-18-17/1300	Saturday 6.[2] Date & Start Time: 08-19-17/1300	Sunday 6.[2] Date & Start Time: 08-20-17/1300
TA-54-0375 Cell 1							
Calibrated infrared thermometer (6.[3])	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868
Ambient Temperature (6.[4])	Cell 1: 62.6 °F	Cell 1: 66.9 °F	Cell 1: 70.9 °F	Cell 1: 70.7 °F	Cell 1: 69.8 °F	Cell 1: 70.6 °F	Cell 1: 69.1 °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT
Ambient Temperature (6.[7])	Refrig.: 37.5 °F	Refrig.: 34.1 °F	Refrig.: 34.9 °F	Refrig.: 36.0 °F	Refrig.: 35.0 °F	Refrig.: 35.0 °F	Refrig.: 35.2 °F
(S) Ambient Refrig. Temp.: > 32°F and ≤ 41°F; SR 4.6.2.1, SAC 5.7.24 (6.[7])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT
Container ID #	**Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)**						
68685	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68540	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68553	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69445	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A

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INITIAL FA DATE 08-14-17

ATTACHMENT 2
Page 2 of 3

	Monday 6.[2]		Tuesday 6.[2]		Wednesday 6.[2]		Thursday 6.[2]		Friday 6.[2]		Saturday 6.[2]		Sunday 6.[2]	
TA-54-0375 Cell 1 (continued)														
69618	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69013	① ② ③ ● N/A	34.7	① ② ③ ● N/A	33.6	① ② ③ ● N/A	33.7	① ② ③ ● N/A	34.3	① ② ③ ● N/A	33.4	① ② ③ ● N/A	34.0	① ② ③ ● N/A	34.8
69490	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69076	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69280	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69208	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69079	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69636	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69616	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69417	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
69620	① ② ③ ● N/A	34.4	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69520	✓ ② ③ ® N/A	64.7	✓ ② ③ ® N/A	67.5	✓ ② ③ ® N/A	73.4	✓ ② ③ ® N/A	66.5	✓ ② ③ ® N/A	64.5	✓ ② ③ ® N/A	67.0	✓ ② ③ ® N/A	62.6
69641	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69298	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
92669	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
End Time (6.[16])	FA 03-18-17 ~~1306~~ 1506		1412		1616		1306		1305		1305		1305	
Initial (6.[16])	WO: FA WO:		WO: FA WO:		WO: FA WO:		WO: FA WO:		WO: [illegible] WO:		WO: [illegible] WO:		WO: [illegible] WO:	

ATTACHMENT 2
Page 3 of 3

Comments:
No Comments

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Fabian Anaya	Fabian Anaya	174963	08-14-17
Fabian Anaya	Fabian Anaya	174963	08-15-17
Fabian Anaya	Fabian Anaya	174963	08-16-17
Fabian Anaya	Fabian Anaya	174963	08-17-17
Juan Garcia	Juan Garcia	169840	08-18-17
Juan Garcia	Juan Garcia	169840	08-19-17
Juan Garcia	Juan Garcia	169840	08-20-17

Waste Operator (print)	Signature	Z#	Date
N/A	N/A		
N/A	N/A		
N/A	N/A		
N/A	N/A		
N/A	N/A		
N/A	N/A		
N/A	N/A		
N/A	N/A		

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

ATTACHMENT 3
Page 1 of 3

TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE ① = Cell 1; ② = Cell 2; ③ = Cell 3; ® = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 08-14-17/1507		Tuesday 6.[2] Date & Start Time: 08-15-17/1413		Wednesday 6.[2] Date & Start Time: 08-16-17/1617		Thursday 6.[2] Date & Start Time: 08-17-17/1307		Friday 6.[2] Date & Start Time: 08-18-17/1306		Saturday 6.[2] Date & Start Time: 08-19-17/1306		Sunday 6.[2] Date & Start Time: 08-20-17/1306	
TA-54-0375 Cell 2														
Calibrated infrared thermometer (6.[3])	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868	
Ambient Temperature (6.[4])	Cell 2: 65.9 °F		Cell 2: 68.8 °F		Cell 2: 73.8 °F		Cell 2: 63.0 °F		Cell 2: 63.3 °F		Cell 2: 64.5 °F		Cell 2: 62.2 °F	
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT	
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)													
68408	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68638	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69615	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69635	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69642	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69630	① ② ③ ● N/A	35.8	① ② ③ ● N/A	33.8	① ② ③ ● N/A	34.4	① ② ③ ● N/A	34.3	① ② ③ ● N/A	34.7	① ② ③ ● N/A	33.9	① ② ③ ● N/A	36.2
69633	① ② ③ ● N/A	35.5	① ② ③ ● N/A	35.5	① ② ③ ● N/A	35.3	① ② ③ ● N/A	34.6	① ② ③ ● N/A	34.2	① ② ③ ● N/A	34.0	① ② ③ ● N/A	35.4
68430	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68631	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69634	① ② ③ ● N/A	35.3	① ② ③ ● N/A	34.7	① ② ③ ● N/A	35.3	① ② ③ ● N/A	34.6	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A

ATTACHMENT 3
Page 2 of 3

	Monday 6.[2]		Tuesday 6.[2]		Wednesday 6.[2]		Thursday 6.[2]		Friday 6.[2]		Saturday 6.[2]		Sunday 6.[2]	
TA-54-0375 Cell 2 (continued)														
Container ID #	**Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)**													
68567	① ② ③ ● N/A	36.6	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
94227	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68648	① ② ③ ● N/A	35.7	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69644	① ② ③ ● N/A	35.6	① ② ③ ● N/A	34.6	① ② ③ ● N/A	36.3	① ② ③ ● N/A	34.7	① ② ③ ● N/A	34.6	① ② ③ ● N/A	35.4	① ② ③ ● N/A	37.1
69183	① ② ③ ● N/A	36.8	① ② ③ ● N/A	36.1	① ② ③ ● N/A	36.8	① ② ③ ● N/A	35.8	① ② ③ ● N/A	34.1	① ② ③ ● N/A	35.0	① ② ③ ● N/A	36.9
69638	① ✓ ③ ® N/A	64.5	① ✓ ③ ® N/A	68.8	① ✓ ③ ® N/A	73.7	① ✓ ③ ® N/A	64.2	① ② ③ ● N/A	39.7	① ② ③ ● N/A	34.9	① ② ③ ● N/A	34.5
68624	① ✓ ③ ® N/A	63.9	① ✓ ③ ® N/A	67.6	① ✓ ③ ® N/A	73.3	① ✓ ③ ® N/A	63.1	① ② ③ ● N/A	35.9	① ② ③ ● N/A	35.3	① ② ③ ● N/A	37.2
68507	① ✓ ③ ® N/A	64.2	① ✓ ③ ® N/A	68.3	① ✓ ③ ® N/A	73.4	① ✓ ③ ® N/A	62.4	① ✓ ③ ® N/A	62.8	① ✓ ③ ® N/A	63.3	① ✓ ③ ® N/A	61.7
69568	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69553	① ✓ ③ ® N/A	64.3	① ✓ ③ ® N/A	68.9	① ✓ ③ ® N/A	73.8	① ✓ ③ ® N/A	62.2	① ② ③ ● N/A	37.0	① ② ③ ● N/A	36.0	① ② ③ ● N/A	37.2
69598	① ✓ ③ ® N/A	65.3	① ✓ ③ ® N/A	70.0	① ✓ ③ ® N/A	72.6	① ✓ ③ ® N/A	61.4	① ✓ ③ ® N/A	59.6	① ✓ ③ ® N/A	60.8	① ✓ ③ ® N/A	59.0
92472	① ② ③ ● N/A	36.0	① ② ③ ● N/A	36.0	① ② ③ ● N/A	36.4	① ② ③ ● N/A	35.5	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
92459	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69015	① ✓ ③ ® N/A	63.6	① ✓ ③ ® N/A	67.7	① ✓ ③ ® N/A	72.4	① ✓ ③ ® N/A	61.4	① ✓ ③ ® N/A	62.7	① ✓ ③ ® N/A	62.9	① ✓ ③ ® N/A	61.5
69639	① ✓ ③ ® N/A	63.9	① ✓ ③ ® N/A	67.6	① ✓ ③ ® N/A	73.1	① ✓ ③ ® N/A	63.6	① ✓ ③ ® N/A	62.3	① ✓ ③ ® N/A	63.6	① ✓ ③ ® N/A	61.5
69637	① ✓ ③ ® N/A	63.9	① ✓ ③ ® N/A	68.6	① ✓ ③ ® N/A	73.3	① ✓ ③ ® N/A	63.5	① ✓ ③ ® N/A	62.4	① ✓ ③ ® N/A	65.4	① ✓ ③ ® N/A	62.0
End Time (6.[16])	1514		1419		1622		1314		1311		1311		1311	
Initial (6.[16])	WO: FA WO:		WO: FA WO:		WO: FA WO:		WO: FA WO:		WO: [illegible] WO:		WO: [illegible] WO:		WO: [illegible] WO:	

ATTACHMENT 3
Page 3 of 3

Comments:

No Comments

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Fabian Anaya	Fabian Anaya	174963	08-14-17
Fabian Anaya	Fabian Anaya	174963	08-15-17
Fabian Anaya	Fabian Anaya	174963	08-16-17
Fabian Anaya	Fabian Anaya	174963	08-17-17
Juan Garcia	[illegible]	169840	08-18-17
Juan Garcia	[illegible]	169840	08-19-17
Juan Garcia	Juan Garcia	169840	08-20-17
N/A	N/A		
N/A	N/A		
N/A	N/A		
N/A	N/A		
N/A	N/A		
N/A	N/A		
N/A	N/A		

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

ATTACHMENT 4
Page 1 of 3

TA-54-0375 CELL 3 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE ① = Cell 1; ② = Cell 2; ③ = Cell 3; ® = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 08-14-17 / 1515	Tuesday 6.[2] Date & Start Time: 08-15-17 / 1420	Wednesday 6.[2] Date & Start Time: 08-16-17 / 1623	Thursday 6.[2] Date & Start Time: 08-17-17 / 1315	Friday 6.[2] Date & Start Time: 08-18-17 / 1312	Saturday 6.[2] Date & Start Time: 08-19-17 / 1312	Sunday 6.[2] Date & Start Time: 08-20-17 / 1312
TA-54-0375 Cell 3							
Calibrated infrared thermometer (6.[3])	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868
Ambient Temperature (6.[4])	Cell 3: 61.8 °F	Cell 3: 65.2 °F	Cell 3: 71.0 °F	Cell 3: 65.5 °F	Cell 3: 66.9 °F	Cell 3: 70.1 °F	Cell 3: 65.8 °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
69519	① ② ③ ® N/A	59.7	① ② ③ ® N/A	63.6	① ② ③ ® N/A	68.5	① ② ③ ® N/A	62.4	① ② ③ ® N/A	63.5	① ② ③ ® N/A	65.0	① ② ③ ® N/A	62.3
69645	① ② ③ ® N/A	59.4	① ② ③ ® N/A	61.0	① ② ③ ® N/A	67.4	① ② ③ ® N/A	60.6	① ② ③ ® N/A	62.3	① ② ③ ® N/A	63.3	① ② ③ ® N/A	60.4
94068	① ② ③ ® N/A	61.6	① ② ③ ® N/A	65.1	① ② ③ ® N/A	71.8	① ② ③ ® N/A	62.4	① ② ③ ® N/A	63.3	① ② ③ ® N/A	66.9	① ② ③ ® N/A	61.6
93605	① ② ③ ® N/A	61.7	① ② ③ ® N/A	64.7	① ② ③ ® N/A	71.4	① ② ③ ® N/A	63.1	① ② ③ ® N/A	64.7	① ② ③ ® N/A	68.1	① ② ③ ® N/A	62.9
69548	① ② ③ ® N/A	61.9	① ② ③ ® N/A	65.4	① ② ③ ® N/A	72.2	① ② ③ ® N/A	63.7	① ② ③ ® N/A	65.9	① ② ③ ® N/A	67.5	① ② ③ ® N/A	62.2

ATTACHMENT 4
Page 2 of 3

	Monday 6.[2]		Tuesday 6.[2]		Wednesday 6.[2]		Thursday 6.[2]		Friday 6.[2]		Saturday 6.[2]		Sunday 6.[2]	
TA-54-0375 Cell 3 (continued)														
Container ID #	**Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)**													
69604	① ② ③ ® N/A	61.2	① ② ③ ® N/A	63.1	① ② ③ ® N/A	70.4	① ② ③ ® N/A	62.0	① ② ③ ® N/A	63.8	① ② ③ ® N/A	67.0	① ② ③ ® N/A	63.5
68665	① ② ③ ® N/A	60.3	① ② ③ ® N/A	61.8	① ② ③ ® N/A	68.1	① ② ③ ® N/A	61.1	① ② ③ ® N/A	61.4	① ② ③ ® N/A	65.3	① ② ③ ® N/A	61.4
69595	① ② ③ ® N/A	59.4	① ② ③ ® N/A	62.7	① ② ③ ® N/A	69.9	① ② ③ ® N/A	62.7	① ② ③ ® N/A	63.9	① ② ③ ® N/A	66.6	① ② ③ ® N/A	62.7
69036	① ② ③ ® N/A	59.2	① ② ③ ® N/A	64.3	① ② ③ ® N/A	70.0	① ② ③ ® N/A	64.4	① ② ③ ® N/A	65.0	① ② ③ ® N/A	68.5	① ② ③ ® N/A	63.5
69361	① ② ③ ® N/A	59.7	① ② ③ ® N/A	64.3	① ② ③ ® N/A	70.2	① ② ③ ® N/A	62.5	① ② ③ ® N/A	63.9	① ② ③ ® N/A	67.5	① ② ③ ® N/A	63.4
69559	① ② ③ ® N/A	61.3	① ② ③ ® N/A	64.4	① ② ③ ® N/A	70.2	① ② ③ ® N/A	63.8	① ② ③ ® N/A	63.2	① ② ③ ® N/A	66.5	① ② ③ ® N/A	63.4
69491	① ② ③ ® N/A	62.5	① ② ③ ® N/A	65.2	① ② ③ ® N/A	71.2	① ② ③ ® N/A	64.0	① ② ③ ® N/A	64.3	① ② ③ ® N/A	66.3	① ② ③ ® N/A	63.5
87827	① ② ③ ® N/A	62.6	① ② ③ ® N/A	67.5	① ② ③ ® N/A	73.2	① ② ③ ® N/A	65.5	① ② ③ ® N/A	66.7	① ② ③ ® N/A	69.7	① ② ③ ® N/A	65.9
87826	① ② ③ ® N/A	62.4	① ② ③ ® N/A	65.9	① ② ③ ® N/A	72.0	① ② ③ ® N/A	64.3	① ② ③ ® N/A	64.3	① ② ③ ® N/A	70.0	① ② ③ ® N/A	65.2
87823	① ② ③ ® N/A	62.7	① ② ③ ® N/A	67.2	① ② ③ ® N/A	72.7	① ② ③ ® N/A	67.0	① ② ③ ® N/A	69.0	① ② ③ ® N/A	69.7	① ② ③ ® N/A	65.6
87825	① ② ③ ® N/A	63.2	① ② ③ ® N/A	67.3	① ② ③ ® N/A	72.6	① ② ③ ® N/A	69.2	① ② ③ ® N/A	66.6	① ② ③ ® N/A	71.2	① ② ③ ® N/A	68.6
End Time (6.[16])	1521		1426		1628		1321		1317		1316		1316	
Initial (6.[16])	WO: FA WO:		WO: FA WO:		WO: FA WO:		WO: FA WO:		WO: [illegible] WO:		WO: [illegible] WO:		WO: [illegible] WO:	

ATTACHMENT 4
Page 3 of 3

Comments: No Comments

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Fabian Anaya	Fabian Anaya	174963	08-14-17
Fabian Anaya	Fabian Anaya	174963	08-15-17
Fabian Anaya	Fabian Anaya	174963	08-16-17
Fabian Anaya	Fabian Anaya	174963	08-17-17
Juan Garcia	[illegible]	169840	08-18-17
Juan Garcia	[illegible]	169840	08-19-17
Juan Garcia	Juan Garcia	169840	08-20-17

Waste Operator (print)	Signature	Z#	Date
N/A	N/A		
N/A	N/A		
N/A	N/A		
N/A	N/A		
N/A	N/A		
N/A	N/A		
N/A	N/A		

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

ATTACHMENT 2
Page 1 of 3

TA-54-0375 REFRIGERATOR AND CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE 1 *Drum 69417 is no longer considered a RNS drum by LANL or NMED.*
NOTE 2 ① = Cell 1; ② = Cell 2; ③ = Cell 3; ® = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 08-21-17/1300	Tuesday 6.[2] Date & Start Time: 08-22-17/1301	Wednesday 6.[2] Date & Start Time: 08-23-17/1337	Thursday 6.[2] Date & Start Time: 08-24-17/1430	Friday 6.[2]Date & Start Time: 08-25-17/1302	Saturday 6.[2] Date & Start Time: 08-26-17/1300	Sunday 6.[2] Date & Start Time: 08-27-17/1300
TA-54-0375 Cell 1							
Calibrated infrared thermometer (6.[3])	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868
Ambient Temperature (6.[4])	Cell 1: 65.7 °F	Cell 1: 70.9 °F	Cell 1: 66.0 °F	Cell 1: 63.6 °F	Cell 1: 67.4 °F	Cell 1: 69.0 °F	Cell 1: 70.2 °F
($) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT
Ambient Temperature (6.[7])	Refrig.: 34.3 °F	Refrig.: 38.1 °F	Refrig.: 34.4 °F	Refrig.: 33.7 °F	Refrig.: 37.3 °F	Refrig.: 33.2 °F	Refrig.: 37.9 °F
($) Ambient Refrig. Temp.: > 32°F and ≤ 41°F; SR 4.6.2.1, SAC 5.7.24 (6.[7])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
68685	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68540	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68553	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69445	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A

WORKING COPY
Z# 124927
INITIAL QA DATE 8-21-17

ATTACHMENT 2
Page 2 of 3

	Monday 6.[2]		Tuesday 6.[2]		Wednesday 6.[2]		Thursday 6.[2]		Friday 6.[2]		Saturday 6.[2]		Sunday 6.[2]	
TA-54-0375 Cell 1 (continued)														
69618	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69013	① ② ③ ® N/A	34.3	① ② ③ ® N/A	36.8	① ② ③ ® N/A	33.4	① ② ③ ® N/A	33.3	① ② ③ ® N/A	33.7	① ② ③ ® N/A	32.7	① ② ③ ® N/A	34.3
69490	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69076	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69280	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69208	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69079	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69636	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69616	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69417	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
69620	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69520	① ② ③ ® N/A	66.1	① ② ③ ® N/A	67.8	① ② ③ ® N/A	66.5	① ② ③ ® N/A	63.2	① ② ③ ® N/A	66.1	① ② ③ ® N/A	68.9	① ② ③ ® N/A	70.2
69641	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69298	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
92669	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
End Time (6.[16])	1305		1305		1341		1433		1305		1304		1304	
Initial (6.[16])	WO: MZ WO:		WO: EA WO:		WO: MZ WO:		WO: MZ WO:		WO: MZ WO: EP		WO: MZ WO:		WO: MZ WO:	

ATTACHMENT 2
Page 3 of 3

Comments:

No Comments

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
MATTHEW ZOCCO	Matthew Z	311676	08.21.17
Fabian Anaya	Fabian Anaya	174963	08-22-17
MATTHEW ZOCCO	Matthew Z	311676	08.23.17
MATTHEW ZOCCO	Matthew Z	311676	08.24.17
MATTHEW ZOCCO	Matthew Z	311676	08.25.17
MATTHEW ZOCCO	Matthew Z	311676	08.26.17
MATTHEW ZOCCO	Matthew Z	311676	08.27.17
Waste Operator (print)	Signature	Z#	Date

Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

ATTACHMENT 3
Page 1 of 3

TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE ① = Cell 1; ② = Cell 2; ③ = Cell 3; ® = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 08-21-17/1306		Tuesday 6.[2] Date & Start Time: 08-22-17/1306		Wednesday 6.[2] Date & Start Time: 08-23-17/1342		Thursday 6.[2] Date & Start Time: 08-24-17/1434		Friday 6.[2] Date & Start Time: 08-25-17/1306		Saturday 6.[2] Date & Start Time: 08-26-17/1305		Sunday 6.[2] Date & Start Time: 08-27-17/1305	
TA-54-0375 Cell 2														
Calibrated infrared thermometer (6.[3])	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868	
Ambient Temperature (6.[4])	Cell 2: 65.0 °F		Cell 2: 64.1 °F		Cell 2: 62.6 °F		Cell 2: 60.0 °F		Cell 2: 66.2 °F		Cell 2: 64.8 °F		Cell 2: 65.9 °F	
($) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT	
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)													
68408	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68638	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69615	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69635	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69642	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69630	① ② ③ ® N/A	35.8	① ② ③ ● N/A	37.1	① ② ③ ® N/A	34.9	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69633	① ② ③ ® N/A	34.8	① ② ③ ● N/A	38.3	① ② ③ ® N/A	35.0	① ② ③ ® N/A	33.8	① ② ③ ® N/A	34.7	① ② ③ ® N/A	33.5	① ② ③ ® N/A	35.1
68430	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68631	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69634	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A

ATTACHMENT 3
Page 2 of 3

	Monday 6.[2]		Tuesday 6.[2]		Wednesday 6.[2]		Thursday 6.[2]		Friday 6.[2]		Saturday 6.[2]		Sunday 6.[2]	
TA-54-0375 Cell 2 (continued)														
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)													
68567	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
94227	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68648	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69644	① ② ③ ® N/A	36.3	① ② ③ ● N/A	36.5	① ② ③ ® N/A	35.8	① ② ③ ® N/A	34.6	① ② ③ ® N/A	34.8	① ② ③ ® N/A	33.8 ~~N/A~~	① ② ③ ® N/A	37.4
69183	① ② ③ ® N/A	38.0	① ② ③ ● N/A	37.0	① ② ③ ® N/A	36.2	① ② ③ ® N/A	35.5	① ② ③ ® N/A	35.4	① ② ③ ® N/A	08-26-17 35.4	① ② ③ ® N/A	36.7
69638	① ② ③ ® N/A	38.8	① ② ③ ● N/A	39.0	① ② ③ ® N/A	38.0	① ② ③ ® N/A	36.6	① ② ③ ® N/A	35.9	① ② ③ ® N/A	36.3	① ② ③ ® N/A	37.0
68624	① ② ③ ® N/A	39.2	① ② ③ ● N/A	38.3	① ② ③ ® N/A	38.2	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68507	① ② ③ ® N/A	63.0	① ② ③ ® N/A	64.5	① ② ③ ® N/A	61.3	① ② ③ ® N/A	59.2	① ② ③ ® N/A	62.5	① ② ③ ® N/A	64.1	① ② ③ ® N/A	64.4
69568	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69553	① ② ③ ® N/A	37.0	① ② ③ ● N/A	38.2	① ② ③ ® N/A	37.6	① ② ③ ® N/A	36.1	① ② ③ ® N/A	36.0	① ② ③ ® N/A	35.9	① ② ③ ® N/A	37.1
69598	① ② ③ ® N/A	62.4	① ② ③ ® N/A	61.0	① ② ③ ® N/A	59.1	① ② ③ ® N/A	57.9	① ② ③ ® N/A	60.6	① ② ③ ® N/A	62.4	① ② ③ ® N/A	63.2
92472	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
92459	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69015	① ② ③ ® N/A	61.8	① ② ③ ® N/A	62.8	① ② ③ ® N/A	61.1	① ② ③ ® N/A	58.8	① ② ③ ® N/A	62.9	① ② ③ ® N/A	64.5	① ② ③ ® N/A	65.5
69639	① ② ③ ® N/A	62.5	① ② ③ ● N/A	38.6	① ② ③ ® N/A	38.1	① ② ③ ® N/A	36.6	① ② ③ ® N/A	35.8	① ② ③ ® N/A	36.8	① ② ③ ® N/A	37.1
69637	① ② ③ ® N/A	63.1	① ② ③ ● N/A	39.3	① ② ③ ® N/A	39.5	① ② ③ ® N/A	37.7	① ② ③ ® N/A	36.1	① ② ③ ® N/A	36.8	① ② ③ ® N/A	38.3
End Time (6.[16])	1308		1309		1344		1436		1308		1306		1307	
Initial (6.[16])	WO: MZ WO:		WO: FA WO:		WO: MZ WO:		WO: MZ WO:		WO: MZ WO:		WO: MZ WO:		WO: MZ WO:	

ATTACHMENT 3
Page 3 of 3

Comments:
No Comments

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
MATTHEW ZOCCO	Matthew Z	311676	08.21.17
Fabian Anaya	Fabian Anaya	174963	08-22-17
MATTHEW ZOCCO	Matthew Z	311676	08.23.17
MATTHEW ZOCCO	Matthew Z	311676	08.24.17
MATTHEW ZOCCO	Matthew Z	311676	08.25.17
MATTHEW ZOCCO	Matthew Z	311676	08.26.17
MATTHEW ZOCCO	Matthew Z	311676	08.27.17

Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

ATTACHMENT 4
Page 1 of 3

TA-54-0375 CELL 3 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE ① = Cell 1; ② = Cell 2; ③ = Cell 3; ® = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 08·21·17/1309	Tuesday 6.[2] Date & Start Time: 08·22·17/1310	Wednesday 6.[2] Date & Start Time: 08·23·17/1345	Thursday 6.[2] Date & Start Time: 08·24·17/1437	Friday 6.[2] Date & Start Time: 08·25·17/1309	Saturday 6.[2] Date & Start Time: 08·26·17/1307	Sunday 6.[2] Date & Start Time: 08·27·17/1308
TA-54-0375 Cell 3							
Calibrated infrared thermometer (6.[3])	Brand: Fluke Model: 561 Cal. Due Date: 12·19·17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12·19·17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12·19·17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12·19·17 File Number 103868	Brand: FLUKE Model: 561 Cal. Due Date: 12·19·17 File Number 103868	Brand: FLUKE Model: 561 Cal. Due Date: 12·19·17 File Number 103868	Brand: FLUKE Model: 561 Cal. Due Date: 12·19·17 File Number 103868
Ambient Temperature (6.[4])	Cell 3: 64.6 °F	Cell 3: 69.3 °F	Cell 3: 65.2 °F	Cell 3: 62.8 °F	Cell 3: 66.7 °F	Cell 3: 68.5 °F	Cell 3: 69.6 °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
69519	① ② ③ ® N/A	62.6	① ② ③ ® N/A	65.0	① ② ③ ® N/A	62.4	① ② ③ ® N/A	61.4	① ② ③ ® N/A	64.2	① ② ③ ® N/A	67.2	① ② ③ ® N/A	67.4
69645	① ② ③ ® N/A	61.0	① ② ③ ® N/A	63.1	① ② ③ ® N/A	60.5	① ② ③ ® N/A	58.1	① ② ③ ® N/A	36.7	① ② ③ ® N/A	37.5	① ② ③ ® N/A	38.9
94068	① ② ③ ® N/A	62.7	① ② ③ ® N/A	65.5	① ② ③ ® N/A	62.1	① ② ③ ® N/A	60.5	① ② ③ ® N/A	64.8	① ② ③ ® N/A	67.6	① ② ③ ® N/A	67.6
93605	① ② ③ ® N/A	62.3	① ② ③ ® N/A	65.6	① ② ③ ® N/A	63.0	① ② ③ ® N/A	60.2	① ② ③ ® N/A	65.1	① ② ③ ® N/A	67.0	① ② ③ ® N/A	67.7
69548	① ② ③ ® N/A	63.7	① ② ③ ® N/A	67.1	① ② ③ ® N/A	63.9	① ② ③ ® N/A	61.5	① ② ③ ® N/A	65.5	① ② ③ ® N/A	67.5	① ② ③ ® N/A	68.7

ATTACHMENT 4
Page 2 of 3

	Monday 6.[2]		Tuesday 6.[2]		Wednesday 6.[2]		Thursday 6.[2]		Friday 6.[2]		Saturday 6.[2]		Sunday 6.[2]	
TA-54-0375 Cell 3 (continued)														
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)													
69604	① ② ③ ® N/A	62.4	① ② ③ ® N/A	64.8	① ② ③ ® N/A	62.6	① ② ③ ® N/A	60.4	① ② ③ ® N/A	65.2	① ② ③ ® N/A	67.0	① ② ③ ® N/A	67.7
68665	① ② ③ ® N/A	60.8	① ② ③ ® N/A	64.2	① ② ③ ® N/A	60.6	① ② ③ ® N/A	59.0	① ② ③ ® N/A	35.9	① ② ③ ® N/A	37.4	① ② ③ ® N/A	38.9
69595	① ② ③ ® N/A	62.2	① ② ③ ® N/A	64.7	① ② ③ ® N/A	62.3	① ② ③ ® N/A	60.1	① ② ③ ® N/A	65.4	① ② ③ ® N/A	66.5	① ② ③ ® N/A	67.6
69036	① ② ③ ® N/A	62.6	① ② ③ ® N/A	66.5	① ② ③ ® N/A	63.0	① ② ③ ® N/A	60.5	① ② ③ ® N/A	66.8	① ② ③ ® N/A	67.2	① ② ③ ® N/A	68.9
69361	① ② ③ ® N/A	62.7	① ② ③ ® N/A	65.7	① ② ③ ® N/A	63.6	① ② ③ ® N/A	60.2	① ② ③ ® N/A	65.1	① ② ③ ® N/A	67.0	① ② ③ ® N/A	68.2
69559	① ② ③ ® N/A	62.5	① ② ③ ® N/A	65.5	① ② ③ ® N/A	62.9	① ② ③ ® N/A	61.9	① ② ③ ® N/A	64.5	① ② ③ ® N/A	67.2	① ② ③ ® N/A	67.6
69491	① ② ③ ® N/A	62.6	① ② ③ ® N/A	66.3	① ② ③ ® N/A	63.3	① ② ③ ® N/A	61.0	① ② ③ ® N/A	64.9	① ② ③ ® N/A	67.2	① ② ③ ® N/A	67.8
87827	① ② ③ ® N/A	63.4	① ② ③ ® N/A	67.9	① ② ③ ® N/A	64.0	① ② ③ ® N/A	62.6	① ② ③ ® N/A	66.9	① ② ③ ® N/A	68.9	① ② ③ ® N/A	70.5
87826	① ② ③ ® N/A	63.5	① ② ③ ® N/A	66.7	① ② ③ ® N/A	64.1	① ② ③ ® N/A	61.6	① ② ③ ® N/A	67.3	① ② ③ ® N/A	68.2	① ② ③ ® N/A	68.6
87823	① ② ③ ® N/A	65.3	① ② ③ ® N/A	68.3	① ② ③ ® N/A	65.7	① ② ③ ® N/A	63.9	① ② ③ ® N/A	67.1	① ② ③ ® N/A	68.2	① ② ③ ® N/A	69.5
87825	① ② ③ ® N/A	66.2	① ② ③ ® N/A	70.7	① ② ③ ® N/A	66.0	① ② ③ ® N/A	64.4	① ② ③ ® N/A	70.0	① ② ③ ® N/A	70.2	① ② ③ ® N/A	70.2
End Time (6.[16])	1312		1316		1350		1440		1312		1311		1312	
Initial (6.[16])	WO: MZ WO:		WO: ~~FA~~ WO:		WO: MZ WO:		WO: MZ WO:		WO: MZ WO:		WO: MZ WO:		WO: MZ WO:	

ATTACHMENT 4
Page 3 of 3

Comments:

No Comments

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
MATTHEW ZOCCO	Matthew Zocco	311676	08.21.17
Fabian Anaya	Fabian Anaya	174963	08-22-17
MATTHEW ZOCCO	Matthew Zocco	311676	08.23.17
MATTHEW ZOCCO	Matthew Zocco	311676	08.24.17
MATTHEW ZOCCO	Matthew Zocco	311676	08.25.17
MATTHEW ZOCCO	Matthew Zocco	311676	08.26.17
MATTHEW ZOCCO	Matthew Zocco	311676	08.27.17

Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

ATTACHMENT 2
Page 1 of 3

TA-54-0375 REFRIGERATOR AND CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE 1 *Drum 69417 is no longer considered a RNS drum by LANL or NMED.*
NOTE 2 ① = Cell 1; ② = Cell 2; ③ = Cell 3; ® = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 08-28-17 / 1543	Tuesday 6.[2] Date & Start Time: 08-29-17 / 1301	Wednesday 6.[2] Date & Start Time: 08-30-17 / 1301	Thursday 6.[2] Date & Start Time: 08-31-17 / 1446	Friday 6.[2]Date & Start Time: 09-01-17 / 1300	Saturday 6.[2] Date & Start Time: 09-02-17 / 1300	Sunday 6.[2] Date & Start Time: 09-03-17 / 1300
TA-54-0375 Cell 1							
Calibrated infrared thermometer (6.[3])	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868
Ambient Temperature (6.[4])	Cell 1: 71.4 °F	Cell 1: 71.0 °F	Cell 1: 69.8 °F	Cell 1: 70.3 °F	Cell 1: 70.4 °F	Cell 1: 70.2 °F	Cell 1: 69.2 °F
($) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT
Ambient Temperature (6.[7])	Refrig.: 34.5 °F	Refrig.: 38.9 °F	Refrig.: 39.7 °F	Refrig.: 35.6 °F	Refrig.: 37.0 °F	Refrig.: 39.0 °F	Refrig.: 39.0 °F
($) Ambient Refrig. Temp.: > 32°F and ≤ 41°F; SR 4.6.2.1, SAC 5.7.24 (6.[7])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
68685	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68540	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68553	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69445	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A

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INITIAL QA DATE 8-28-17

ATTACHMENT 2

Page 2 of 3

	Monday 6.[2]		Tuesday 6.[2]		Wednesday 6.[2]		Thursday 6.[2]		Friday 6.[2]		Saturday 6.[2]		Sunday 6.[2]	
TA-54-0375 Cell 1 (continued)														
69618	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69013	① ② ③ ● N/A	33.2	① ② ③ ● N/A	34.1	① ② ③ ● N/A	34.0	① ② ③ ● N/A	33.4	① ② ③ ● N/A	34.2	① ② ③ ● N/A	33.7	① ② ③ ● N/A	35.0
69490	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69076	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69280	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69208	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69079	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69636	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69616	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69417	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
69620	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69520	① ② ③ ® N/A	70.9	① ② ③ ® N/A	66.1	① ② ③ ® N/A	65.3	① ② ③ ® N/A	67.0	① ② ③ ® N/A	64.8	① ② ③ ® N/A	64.2	① ② ③ ® N/A	64.2
69641	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69298	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
92669	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
End Time (6.[16])	1544 [illegible]		1305		1307		1448		1305		1305		1305	
Initial (6.[16])	WO: [illegible] WO: N/A		WO: [illegible] WO: N/A		WO: [illegible] WO: N/A		WO: [illegible] WO: N/A		WO: [illegible] WO: N/A		WO: [illegible] WO: N/A		WO: [illegible] WO: N/A	

ATTACHMENT 2
Page 3 of 3

Comments:

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Leon Montoya		191526	08-28-17
Leon Montoya		191526	08-29-17
Leon Montoya		191526	08-30-17
Leon Montoya		191526	08-31-17
Juan Garcia		169840	09-01-17
Juan Garcia		169840	09-02-17
Juan Garcia		169840	09-03-17

Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

ATTACHMENT 3
Page 1 of 3

TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE ① = Cell 1; ② = Cell 2; ③ = Cell 3; ® = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 08-28-17/1545	Tuesday 6.[2] Date & Start Time: 08-29-17/1306	Wednesday 6.[2] Date & Start Time: 08-30-17/1308	Thursday 6.[2] Date & Start Time: 08-31-17/1449	Friday 6.[2] Date & Start Time: 09-01-17/1306	Saturday 6.[2] Date & Start Time: 09-02-17/1306	Sunday 6.[2] Date & Start Time: 09-03-17/1306
TA-54-0375 Cell 2							
Calibrated infrared thermometer (6.[3])	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868
Ambient Temperature (6.[4])	Cell 2: 67.5 °F	Cell 2: 63.3 °F	Cell 2: 63.0 °F	Cell 2: 65.2 °F	Cell 2: 62.6 °F	Cell 2: 60.8 °F	Cell 2: 62.8 °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
68408	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68638	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69615	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69635	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69642	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69630	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69633	① ② ③ ● N/A	35.8	① ② ③ ● N/A	36.1	① ② ③ ● N/A	34.9	① ② ③ ● N/A	34.1	① ② ③ ● N/A	34.6	① ② ③ ● N/A	34.5	① ② ③ ● N/A	35.8
68430	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68631	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69634	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A

ATTACHMENT 3

Page 2 of 3

	Monday 6.[2]		Tuesday 6.[2]		Wednesday 6.[2]		Thursday 6.[2]		Friday 6.[2]		Saturday 6.[2]		Sunday 6.[2]	
TA-54-0375 Cell 2 (continued)														
Container ID #	**Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)**													
68567	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
94227	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68648	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69644	① ② ③ ● N/A	36.0	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69183	① ② ③ ● N/A	36.5	① ② ③ ● N/A	35.6	① ② ③ ● N/A	35.1	① ② ③ ® N/A	N/A 35 [illegible]	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69638	① ② ③ ● N/A	37.3	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68624	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68507	① ② ③ ® N/A	67.9	① ② ③ ® N/A	63.1	① ② ③ ® N/A	61.8	① ② ③ ® N/A	66.2	① ② ③ ® N/A	62.3	① ② ③ ® N/A	61.5	① ② ③ ® N/A	62.7
69568	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69553	① ② ③ ● N/A	36.7	① ② ③ ● N/A	36.7	① ② ③ ● N/A	35.1	① ② ③ ● N/A	35.8	① ② ③ ● N/A	34.8	① ② ③ ● N/A	34.3	① ② ③ ● N/A	36.4
69598	① ② ③ ® N/A	64.3	① ② ③ ® N/A	60.1	① ② ③ ® N/A	59.9	① ② ③ ® N/A	61.7	① ② ③ ® N/A	59.1	① ② ③ ® N/A	60.1	① ② ③ ® N/A	58.8
92472	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
92459	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69015	① ② ③ ® N/A	67.1	① ② ③ ® N/A	63.1	① ② ③ ® N/A	62.1	① ② ③ ® N/A	64.5	① ② ③ ® N/A	62.3	① ② ③ ® N/A	60.9	① ② ③ ® N/A	62.9
69639	① ② ③ ● N/A	37.6	① ② ③ ● N/A	36.1	① ② ③ ● N/A	36.0	① ② ③ ● N/A	38.1	① ② ③ ● N/A	36.0	① ② ③ ● N/A	35.2	① ② ③ ● N/A	35.7
69637	① ② ③ ● N/A	38.7	① ② ③ ● N/A	36.2	① ② ③ ● N/A	36.6	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
End Time (6.[16])	1550		1309		1311		1455		1310		1310		1310	
Initial (6.[16])	WO: LM WO: N/A		WO: LM WO: N/A		WO: LM WO: N/A		WO: LM WO: N/A		WO: [illegible] WO: N/A		WO: [illegible] WO: N/A		WO: [illegible] WO: N/A	

ATTACHMENT 3
Page 3 of 3

Comments:

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Juan montoya		191526	08-28-17
Juan montoya		191526	08-29-17
Juan montoya		191526	08-30-17
Juan montoya		191526	08-31-17
Juan Garcia		169840	09-01-17
Juan Garcia		169840	09-02-17
Juan Garcia		169840	09-03-17

Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

ATTACHMENT 4
Page 1 of 3

TA-54-0375 CELL 3 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE ① = Cell 1; ② = Cell 2; ③ = Cell 3; ® = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 08-28-17/1957	Tuesday 6.[2] Date & Start Time: 08-29-17/1310	Wednesday 6.[2] Date & Start Time: 08-30-17/1312	Thursday 6.[2] Date & Start Time: 08-31-17/1456	Friday 6.[2] Date & Start Time: 09-01-17/1311	Saturday 6.[2] Date & Start Time: 09-02-17/1311	Sunday 6.[2] Date & Start Time: 09-03-17/1311
TA-54-0375 Cell 3							
Calibrated infrared thermometer (6.[3])	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868
Ambient Temperature (6.[4])	Cell 3: 72.5 °F	Cell 3: 68.1 °F	Cell 3: 67.9 °F	Cell 3: 69.2 °F	Cell 3: 68.4 °F	Cell 3: 66.6 °F	Cell 3: 67.8 °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
69519	① ② ③ ® N/A	69.6	65.0	65.5	66.5	64.8	63.4	64.9
69645	① ② ③ N/A	38.0	37.3	36.4	39.4	35.4	34.7	36.7
94068	① ② ③ ® N/A	70.3	66.1	65.5	68.0	64.6	64.0	63.9
93605	① ② ③ ® N/A	70.5	65.5	65.4	67.6	65.5	64.2	65.0
69548	① ② ③ ® N/A	71.3	66.1	65.8	68.7	65.8	63.8	65.0

ATTACHMENT 4
Page 2 of 3

	Monday 6.[2]		Tuesday 6.[2]		Wednesday 6.[2]		Thursday 6.[2]		Friday 6.[2]		Saturday 6.[2]		Sunday 6.[2]	
TA-54-0375 Cell 3 (continued)														
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)													
69604	① ② ③ ® N/A	69.7	① ② ③ ® N/A	66.4	① ② ③ ® N/A	65.7	① ② ③ ® N/A	67.2	① ② ③ ® N/A	65.5	① ② ③ ® N/A	62.8	① ② ③ ® N/A	65.5
68665	① ② ③ ● N/A	38.3	① ② ③ ● N/A	37.5	① ② ③ ● N/A	37.6	① ② ③ ● N/A	39.0	① ② ③ ● N/A	35.6	① ② ③ ● N/A	34.3	① ② ③ ● N/A	36.1
69595	① ② ③ ® N/A	69.4	① ② ③ ® N/A	65.7	① ② ③ ® N/A	65.0	① ② ③ ® N/A	67.6	① ② ③ ® N/A	64.9	① ② ③ ® N/A	64.6	① ② ③ ® N/A	65.7
69036	① ② ③ ® N/A	70.5	① ② ③ ® N/A	66.2	① ② ③ ● N/A	36.8	① ② ③ ● N/A	40.6	① ② ③ ● N/A	36.2	① ② ③ ● N/A	36.3	① ② ③ ● N/A	36.8
69361	① ② ③ ® N/A	71.2	① ② ③ ® N/A	65.9	① ② ③ ● N/A	38.0	① ② ③ ● N/A	39.9	① ② ③ ● N/A	35.5	① ② ③ ● N/A	34.5	① ② ③ ● N/A	36.6
69559	① ② ③ ® N/A	70.2	① ② ③ ® N/A	66.0	① ② ③ ® N/A	65.4	① ② ③ ® N/A	67.5	① ② ③ ® N/A	65.6	① ② ③ ® N/A	64.1	① ② ③ ® N/A	66.3
69491	① ② ③ ® N/A	69.6	① ② ③ ® N/A	66.3	① ② ③ ® N/A	66.0	① ② ③ ® N/A	67.4	① ② ③ ® N/A	66.0	① ② ③ ® N/A	64.7	① ② ③ ® N/A	66.4
87827	① ② ③ ® N/A	71.4	① ② ③ ® N/A	68.4	① ② ③ ® N/A	67.5	① ② ③ ® N/A	69.4	① ② ③ ® N/A	67.4	① ② ③ ® N/A	65.7	① ② ③ ® N/A	67.2
87826	① ② ③ ® N/A	71.4	① ② ③ ® N/A	68.3	① ② ③ ® N/A	67.2	① ② ③ ® N/A	68.0	① ② ③ ® N/A	67.7	① ② ③ ® N/A	66.4	① ② ③ ® N/A	69.3
87823	① ② ③ ® N/A	72.3	① ② ③ ® N/A	68.5	① ② ③ ® N/A	67.1	① ② ③ ® N/A	68.8	① ② ③ ® N/A	68.3	① ② ③ ® N/A	66.7	① ② ③ ® N/A	69.0
87825	① ② ③ ® N/A	75.3	① ② ③ ® N/A	20.5	① ② ③ ® N/A	69.0	① ② ③ ® N/A	71.6	① ② ③ ® N/A	67.0	① ② ③ ® N/A	67.0	① ② ③ ® N/A	69.1
End Time (6.[16])	1556		1316		1315		1503		1315		1315		1315	
Initial (6.[16])	WO: LM WO: N/A		WO: LM WO: N/A		WO: LM WO: N/A		WO: LM WO: N/A		WO: [illegible] WO: N/A		WO: [illegible] WO: N/A		WO: [illegible] WO: N/A	

ATTACHMENT 4
Page 3 of 3

Comments:

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Luis Montoya		191526	08-28-17
Luis Montoya		191526	08-29-17
Luis Montoya		191526	08-30-17
Luis Montoya		191526	08-31-17
Juan Garcia		169840	09-01-17
Juan Garcia		169840	09-02-17
Juan Garcia		169840	09-03-17

Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

ATTACHMENT 2
Page 1 of 3

TA-54-0375 REFRIGERATOR AND CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE 1 *Drum 69417 is no longer considered a RNS drum by LANL or NMED.*
NOTE 2 ① = Cell 1; ② = Cell 2; ③ = Cell 3; ® = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 9-04-17/1301	Tuesday 6.[2] Date & Start Time: 9-05-17/1305	Wednesday 6.[2] Date & Start Time: 9-06-17/1300	Thursday 6.[2] Date & Start Time: 9-07-17/1300	Friday 6.[2]Date & Start Time: 9-08-17/1300	Saturday 6.[2] Date & Start Time: 9-09-17/1300	Sunday 6.[2] Date & Start Time: 9-10-17/1300
TA-54-0375 Cell 1							
Calibrated infrared thermometer (6.[3])	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868
Ambient Temperature (6.[4])	Cell 1: 71.3 °F	Cell 1: 69.3 °F	Cell 1: 69.8 °F	Cell 1: 69.6 °F	Cell 1: 69.3 °F	Cell 1: 68.9 °F	Cell 1: 68.7 °F
($) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT
Ambient Temperature (6.[7])	Refrig.: 36.0 °F	Refrig.: 35.4 °F	Refrig.: 33.9 °F	Refrig.: 39.3 °F	Refrig.: 36.2 °F	Refrig.: 36.4 °F	Refrig.: 38.1 °F
($) Ambient Refrig. Temp.: > 32°F and ≤ 41°F; SR 4.6.2.1, SAC 5.7.24 (6.[7])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
68685	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68540	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68553	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69445	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A

Z# 174977
INITIAL QA DATE 09-04-17

ATTACHMENT 2
Page 2 of 3

	Monday 6.[2]		Tuesday 6.[2]		Wednesday 6.[2]		Thursday 6.[2]		Friday 6.[2]		Saturday 6.[2]		Sunday 6.[2]	
TA-54-0375 Cell 1 (continued)														
69618	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
69013	① ② ③ ● N/A	33.7	① ② ③ ● N/A	33.5	① ② ③ ● N/A	33.0	① ② ③ ● N/A	37.0	① ② ③ ● N/A	32.9	① ② ③ ● N/A	32.5	① ② ③ ● N/A	34.3
69490	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
69076	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
69280	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
69208	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
69079	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
69636	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
69616	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
69417	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
69620	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
69520	✓① ② ③ ® N/A	68.7	✓① ② ③ ® N/A	67.1	✓① ② ③ ® N/A	64.3	✓① ② ③ ® N/A	67.8	✓① ② ③ ® N/A	66.2	✓① ② ③ ® N/A	64.8	✓① ② ③ ® N/A	64.4
69641	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
69298	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
92669	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
End Time (6.[16])	1307		1312		1310		1309		1307		1308		1309	
Initial (6.[16])	WO: Lm WO: N/A		WO: Lm WO: N/A		WO: Lm WO: N/A		WO: Lm WO: N/A		WO: Lm WO: N/A		WO: Lm WO: N/A		WO: Lm WO: N/A	

ATTACHMENT 2
Page 3 of 3

Comments:

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Leon Montoya		191526	09-04-17
Leon Montoya		191526	09-05-17
Leon Montoya		191526	09-06-17
Leon Montoya		191526	09-07-17
Leon Montoya		191526	09-08-17
Leon Montoya		191526	09-09-17
Leon Montoya		191526	09-10-17

Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

ATTACHMENT 3
Page 1 of 3

TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE ① = Cell 1; ② = Cell 2; ③ = Cell 3; ® = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 9-04-17 / 1308	Tuesday 6.[2] Date & Start Time: 9-05-17 / 1313	Wednesday 6.[2] Date & Start Time: 9-06-17 / 1311	Thursday 6.[2] Date & Start Time: 9-07-17 / 1310	Friday 6.[2] Date & Start Time: 9-08-17 / 1308	Saturday 6.[2] Date & Start Time: 9-09-17 / 1309	Sunday 6.[2] Date & Start Time: 9-10-17 / 1310
TA-54-0375 Cell 2							
Calibrated infrared thermometer (6.[3])	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868
Ambient Temperature (6.[4])	Cell 2: 67.5 °F	Cell 2: 60.1 °F	Cell 2: 60.4 °F	Cell 2: 62.7 °F	Cell 2: 62.4 °F	Cell 2: 62.1 °F	Cell 2: 61.8 °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
68408	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68638	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69615	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69635	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69642	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69630	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69633	① ② ③ ● N/A	34.0	① ② ③ ● N/A	35.8	① ② ③ ● N/A	35.3	① ② ③ ● N/A	39.6	① ② ③ ● N/A	33.7	① ② ③ ● N/A	33.1	① ② ③ ● N/A	34.6
68430	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68631	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69634	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A

ATTACHMENT 3

Page 2 of 3

	Monday 6.[2]		Tuesday 6.[2]		Wednesday 6.[2]		Thursday 6.[2]		Friday 6.[2]		Saturday 6.[2]		Sunday 6.[2]	
TA-54-0375 Cell 2 (continued)														
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)													
68567	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
94227	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
68648	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
69644	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
69183	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
69638	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
68624	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
68507	① ② ③ ® N/A	63.5	① ② ③ ® N/A	59.4	① ② ③ ● N/A	36.1	① ② ③ ● N/A	39.7	① ② ③ ● N/A	35.3	① ② ③ ● N/A	33.8	① ② ③ ● N/A	35.4
69568	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
69553	① ② ③ ● N/A	36.2	① ② ③ ● N/A	36.5	① ② ③ ● N/A	36.2	① ② ③ ● N/A	39.3	① ② ③ ● N/A	35.2	① ② ③ ● N/A	33.4	① ② ③ ● N/A	35.1
69598	① ② ③ ® N/A	61.5	① ② ③ ® N/A	57.8	① ② ③ ® N/A	56.7	① ② ③ ® N/A	58.8	① ② ③ ® N/A	58.4	① ② ③ ® N/A	58.4	① ② ③ ® N/A	59.1
92472	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
92459	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
69015	① ② ③ ® N/A	63.9	① ② ③ ® N/A	60.2	① ② ③ ● N/A	36.9	① ② ③ ● N/A	39.6	① ② ③ ● N/A	35.7	① ② ③ ● N/A	34.9	① ② ③ ● N/A	36.6
69639	① ② ③ ● N/A	35.7	① ② ③ ● N/A	35.9	① ② ③ ● N/A	37.3	① ② ③ ● N/A	40.1	① ② ③ ● N/A	36.1	① ② ③ ● N/A	34.8	① ② ③ ● N/A	36.9
69637	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/C
End Time (6.[16])	1313		1317		1313		1314		1315		1312		1313	
Initial (6.[16])	WO: LM WO: NA		WO: LM WO: N/A		WO: LM WO: N/A		WO: LM WO: N/A		WO: LM WO: N/A		WO: LM WO: N/A		WO: LM WO: N/A	

ATTACHMENT 3
Page 3 of 3

Comments:

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Leon montoya		191526	08-04-17
Leon montoya		191526	09-05-17
Leon montoya		191526	09-06-17
Leon montoya		191526	09-07-17
Leon montoya		191526	09-08-17
Leon montoya		191526	09-09-17
Leon montoya		191526	09-10-17

Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

ATTACHMENT 4
Page 1 of 3

TA-54-0375 CELL 3 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE ① = Cell 1; ② = Cell 2; ③ = Cell 3; ® = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 9-04-17 / 1314	Tuesday 6.[2] Date & Start Time: 9-05-17 / 1318	Wednesday 6.[2] Date & Start Time: 9-06-17 / 1314	Thursday 6.[2] Date & Start Time: 9-07-17 / 1315	Friday 6.[2] Date & Start Time: 9-08-17 / 1316	Saturday 6.[2] Date & Start Time: 9-09-17 / 1313	Sunday 6.[2] Date & Start Time: 9-10-17 / 1314
TA-54-0375 Cell 3							
Calibrated infrared thermometer (6.[3])	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868
Ambient Temperature (6.[4])	Cell 3: 69.3 °F	Cell 3: 65.2 °F	Cell 3: 65.3 °F	Cell 3: 66.7 °F	Cell 3: 66.1 °F	Cell 3: 67.2 °F	Cell 3: 66.9 °F
($) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
69519	① ② ③ ® N/A	66.0	62.6	62.9	64.7	63.5	63.9	64.1
69645	① ② ③ ® N/A	36.3	38.5	38.0	41.1	38.1	34.8	36.2
94068	① ② ③ ® N/A	67.7	63.4	63.2	64.9	64.5	64.9	63.8
93605	① ② ③ ® N/A	67.2	63.6	63.1	64.8	64.4	64.8	64.5
69548	① ② ③ ® N/A	68.1	64.7	63.7	65.1	65.0	65.1	65.1

ATTACHMENT 4
Page 2 of 3

	Monday 6.[2]		Tuesday 6.[2]		Wednesday 6.[2]		Thursday 6.[2]		Friday 6.[2]		Saturday 6.[2]		Sunday 6.[2]	
TA-54-0375 Cell 3 (continued)														
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)													
69604	① ② ③ ® N/A	67.1	① ② ③ ® N/A	63.8	① ② ③ ® N/A	63.4	① ② ③ ® N/A	64.6	① ② ③ ® N/A	65.0	① ② ③ ® N/A	65.2	① ② ③ ® N/A	63.7
68665	① ② ③ ● N/A	36.8	① ② ③ ● N/A	38.4	① ② ③ ● N/A	39.1	① ② ③ ● N/A	40.9	① ② ③ ● N/A	37.1	① ② ③ ● N/A	37.6	① ② ③ ● N/A	36.1
69595	① ② ③ ® N/A	67.8	① ② ③ ® N/A	63.4	① ② ③ ® N/A	63.0	① ② ③ ® N/A	64.2	① ② ③ ® N/A	64.5	① ② ③ ® N/A	64.8	① ② ③ ® N/A	64.1
69036	① ② ③ ● N/A	36.6	① ② ③ ● N/A	38.6	① ② ③ ● N/A	39.8	① ② ③ ● N/A	42.3	① ② ③ ● N/A	37.8	① ② ③ ● N/A	38.1	① ② ③ ● N/A	38.9
69361	① ② ③ ● N/A	37.6	① ② ③ ● N/A	38.7	① ② ③ ● N/A	39.7	① ② ③ ● N/A	42.0	① ② ③ ● N/A	38.0	① ② ③ ● N/A	35.5	① ② ③ ● N/A	37.2
69559	① ② ③ ® N/A	67.3	① ② ③ ® N/A	64.1	① ② ③ ® N/A	64.0	① ② ③ ® N/A	64.9	① ② ③ ® N/A	64.7	① ② ③ ® N/A	64.3	① ② ③ ® N/A	64.8
69491	① ② ③ ® N/A	67.2	① ② ③ ® N/A	64.2	① ② ③ ® N/A	63.9	① ② ③ ® N/A	64.8	① ② ③ ® N/A	65.0	① ② ③ ® N/A	65.2	① ② ③ ® N/A	65.4
87827	① ② ③ ® N/A	69.3 ~~67.8~~	① ② ③ ® N/A	66.1	① ② ③ ® N/A	67.4	① ② ③ ® N/A	66.9	① ② ③ ® N/A	66.0	① ② ③ ® N/A	66.6	① ② ③ ® N/A	66.9
87826	① ② ③ ® N/A	~~67.7~~ 69.4	① ② ③ ® N/A	65.2	① ② ③ ® N/A	65.8	① ② ③ ® N/A	66.3	① ② ③ ® N/A	66.8	① ② ③ ® N/A	66.9	① ② ③ ® N/A	66.3
87823	① ② ③ ® N/A	69.0	① ② ③ ® N/A	67.0	① ② ③ ® N/A	67.2	① ② ③ ® N/A	67.1	① ② ③ ® N/A	66.4	① ② ③ ® N/A	66.8	① ② ③ ® N/A	68.0
87825	① ② ③ ® N/A	70.1	① ② ③ ® N/A	69.5	① ② ③ ® N/A	68.9	① ② ③ ® N/A	68.9	① ② ③ ® N/A	68.9	① ② ③ ® N/A	69.1	① ② ③ ® N/A	68.6
End Time (6.[16])	1319		1329		1317		1320		1320		1320		1319	
Initial (6.[16])	WO: LM WO: N/A		WO: LM WO: N/A		WO: LM WO: N/A		WO: LM WO: N/A		WO: LM WO: N/A		WO: LM WO: N/A		WO: LM WO: N/A	

ATTACHMENT 4
Page 3 of 3

Comments:

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Leon Montoya		191526	09-04-17
Leon Montoya		191526	09-05-17
Leon Montoya		191526	09-06-17
Leon Montoya		191526	09-07-17
Leon Montoya		191526	09-08-17
Leon Montoya		191526	09-09-17
Leon Montoya		191526	09-10-17

Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

ATTACHMENT 2
Page 1 of 3

TA-54-0375 REFRIGERATOR AND CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE 1 *Drum 69417 is no longer considered a RNS drum by LANL or NMED.*
NOTE 2 ① = Cell 1; ② = Cell 2; ③ = Cell 3; ® = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 9-11-17/1306	Tuesday 6.[2] Date & Start Time: 9-12-17/1305	Wednesday 6.[2] Date & Start Time: 9-13-17/1309	Thursday 6.[2] Date & Start Time: 9-14-17/1325	Friday 6.[2]Date & Start Time: 9-15-17/1301	Saturday 6.[2] Date & Start Time: 09-16-17/1302	Sunday 6.[2] Date & Start Time: 09-17-17/1302
TA-54-0375 Cell 1							
Calibrated infrared thermometer (6.[3])	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868
Ambient Temperature (6.[4])	Cell 1: 69.9 °F	Cell 1: 70.3 °F	Cell 1: 69.7 °F	Cell 1: 63.2 °F	Cell 1: 66.2 °F	Cell 1: 66.2 °F	Cell 1: 65.8 °F
($) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT
Ambient Temperature (6.[7])	Refrig.: 36.7 °F	Refrig.: 34.7 °F	Refrig.: 35.5 °F	Refrig.: 33.8 °F	Refrig.: 36.0 °F	Refrig.: 34.2 °F	Refrig.: 37.1 °F
($) Ambient Refrig. Temp.: > 32°F and ≤ 41°F; SR 4.6.2.1, SAC 5.7.24 (6.[7])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
68685	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68540	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68553	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69445	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A

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INITIAL JA DATE 9-11-17

ATTACHMENT 2

Page 2 of 3

	Monday 6.[2]		Tuesday 6.[2]		Wednesday 6.[2]		Thursday 6.[2]		Friday 6.[2]		Saturday 6.[2]		Sunday 6.[2]	
TA-54-0375 Cell 1 (continued)														
69618	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69013	① ② ③ ● N/A	39.3	① ② ③ ● N/A	33.7	① ② ③ ● N/A	33.4	① ② ③ ● N/A	34.7	① ② ③ ● N/A	35.3	① ② ③ ● N/A	32.8	① ② ③ ● N/A	33.3
69490	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69076	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69280	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69208	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69079	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69636	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69616	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69417	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
69620	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69520	① ② ③ ® N/A	66.9	① ② ③ ® N/A	69.7	① ② ③ ® N/A	69.8	① ② ③ ® N/A	61.9	① ② ③ ● N/A	39.1 N/A	① ② ③ ● N/A	33.0	① ② ③ ● N/A	33.6
69641	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69298	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
92669	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
End Time (6.[16])	1309		1309		1313		1341		1305		1305		1306	
Initial (6.[16])	WO: FA WO:		WO: FA WO:		WO: FA WO:		WO: FA WO:		WO: FA WO:		WO: FA WO:		WO: FA WO:	

ATTACHMENT 2
Page 3 of 3

Comments:
No Comments

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Fabian Anaya	Fabian Anaya	174963	09-11-17
Fabian Anaya	Fabian Anaya	174963	09-12-17
Fabian Anaya	Fabian Anaya	174963	09-13-17
Fabian Anaya	Fabian Anaya	174963	09-14-17
Fabian Anaya	Fabian Anaya	174963	09-15-17
Fabian Anaya	Fabian Anaya	174963	09-16-17
Fabian Anaya	Fabian Anaya	174963	09-17-17

Waste Operator (print)	Signature	Z#	Date
N/A			
N/A			
N/A			
N/A			
N/A			
N/A			
N/A			

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

ATTACHMENT 3
Page 1 of 3

TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE ① = Cell 1; ② = Cell 2; ③ = Cell 3; ® = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 9-11-17/1310		Tuesday 6.[2] Date & Start Time: 9-12-17/1310		Wednesday 6.[2] Date & Start Time: 9-13-17/1314		Thursday 6.[2] Date & Start Time: 9-14-17/1342		Friday 6.[2] Date & Start Time: 9-15-17/1306		Saturday 6.[2] Date & Start Time: 09-16-17/1306		Sunday 6.[2] Date & Start Time: 09-17-17/1307	
TA-54-0375 Cell 2														
Calibrated infrared thermometer (6.[3])	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	
Ambient Temperature (6.[4])	Cell 2: 62.1 °F		Cell 2: 64.5 °F		Cell 2: 65.0 °F		Cell 2: 58.4 °F		Cell 2: 61.3 °F		Cell 2: 59.1 °F		Cell 2: 60.3 °F	
($) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT	
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)													
68408	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68638	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69615	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69635	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69642	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69630	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69633	① ② ③ ● N/A	39.8	① ② ③ ● N/A	34.9	① ② ③ ● N/A	34.7	① ② ③ ● N/A	33.8	① ② ③ ● N/A	36.7	① ② ③ ● N/A	33.2	① ② ③ ● N/A	33.7
68430	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68631	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69634	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A

ATTACHMENT 3
Page 2 of 3

	Monday 6.[2]		Tuesday 6.[2]		Wednesday 6.[2]		Thursday 6.[2]		Friday 6.[2]		Saturday 6.[2]		Sunday 6.[2]	
TA-54-0375 Cell 2 (continued)														
Container ID #	**Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)**													
68567	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	NA	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
94227	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	NA	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68648	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	NA	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69644	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	NA	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69183	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	NA	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69638	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	NA	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68624	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	NA	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
68507	① ② ③ ● N/A	39.7	① ② ③ ● N/A	35.2	① ② ③ ● N/A	35.3	① ② ③ ● N/A	34.2	① ② ③ ● N/A	35.8	① ② ③ ● N/A	32.8	① ② ③ ● N/A	33.9
69568	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	NA	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69553	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	NA	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69598	① ② ③ ® N/A	59.3	① ② ③ ® N/A	60.5	① ② ③ ® N/A	61.9	① ② ③ ® N/A	55.8	① ② ③ ● N/A	38.7	① ② ③ ● N/A	33.6	① ② ③ ● N/A	35.0
92472	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	NA	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
92459	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	NA	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69015	① ② ③ ● N/A	38.6	① ② ③ ● N/A	37.0	① ② ③ ● N/A	35.8	① ② ③ ● N/A	34.8	① ② ③ ● N/A	36.6	① ② ③ ● N/A	33.8	① ② ③ ● N/A	34.8
69639	① ② ③ ● N/A	38.2	① ② ③ ● N/A	35.7	① ② ③ ● N/A	36.7	① ② ③ ● N/A	36.1	① ② ③ ® N/A	NA	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69637	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	NA	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
End Time (6.[16])	1311		1311		1315		1343		1307		1307		1307	
Initial (6.[16])	WO: FA WO:		WO: FA WO:		WO: FA WO:		WO: FA WO:		WO: FA WO:		WO: FA WO:		WO: FA WO:	

ATTACHMENT 3
Page 3 of 3

Comments:
No Comments

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Fabian Anaya	Fabian Anaya	174963	09-11-17
Fabian Anaya	Fabian Anaya	174963	09-12-17
Fabian Anaya	Fabian Anaya	174963	09-13-17
Fabian Anaya	Fabian Anaya	174963	09-14-17
Fabian Anaya	Fabian Anaya	174963	09-15-17
Fabian Anaya	Fabian Anaya	174963	09-16-17
Fabian Anaya	Fabian Anaya	174963	09-17-17

Waste Operator (print)	Signature	Z#	Date
N/A			
N/A			
N/A			
N/A			
N/A			
N/A			
N/A			

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

ATTACHMENT 4
Page 1 of 3

TA-54-0375 CELL 3 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE ① = Cell 1; ② = Cell 2; ③ = Cell 3; ® = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 9-11-17/1312	Tuesday 6.[2] Date & Start Time: 9-12-17/1312	Wednesday 6.[2] Date & Start Time: 9-13-17/1316	Thursday 6.[2] Date & Start Time: 9-14-17/1344	Friday 6.[2] Date & Start Time: 9-15-17/1308	Saturday 6.[2] Date & Start Time: 09-16-17/1308	Sunday 6.[2] Date & Start Time: 09-17-17/1308
TA-54-0375 Cell 3							
Calibrated infrared thermometer (6.[3])	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868
Ambient Temperature (6.[4])	Cell 3: 67.0 °F	Cell 3: 68.5 °F	Cell 3: 71.3 °F	Cell 3: 62.5 °F	Cell 3: 64.5 °F	Cell 3: 62.3 °F	Cell 3: 63.8 °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
69519	① ② ③ ® N/A	64.5	① ② ③ ● N/A	37.3	① ② ③ ● N/A	37.1	① ② ③ ● N/A	36.3	① ② ③ ● N/A	37.9	① ② ③ ● N/A	34.1	① ② ③ ● N/A	35.7
69645	① ② ③ ● N/A	39.7	① ② ③ ● N/A	37.4	① ② ③ ● N/A	37.7	① ② ③ ● N/A	36.8	① ② ③ ● N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
94068	① ② ③ ® N/A	65.3	① ② ③ ® N/A	66.9	① ② ③ ® N/A	67.9	① ② ③ ® N/A	59.4	① ② ③ ® N/A	62.6	① ② ③ ® N/A	60.6	① ② ③ ® N/A	62.0
93605	① ② ③ ® N/A	64.4	① ② ③ ® N/A	66.5	① ② ③ ® N/A	67.0	① ② ③ ® N/A	58.8	① ② ③ ® N/A	62.0	① ② ③ ® N/A	60.9	① ② ③ ® N/A	61.1
69548	① ② ③ ® N/A	65.1	① ② ③ ® N/A	68.1	① ② ③ ® N/A	67.4	① ② ③ ® N/A	59.9	① ② ③ ® N/A	62.8	① ② ③ ® N/A	62.0	① ② ③ ® N/A	62.4

ATTACHMENT 4
Page 2 of 3

	Monday 6.[2]		Tuesday 6.[2]		Wednesday 6.[2]		Thursday 6.[2]		Friday 6.[2]		Saturday 6.[2]		Sunday 6.[2]	
TA-54-0375 Cell 3 (continued)														
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)													
69604	① ② ③ ® N/A	64.2	① ② ③ ● N/A	38.3	① ② ③ ● N/A	37.8	① ② ③ ● N/A	37.7	① ② ③ ● N/A	36.9	① ② ③ ● N/A	34.5	① ② ③ ● N/A	35.3
68665	① ② ③ ● N/A	39.5	① ② ③ ● N/A	37.8	① ② ③ ● N/A	37.7	① ② ③ ● N/A	37.2	① ② ③ ● N/A	38.4	① ② ③ ● N/A	34.3	① ② ③ ● N/A	35.0
69595	① ② ③ ® N/A	64.7	① ② ③ ® N/A	~~38.6~~ 65.6 ~~38.6~~ FA 09-15-17	① ② ③ ® N/A	66.5	① ② ③ ® N/A	58.8	① ② ③ ® N/A	62.2	① ② ③ ® N/A	60.6	① ② ③ ® N/A	62.8
69036	① ② ③ ● N/A	38.0	① ② ③ ● N/A	38.7	① ② ③ ● N/A	38.6	① ② ③ ● N/A	37.8	① ② ③ ● N/A	37.3	① ② ③ ● N/A	35.5	① ② ③ ● N/A	36.5
69361	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A
69559	① ② ③ ® N/A	64.1	① ② ③ ® N/A	66.7	① ② ③ ® N/A	67.3	① ② ③ ® N/A	59.8	① ② ③ ® N/A	62.7	① ② ③ ® N/A	60.5	① ② ③ ® N/A	61.9
69491	① ② ③ ® N/A	65.4	① ② ③ ® N/A	66.9	① ② ③ ® N/A	67.3	① ② ③ ® N/A	60.0	① ② ③ ® N/A	62.0	① ② ③ ® N/A	62.1	① ② ③ ® N/A	62.2
87827	① ② ③ ® N/A	67.5	① ② ③ ® N/A	68.3	① ② ③ ® N/A	69.3	① ② ③ ® N/A	60.5	① ② ③ ® N/A	64.3	① ② ③ ® N/A	63.1	① ② ③ ® N/A	64.5
87826	① ② ③ ® N/A	66.9	① ② ③ ® N/A	67.0	① ② ③ ® N/A	68.1	① ② ③ ® N/A	60.3	① ② ③ ® N/A	63.5	① ② ③ ® N/A	62.1	① ② ③ ® N/A	63.9
87823	① ② ③ ® N/A	67.6	① ② ③ ® N/A	69.3	① ② ③ ® N/A	69.0	① ② ③ ® N/A	62.5	① ② ③ ® N/A	63.8	① ② ③ ® N/A	62.3	① ② ③ ® N/A	63.6
87825	① ② ③ ® N/A	69.4	① ② ③ ® N/A	70.5	① ② ③ ® N/A	71.3	① ② ③ ® N/A	64.4	① ② ③ ® N/A	66.5	① ② ③ ® N/A	65.3	① ② ③ ® N/A	66.4
End Time (6.[16])	1315		1316		1320		1350		1312		1310		1310	
Initial (6.[16])	WO: FA WO:		WO: FA WO:		WO: FA WO:		WO: FA WO:		WO: FA WO:		WO: FA WO:		WO: FA WO:	

ATTACHMENT 4
Page 3 of 3

Comments:

No Comments

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Fabian Anaya	Fabian Anaya	174963	09-11-17
Fabian Anaya	Fabian Anaya	174963	09-12-17
Fabian Anaya	Fabian Anaya	174963	09-13-17
Fabian Anaya	Fabian Anaya	174963	09-14-17
Fabian Anaya	Fabian Anaya	174963	09-15-17
Fabian Anaya	Fabian Anaya	174963	09-16-17
Fabian Anaya	Fabian Anaya	174963	09-17-17
Waste Operator (print)	Signature	Z#	Date

Waste Operator (print)	Signature	Z#	Date
N/A			
N/A			
N/A			
N/A			
N/A			
N/A			
N/A			
Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

ATTACHMENT 2
Page 1 of 3

TA-54-0375 REFRIGERATOR AND CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE 1 *Drum 69417 is no longer considered a RNS drum by LANL or NMED.*
NOTE 2 ① = Cell 1; ② = Cell 2; ③ = Cell 3; ® = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 09-18-17/1345	Tuesday 6.[2] Date & Start Time: 9-19-17/1301	Wednesday 6.[2] Date & Start Time:	Thursday 6.[2] Date & Start Time:	Friday 6.[2]Date & Start Time:	Saturday 6.[2] Date & Start Time:	Sunday 6.[2] Date & Start Time:
TA-54-0375 Cell 1							
Calibrated infrared thermometer (6.[3])	Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number
Ambient Temperature (6.[4])	Cell 1: 66.1 °F	Cell 1: 64.9 °F	Cell 1: ____ °F	Cell 1: ____ °F	Cell 1: ____ °F	Cell 1: ____ °F	Cell 1: ____ °F
($) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT
Ambient Temperature (6.[7])	Refrig.: 36.2 °F	Refrig.: 35.9 °F	Refrig.: ____ °F	Refrig.: ____ °F	Refrig.: ____ °F	Refrig.: ____ °F	Refrig.: ____ °F
($) Ambient Refrig. Temp.: > 32°F and ≤ 41°F; SR 4.6.2.1, SAC 5.7.24 (6.[7])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT
Container ID #	**Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)**						
68685	① ② ③ ® N/A N/A	① ② ③ ® N/A N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A
68540	① ② ③ ® N/A N/A	① ② ③ ® N/A N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A
68553	① ② ③ ® N/A N/A	① ② ③ ® N/A N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A
69445	① ② ③ ® N/A N/A	① ② ③ ® N/A N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A

ATTACHMENT 2
Page 2 of 3

	Monday 6.[2]		Tuesday 6.[2]		Wednesday 6.[2]		Thursday 6.[2]		Friday 6.[2]		Saturday 6.[2]		Sunday 6.[2]	
TA-54-0375 Cell 1 (continued)														
69618	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69013	① ② ③ ● N/A	38.1	① ② ③ ● N/A	34.3	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69490	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69076	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69280	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69208	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69079	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69636	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69616	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69417	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
69620	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69520	① ② ③ ● N/A	34.1	① ② ③ ● N/A	35.1	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69641	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69298	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
92669	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
End Time (6.[16])	1351		1309											
Initial (6.[16])	WO: [illegible] WO: N/A		WO: [illegible] WO: N/A		WO: WO:		WO: WO:		WO: WO:		WO: WO:		WO: WO:	

ATTACHMENT 2
Page 3 of 3

Comments:

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Juan Garcia	Juan Garcia	169840	09-18-17
Leon Montoya	[illegible]	191526	09-19-17

Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

ATTACHMENT 3
Page 1 of 3

TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE ① = Cell 1; ② = Cell 2; ③ = Cell 3; ® = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 09-18-17/1344		Tuesday 6.[2] Date & Start Time: 9-19-17/1310		Wednesday 6.[2] Date & Start Time:		Thursday 6.[2] Date & Start Time:		Friday 6.[2] Date & Start Time:		Saturday 6.[2] Date & Start Time:		Sunday 6.[2] Date & Start Time:	
TA-54-0375 Cell 2														
Calibrated infrared thermometer (6.[3])	Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868		Brand: Fluke Model: 561 Cal. Due Date 12-19-17 File Number 103868		Brand: ____ Model: ____ Cal. Due Date: ____ File Number ____		Brand: ____ Model: ____ Cal. Due Date: ____ File Number ____		Brand: ____ Model: ____ Cal. Due Date: ____ File Number ____		Brand: ____ Model: ____ Cal. Due Date: ____ File Number ____		Brand: ____ Model: ____ Cal. Due Date: ____ File Number ____	
Ambient Temperature (6.[4])	Cell 2: 66.1 °F		Cell 2: 60.1 °F		Cell 2: ____ °F		Cell 2: ____ °F		Cell 2: ____ °F		Cell 2: ____ °F		Cell 2: ____ °F	
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	☑ SAT ☐ UNSAT		☑ SAT ☐ UNSAT		☐ SAT ☐ UNSAT		☐ SAT ☐ UNSAT		☐ SAT ☐ UNSAT		☐ SAT ☐ UNSAT		☐ SAT ☐ UNSAT	
Container ID #	**Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)**													
68408	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
68638	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69615	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69635	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69642	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69630	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69633	① ② ③ ● N/A	35.0	① ② ③ ● N/A	36.9	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
68430	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
68631	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69634	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	

ATTACHMENT 3
Page 2 of 3

	Monday 6.[2]		Tuesday 6.[2]		Wednesday 6.[2]		Thursday 6.[2]		Friday 6.[2]		Saturday 6.[2]		Sunday 6.[2]	
TA-54-0375 Cell 2 (continued)														
Container ID #	**Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)**													
68567	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
94227	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
68648	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69644	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69183	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69638	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
68624	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
68507	① ② ③ ● N/A	36.0	① ② ③ ● N/A	37.0	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69568	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69553	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69598	① ② ③ ● N/A	35.0	① ② ③ ● N/A	37.6	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
92472	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
92459	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69015	① ② ③ ● N/A	35.4	① ② ③ ● N/A	37.4	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69639	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69637	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
End Time (6.[16])	1344		1311											
Initial (6.[16])	WO: [signature] WO: N/A		WO: [signature] WO: N/A		WO: WO:		WO: WO:		WO: WO:		WO: WO:		WO: WO:	

ATTACHMENT 3
Page 3 of 3

Comments:

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Juan Garcia	Juan Garcia	169840	09-18-17
Leon Montoya	[illegible]	191526	09-19-17

Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

ATTACHMENT 4
Page 1 of 3

TA-54-0375 CELL 3 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE ① = Cell 1; ② = Cell 2; ③ = Cell 3; ® = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 09-18-17/1340	Tuesday 6.[2] Date & Start Time: 9-19-17/1312	Wednesday 6.[2] Date & Start Time:	Thursday 6.[2] Date & Start Time:	Friday 6.[2] Date & Start Time:	Saturday 6.[2] Date & Start Time:	Sunday 6.[2] Date & Start Time:
TA-54-0375 Cell 3							
Calibrated infrared thermometer (6.[3])	Brand: FLUKE Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Fluke Model: 561 Cal. Due Date: 12-19-17 File Number 103868	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number
Ambient Temperature (6.[4])	Cell 3: 62.0 °F	Cell 3: 62.8 °F	Cell 3: ____ °F	Cell 3: ____ °F	Cell 3: ____ °F	Cell 3: ____ °F	Cell 3: ____ °F
($) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	☑ SAT ☐ UNSAT	☑ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT	☐ SAT ☐ UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
69519	① ② ③ ● N/A	35.4	① ② ③ ● N/A	37.9	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A
69645	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A
94068	① ② ③ ® N/A	60.3	① ② ③ ® N/A	61.3	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A
93605	① ② ③ ® N/A	60.8	① ② ③ ® N/A	61.4	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A
69548	① ② ③ ® N/A	61.0	① ② ③ ® N/A	62.5	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A	① ② ③ ® N/A

ATTACHMENT 4
Page 2 of 3

	Monday 6.[2]		Tuesday 6.[2]		Wednesday 6.[2]		Thursday 6.[2]		Friday 6.[2]		Saturday 6.[2]		Sunday 6.[2]	
TA-54-0375 Cell 3 (continued)														
Container ID #	**Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)**													
69604	① ② ③ ● N/A	36.3	① ② ③ ● N/A	38.0	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
68665	① ② ③ ● N/A	36.3	① ② ③ ● N/A	38.3	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69595	① ② ③ ® N/A	61.2	① ② ③ ® N/A	61.1	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69036	① ② ③ ● N/A	38.2	① ② ③ ● N/A	38.7	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69361	① ② ③ ® N/A	N/A	① ② ③ ® N/A	N/A	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69559	① ② ③ ® N/A	62.0	① ② ③ ® N/A	61.4	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
69491	① ② ③ ® N/A	61.7	① ② ③ ® N/A	61.2	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
87827	① ② ③ ® N/A	62.5	① ② ③ ® N/A	63.1	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
87826	① ② ③ ® N/A	62.9	① ② ③ ® N/A	62.0	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
87823	① ② ③ ® N/A	61.8	① ② ③ ® N/A	62.7	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
87825	① ② ③ ® N/A	64.3	① ② ③ ® N/A	65.0	① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A		① ② ③ ® N/A	
End Time (6.[16])	1344		1318											
Initial (6.[16])	WO: [illegible] WO: N/A		WO: [illegible] WO: N/A		WO: WO:		WO: WO:		WO: WO:		WO: WO:		WO: WO:	

ATTACHMENT 4
Page 3 of 3

Comments:

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Juan Garcia		169840	09-18-17
Juan Montoya		191526	09-18-17

Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

TSR - INSIDE ROUNDS Period Covered (mm/dd/yy) 8/14/2017 to 8/20/2017

Item	Equipment Checked	Min	Max	Measurement	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
59	(&) **MEASURE, RECORD,** and **VISUALLY INSPECT** RNS WASTE CONTAINERS located in the refrigerator in accordance with the instruction/criteria provided in Steps 5.[9] – 5.[17]. (IP IV.7) N/A when no RNS containers are in the refrigerator.										

Day	5.[9] RNS Container ID	5.[10] (&) Container Integrity (IP IV.7)	5.[13] (S) PRDwSF intact and not obstructed (DF 6.2.3)	5.[15] (&) Container Temperature (IP IV.7)	5.[16] RNS Container temperature not 10°F > refrigerator temperature (Item 58)	5.[17] RNS Container temperature not > 85°F
Mon	LA0000006 8540	SAT / UNSAT / NA	SAT / UNSAT / NA	42.7 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Tue	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Wed	LA0000006 8648	SAT / UNSAT / NA	SAT / UNSAT / NA	40.1 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA0000006 8567	SAT / UNSAT / NA	SAT / UNSAT / NA	39.1 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Thur	LA0000006 8648	SAT / UNSAT / NA	SAT / UNSAT / NA	41.5 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA0000006 8567	SAT / UNSAT / NA	SAT / UNSAT / NA	40.5 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	N/A	SAT / UNSAT / NA	SAT / UNSAT / NA	N/A °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Fri	LA0000006 8567	SAT / UNSAT / NA	SAT / UNSAT / NA	39.6 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Sat	LA0000006 9634	SAT / UNSAT / NA	SAT / UNSAT / NA	40.3 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA0000009 2472	SAT / UNSAT / NA	SAT / UNSAT / NA	40.5 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Sun	LA0000006 9634	SAT / UNSAT / NA	SAT / UNSAT / NA	41.1 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA0000009 2472	SAT / UNSAT / NA	SAT / UNSAT / NA	39.3 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA

TSR - INSIDE ROUNDS								Period Covered (mm/dd/yy) 8/21/2017 to 8/27/2017				
Item	Equipment Checked	Min	Max	Measurement	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
59	**(&) MEASURE, RECORD,** and **VISUALLY INSPECT** RNS WASTE CONTAINERS located in the refrigerator in accordance with the instruction/criteria provided in Steps 5.[9] – 5.[17]. (IP IV.7) N/A when no RNS containers are in the refrigerator.										

Day	5.[9] RNS Container ID	5.[10] (&) Container Integrity (IP IV.7)	5.[13] (S) PRDwSF intact and not obstructed (DF 6.2.3)	5.[15] (&) Container Temperature (IP IV.7)	5.[16] RNS Container temperature not 10°F > refrigerator temperature (Item 58)	5.[17] RNS Container temperature not > 85°F
Mon	LA000000 69634	SAT / UNSAT / NA	SAT / UNSAT / NA	42.4 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 92472	SAT / UNSAT / NA	SAT / UNSAT / NA	43.3 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	N/A	SAT / UNSAT / NA	SAT / UNSAT / NA	N/A °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Tue	LA000000 92472	SAT / UNSAT / NA	SAT / UNSAT / NA	39.5 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Wed	LA000000 92472	SAT / UNSAT / NA	SAT / UNSAT / NA	42.5 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	N/A	SAT / UNSAT / NA	SAT / UNSAT / NA	N/A °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	N/A	SAT / UNSAT / NA	SAT / UNSAT / NA	N/A °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Thur	LA000000 92472	SAT / UNSAT / NA	SAT / UNSAT / NA	39.7 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Fri	LA000000 69630	SAT / UNSAT / NA	SAT / UNSAT / NA	38.8 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 68624	SAT / UNSAT / NA	SAT / UNSAT / NA	39.0 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Sat	LA000000 68624	SAT / UNSAT / NA	SAT / UNSAT / NA	41.3 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Sun	LA000000 68624	SAT / UNSAT / NA	SAT / UNSAT / NA	39.7 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA

TSR - INSIDE ROUNDS							Period Covered (mm/dd/yy) 8/28/2017 to 9/3/2017				
Item	Equipment Checked	Min	Max	Measurement	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
59	**(&) MEASURE, RECORD,** and **VISUALLY INSPECT** RNS WASTE CONTAINERS located in the refrigerator in accordance with the instruction/criteria provided in Steps 5.[9] – 5.[17]. (IP IV.7) N/A when no RNS containers are in the refrigerator.										

Day	5.[9] RNS Container ID	5.[10] (&) Container Integrity (IP IV.7)	5.[13] (S) PRDwSF intact and not obstructed (DF 6.2.3)	5.[15] (&) Container Temperature (IP IV.7)	5.[16] RNS Container temperature not 10°F > refrigerator temperature (Item 58)	5.[17] RNS Container temperature not > 85°F
Mon	LA0000068624	SAT / UNSAT / NA	SAT / UNSAT / NA	39.6 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Tue	LA0000068624	SAT / UNSAT / NA	SAT / UNSAT / NA	41.2 °F	SAT / UNSAT / NA	SAT / UNSAT / NA — MN 8-28-17
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Wed	LA0000069638	SAT / UNSAT / NA	SAT / UNSAT / NA	40.4 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA0000069644	SAT / UNSAT / NA	SAT / UNSAT / NA	40.4 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Thur	LA0000069638	SAT / UNSAT / NA	SAT / UNSAT / NA	40.4 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Fri	LA0000069637	SAT / UNSAT / NA	SAT / UNSAT / NA	40.5 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA0000069638	SAT / UNSAT / NA	SAT / UNSAT / NA	39.9 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA0000069183	SAT / UNSAT / NA	SAT / UNSAT / NA	40.1 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Sat	LA0000069637	SAT / UNSAT / NA	SAT / UNSAT / NA	40.6 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA0000069638	SAT / UNSAT / NA	SAT / UNSAT / NA	40.3 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA0000069183	SAT / UNSAT / NA	SAT / UNSAT / NA	42.0 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Sun	LA0000069637	SAT / UNSAT / NA	SAT / UNSAT / NA	40.4 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA0000069638	SAT / UNSAT / NA	SAT / UNSAT / NA	40.1 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA0000069183	SAT / UNSAT / NA	SAT / UNSAT / NA	40.9 °F	SAT / UNSAT / NA	SAT / UNSAT / NA

TSR - INSIDE ROUNDS Period Covered (mm/dd/yy) 9/4/17 to 9/10/17

Item	Equipment Checked	Min	Max	Measurement	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
59	**(&) MEASURE, RECORD,** and **VISUALLY INSPECT** RNS WASTE CONTAINERS located in the refrigerator in accordance with the instruction/criteria provided in Steps 5.[9] – 5.[17]. (IP IV.7) N/A when no RNS containers are in the refrigerator.										

Day	5.[9] RNS Container ID	5.[10] (&) Container Integrity (IP IV.7)	5.[13] (S) PRDwSF intact and not obstructed (DF 6.2.3)	5.[15] (&) Container Temperature (IP IV.7)	5.[16] RNS Container temperature not 10°F > refrigerator temperature (Item 58)	5.[17] RNS Container temperature not > 85°F
Mon	LA000000 69637	SAT / UNSAT / NA	SAT / UNSAT / NA	40.4 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69638	SAT / UNSAT / NA	SAT / UNSAT / NA	39.3 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69183	SAT / UNSAT / NA	SAT / UNSAT / NA	41.5 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Tue	LA000000 69637	SAT / UNSAT / NA	SAT / UNSAT / NA	40.9 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69638	SAT / UNSAT / NA	SAT / UNSAT / NA	39.7 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69183	SAT / UNSAT / NA	SAT / UNSAT / NA	42.4 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Wed	LA000000 69637	SAT / UNSAT / NA	SAT / UNSAT / NA	40.8 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69638	SAT / UNSAT / NA	SAT / UNSAT / NA	39.7 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69183	SAT / UNSAT / NA	SAT / UNSAT / NA	41.0 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Thur	LA000000 69183	SAT / UNSAT / NA	SAT / UNSAT / NA	39.7 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69637	SAT / UNSAT / NA	SAT / UNSAT / NA	39.8 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Fri	LA000000 69183	SAT / UNSAT / NA	SAT / UNSAT / NA	39.2 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69637	SAT / UNSAT / NA	SAT / UNSAT / NA	40.2 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Sat	LA000000 69183	SAT / UNSAT / NA	SAT / UNSAT / NA	41.4 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69637	SAT / UNSAT / NA	SAT / UNSAT / NA	40.0 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Sun	LA000000 69183	SAT / UNSAT / NA	SAT / UNSAT / NA	40.1 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69637	SAT / UNSAT / NA	SAT / UNSAT / NA	40.0 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA

TSR - INSIDE ROUNDS Period Covered (mm/dd/yy) 9/11/17 to 9/17/17

Item	Equipment Checked	Min	Max	Measurement	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
59	**(&) MEASURE, RECORD,** and **VISUALLY INSPECT** RNS WASTE CONTAINERS located in the refrigerator in accordance with the instruction/criteria provided in Steps 5.[9] – 5.[17]. (IP IV.7) N/A when no RNS containers are in the refrigerator.										

Day	5.[9] RNS Container ID	5.[10] (&) Container Integrity (IP IV.7)	5.[13] ($) PRDwSF intact and not obstructed (DF 6.2.3)	5.[15] (&) Container Temperature (IP IV.7)	5.[16] RNS Container temperature not 10°F > refrigerator temperature (Item 58)	5.[17] RNS Container temperature not > 85°F
Mon	LA000000 69183	SAT / UNSAT / NA	SAT / UNSAT / NA	40.1 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69637	SAT / UNSAT / NA	SAT / UNSAT / NA	40.2 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Tue	LA000000 69553	SAT / UNSAT / NA	SAT / UNSAT / NA	40.8 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69361	SAT / UNSAT / NA	SAT / UNSAT / NA	41.0 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69637	SAT / UNSAT / NA	SAT / UNSAT / NA	41.2 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Wed	LA000000 69553	SAT / UNSAT / NA	SAT / UNSAT / NA	40.4 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69361	SAT / UNSAT / NA	SAT / UNSAT / NA	40.5 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69637	SAT / UNSAT / NA	SAT / UNSAT / NA	39.9 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Thur	LA000000 69637	SAT / UNSAT / NA	SAT / UNSAT / NA	42.6 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69553	SAT / UNSAT / NA	SAT / UNSAT / NA	41.3 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	N/A	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Fri	LA000000 69553	SAT / UNSAT / NA	SAT / UNSAT / NA	40.9 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	NA	SAT / UNSAT / NA	SAT / UNSAT / NA	NA °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Sat	LA000000 69639	SAT / UNSAT / NA	SAT / UNSAT / NA	41.8 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69645	SAT / UNSAT / NA	SAT / UNSAT / NA	41.4 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69553	SAT / UNSAT / NA	SAT / UNSAT / NA	41.7 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Sun	LA000000 69639	SAT / UNSAT / NA	SAT / UNSAT / NA	40.9 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69645	SAT / UNSAT / NA	SAT / UNSAT / NA	40.7 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA000000 69553	SAT / UNSAT / NA	SAT / UNSAT / NA	40.6 °F	SAT / UNSAT / NA	SAT / UNSAT / NA

9.19.17 9.19.17

TSR - INSIDE ROUNDS							Period Covered (mm/dd/yy) 6/18/2017 to 6/24/2017				
Item	Equipment Checked	Min	Max	Measurement	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
59	**(&) MEASURE, RECORD,** and **VISUALLY INSPECT** RNS WASTE CONTAINERS located in the refrigerator in accordance with the instruction/criteria provided in Steps 5.[9] – 5.[17]. (IP IV.7) N/A when no RNS containers are in the refrigerator.										

Day	5.[9] RNS Container ID	5.[10] (&) Container Integrity (IP IV.7)	5.[13] (S) PRDwSF intact and not obstructed (DF 6.2.3)	5.[15] (&) Container Temperature (IP IV.7)	5.[16] RNS Container temperature not 10°F > refrigerator temperature (Item 58)	5.[17] RNS Container temperature not > 85°F
Mon	LA0000069639	SAT / UNSAT / NA	SAT / UNSAT / NA	40.6 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA0000069645	SAT / UNSAT / NA	SAT / UNSAT / NA	39.6 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA0000069553	SAT / UNSAT / NA	SAT / UNSAT / NA	39.8 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Tue	LA0000069553	SAT / UNSAT / NA	SAT / UNSAT / NA	42.1 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	LA0000069639	SAT / UNSAT / NA	SAT / UNSAT / NA	41.9 °F	SAT / UNSAT / NA	SAT / UNSAT / NA
	N/A	SAT / UNSAT / NA	SAT / UNSAT / NA	N/A °F	SAT / UNSAT / NA	SAT / UNSAT / NA
Wed		SAT / UNSAT / NA	SAT / UNSAT / NA	°F	SAT / UNSAT / NA	SAT / UNSAT / NA
		SAT / UNSAT / NA	SAT / UNSAT / NA	°F	SAT / UNSAT / NA	SAT / UNSAT / NA
		SAT / UNSAT / NA	SAT / UNSAT / NA	°F	SAT / UNSAT / NA	SAT / UNSAT / NA
Thur		SAT / UNSAT / NA	SAT / UNSAT / NA	°F	SAT / UNSAT / NA	SAT / UNSAT / NA
		SAT / UNSAT / NA	SAT / UNSAT / NA	°F	SAT / UNSAT / NA	SAT / UNSAT / NA
		SAT / UNSAT / NA	SAT / UNSAT / NA	°F	SAT / UNSAT / NA	SAT / UNSAT / NA
Fri		SAT / UNSAT / NA	SAT / UNSAT / NA	°F	SAT / UNSAT / NA	SAT / UNSAT / NA
		SAT / UNSAT / NA	SAT / UNSAT / NA	°F	SAT / UNSAT / NA	SAT / UNSAT / NA
		SAT / UNSAT / NA	SAT / UNSAT / NA	°F	SAT / UNSAT / NA	SAT / UNSAT / NA
Sat		SAT / UNSAT / NA	SAT / UNSAT / NA	°F	SAT / UNSAT / NA	SAT / UNSAT / NA
		SAT / UNSAT / NA	SAT / UNSAT / NA	°F	SAT / UNSAT / NA	SAT / UNSAT / NA
		SAT / UNSAT / NA	SAT / UNSAT / NA	°F	SAT / UNSAT / NA	SAT / UNSAT / NA
Sun		SAT / UNSAT / NA	SAT / UNSAT / NA	°F	SAT / UNSAT / NA	SAT / UNSAT / NA
		SAT / UNSAT / NA	SAT / UNSAT / NA	°F	SAT / UNSAT / NA	SAT / UNSAT / NA
		SAT / UNSAT / NA	SAT / UNSAT / NA	°F	SAT / UNSAT / NA	SAT / UNSAT / NA