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**From:** Juarez, Catherine L

**Sent:** Wednesday, August 16, 2017 3:16 PM

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**Subject:** RE: Monthly Technical Summary July 20, 2017 - August 16, 2017

Please see corrected dates in email. The summary attachment is correct.

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**From:** Juarez, Catherine L

**Sent:** Wednesday, August 16, 2017 3:13 PM

**To:** Siona Briley <[siona.briley@state.nm.us](mailto:siona.briley@state.nm.us)>; Ricardo Maestas <[ricardo.maestas@state.nm.us](mailto:ricardo.maestas@state.nm.us)>; [jennifer.hower@state.nm.us](mailto:jennifer.hower@state.nm.us); Butch Tongate <[butch.tongate@state.nm.us](mailto:butch.tongate@state.nm.us)>; Dhawan, Neelam, NMENV <[neelam.dhawan@state.nm.us](mailto:neelam.dhawan@state.nm.us)>; Kieling, John, NMENV <[john.kieling@state.nm.us](mailto:john.kieling@state.nm.us)>; [pam.allen@state.nm.us](mailto:pam.allen@state.nm.us)  
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**Subject:** Monthly Technical Summary July 20, 2017 - August 16, 2017

Linked below is the written monthly technical summary **July 20, 2017 – August 16, 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 August 16, 2017.pdf](#) (31.1 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  
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# **NMED / LANL Technical Summary**

**July 20, 2017 – August 16, 2017**

## **Participants:**

- New Mexico Environment Department: Neelam Dhawan.
- LANL – Los Alamos National Security: Mark Haagenstad, Luciana Vigil-Holterman, Felicia Naranjo, 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 ).
    - Seven 55- gallon containers are located within the refrigerator attached to the 375 Permacon.
    - Two containers are located in the refrigerator within the Waste Characterization Reduction and Repackaging Facility (WCRRF).
    - 25 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 (25) remain in the 375 Permacon.
- **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 August 15, 2017 HSG sampling is complete for the month on 37 containers and data is attached (H<sub>2</sub>, CO, CO<sub>2</sub> and N<sub>2</sub>O).
- **Additional measures currently underway**
  - Twice-weekly HSG sample collection on 55-gallon drums of remediated nitrate salt-bearing waste.

- HSG data (H<sub>2</sub>, CO, CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O) attached for July 2017 and August 2017.
  - Only one container is left in this population.
- 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<sub>2</sub> values are adjusted by the quantity of CO<sub>2</sub> in the field blank (i.e., the amount of CO<sub>2</sub> in the air when the sample is taken is subtracted from the CO<sub>2</sub> 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, September 20, 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 <sub>2</sub> and LFL analytes).	LANL	---	Complete June 11, 2014
11.	Discuss potential sampling of HSG for NO <sub>x</sub> .	LANL	---	Complete June 16, 2014

	<b>Requested Information</b>	<b>Actionee</b>	<b>Status</b>	<b>Completion Date</b>
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	---	<p>Complete</p> <p>Empty Parent June 16, 2014</p> <p>Unremediated August 14, 2014 (Supplemental information discussed on sampling of parent containers)</p> <p>August 26, 2014 (Letter on applicability of LANL HWFP for opening waste containers)</p>

	Requested Information	Actionee	Status	Completion Date
13.	<p>Respond to NMED email request for information associated with the nitrate salt-bearing parent and daughter waste containers.</p> <p>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.</p>	LANL	---	<p><b>Complete</b></p> <p>July 9, 2014 (Letter sent addressing items 1-4 and 6-9 of the email request)</p> <p>July 17, 2014 (Letter sent with updated spreadsheet)</p> <p>August 7, 2014 (First submittal in response to item 5)</p> <p>August 14, 2014 (Letter addressing items 2 &amp; 8 - Second submittal in response to item 5)</p> <p>August 18, 2014 (Third submittal in response to item 5)</p> <p>August 21, 2014 (Fourth submittal in response to item 5)</p> <p>August 27, 2014 (Fifth submittal in response to item 5)</p> <p>September 4, 2014 (Sixth submittal in response to item 5)</p> <p>September 9, 2014 (Seventh submittal in response to item 5)</p> <p>September 11, 2014 (Eighth submittal in response to item 5)</p> <p>September 22, 2014 (Ninth submittal in response to item 5)</p> <p>September 23, 2014 (Tenth submittal in response to item 5)</p> <p>October 1, 2014 (Eleventh submittal in response to item 5)</p> <p>October 8, 2014 (Twelfth submittal in response to item 5)</p> <p>October 16, 2014 (Thirteenth submittal in response to item 5)</p> <p>October 23, 2014 (Fourteenth submittal in response to item 5)</p> <p>October 27, 2014 (Fifteenth submittal in response to item 5)</p> <p>October 28, 2014 (Sixteenth submittal in response to item 5)</p> <p>November 3, 2014 (Seventeenth submittal in response to item 5)</p>

	<b>Requested Information</b>	<b>Actionee</b>	<b>Status</b>	<b>Completion Date</b>
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
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)

	<b>Requested Information</b>	<b>Actionee</b>	<b>Status</b>	<b>Completion Date</b>
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 <i>Response to Request for Information on Management of Waste at LANL</i> .	Complete July 8, 2014
25.	NMED requested an additional discussion on a future technical call regarding CO <sub>2</sub> , 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 (3 <sup>rd</sup> 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
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

	<b>Requested Information</b>	<b>Actionee</b>	<b>Status</b>	<b>Completion Date</b>
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)

	<b>Requested Information</b>	<b>Actionee</b>	<b>Status</b>	<b>Completion Date</b>
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.

	<b>Requested Information</b>	<b>Actionee</b>	<b>Status</b>	<b>Completion Date</b>
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 depictions 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.



	<b>Requested Information</b>	<b>Actionee</b>	<b>Status</b>	<b>Completion Date</b>
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 <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm
07/19/17																				
07/20/17						221	932	17604	2538	17										
07/21/17																				
07/22/17																				
07/23/17																				
07/24/17						285	1113	22679	3217	16										
07/25/17																				
07/26/17																				
07/27/17						279	1136	22473	3161	20										
07/28/17																				
07/29/17																				
07/30/17																				
07/31/17						285	1344	25888	3775	17										
08/01/17																				
08/02/17																				
08/03/17						192	1234	24969	3642	16										
08/04/17																				
08/05/17																				
08/06/17																				
08/07/17						245	1310	25660	3826	18										
08/08/17																				
08/09/17																				
08/10/17						329	1528	31267	4742	20										
08/11/17																				
08/12/17																				
08/13/17						271	1385	28773	4334	19										
08/14/17						318	1541	30873	4765	24										
08/15/17						319	1538	31089	4745	26										

Remediated Nitrate Salt Container Headspace Gas Analysis

	SB50069 - 69208					SB50452 - 69076					SB50522 - 69490					68430 - 68430				
Date	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm
07/19/17																				
07/20/17	770	1658	24466	2919	23															
07/21/17																				
07/22/17																				
07/23/17																				
07/24/17	850	1778	25225	2965	23															
07/25/17																				
07/26/17																				
07/27/17	874	1785	25035	2962	24															
07/28/17																				
07/29/17																				
07/30/17																				
07/31/17	883	1841	26220	3102	29															
08/01/17																				
08/02/17	837	1721	25542	3000	30															
08/03/17																				
08/04/17																				
08/05/17																				
08/06/17	931	1901	26801	3158	28															
08/07/17	895	1793	26122	3029	21															
08/08/17																				
08/09/17																				
08/10/17																				
08/11/17																				
08/12/17																				
08/13/17																				
08/14/17																				
08/15/17																				

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 <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm
07/19/17																				
07/20/17																				
07/21/17																				
07/22/17																				
07/23/17																				
07/24/17																29	74	2021	178	0
07/25/17																24	78	1796	165	0
07/26/17																				
07/27/17																37	101	2383	246	0
07/28/17																				
07/29/17																				
07/30/17																				
07/31/17																34	108	2730	257	0
08/01/17																				
08/02/17						16	0	483	0	0										
08/03/17																30	81	1629	195	0
08/04/17																				
08/05/17																				
08/06/17						16	0	477	0	0										
08/07/17	115	134	2953	108	0	13	0	315	0	0										
08/08/17																				
08/09/17																				
08/10/17																31	63	1056	42	0
08/11/17																				
08/12/17																				
08/13/17																30	53	1065	124	0
08/14/17																32	53	1010	123	0
08/15/17																				

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 <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm
07/19/17																48	60	1367	80	0
07/20/17																				
07/21/17																				
07/22/17																				
07/23/17																				
07/24/17																				
07/25/17																				
07/26/17																				
07/27/17																				
07/28/17																				
07/29/17																				
07/30/17																				
07/31/17																				
08/01/17																				
08/02/17																				
08/03/17																				
08/04/17																				
08/05/17																				
08/06/17																				
08/07/17																				
08/08/17																				
08/09/17	50	403	3988	656	0															
08/10/17																				
08/11/17																				
08/12/17																				
08/13/17	42	386	4021	699	0															
08/14/17	49	458	4324	750	0															
08/15/17																39	62	1136	95	0

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 <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm
07/19/17																				
07/20/17																				
07/21/17																				
07/22/17																				
07/23/17																				
07/24/17																				
07/25/17																				
07/26/17											661	1089	12557	1916	32					
07/27/17																				
07/28/17																				
07/29/17																				
07/30/17																				
07/31/17																				
08/01/17						102	0	1649	581	0										
08/02/17																				
08/03/17																				
08/04/17																				
08/05/17																				
08/06/17																				
08/07/17																				
08/08/17	84	136	3252	361	0															
08/09/17																				
08/10/17																				
08/11/17																				
08/12/17																				
08/13/17																				
08/14/17																				
08/15/17																				

Remediated Nitrate Salt Container Headspace Gas Analysis

	69519 - 69519					69520 - 69520					69548 - 69548					69559 - 69559				
Date	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm
07/19/17						164	551	7719	2681	0										
07/20/17																				
07/21/17																				
07/22/17																				
07/23/17																				
07/24/17																				
07/25/17																				
07/26/17																				
07/27/17																				
07/28/17																				
07/29/17																				
07/30/17																				
07/31/17																				
08/01/17											17	0	2171	214	0	220	1134	16243	5418	12
08/02/17	353	950	17951	5543	15															
08/03/17																				
08/04/17																				
08/05/17																				
08/06/17																				
08/07/17																				
08/08/17																				
08/09/17																				
08/10/17																				
08/11/17																				
08/12/17																				
08/13/17																				
08/14/17																				
08/15/17						149	452	7266	2408	0										

Remediated Nitrate Salt Container Headspace Gas Analysis

	69568 - 69568					69598 - 69598					69604 - 69604					69618 - 69618				
Date	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm
07/19/17																				
07/20/17																				
07/21/17																				
07/22/17																				
07/23/17																				
07/24/17	94	120	711	412	0															
07/25/17	118	155	810	485	0															
07/26/17																				
07/27/17																				
07/28/17																				
07/29/17																				
07/30/17																				
07/31/17																				
08/01/17											349	928	17379	6346	21					
08/02/17																				
08/03/17						40	0	2245	127	0										
08/04/17																				
08/05/17																				
08/06/17																				
08/07/17																				
08/08/17																				
08/09/17																				
08/10/17																				
08/11/17																				
08/12/17																				
08/13/17																				
08/14/17																				
08/15/17																				



Remediated Nitrate Salt Container Headspace Gas Analysis

	69620 - 69620					69630 - 69630					69633 - 69633					69634 - 69634				
Date	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm
07/19/17	437	1222	19422	3590	24															
07/20/17																121	82	4886	502	0
07/21/17																				
07/22/17																				
07/23/17																				
07/24/17	446	1305	19771	3583	21											110	65	2176	477	0
07/25/17	417	1242	20187	3720	28											118	83	2158	413	0
07/26/17											506	1103	20376	2586	21					
07/27/17	167	520	7946	2767	6															
07/28/17																				
07/29/17																				
07/30/17																				
07/31/17	485	1301	22687	4113	19															
08/01/17																				
08/02/17																				
08/03/17																				
08/04/17																				
08/05/17																				
08/06/17																				
08/07/17																				
08/08/17						417	1611	29594	2987	22										
08/09/17											398	730	8376	1134	23					
08/10/17	424	856	10518	1866	28	482	1593	25305	2727	19						109	46	1894	305	0
08/11/17																				
08/12/17																				
08/13/17	429	759	9842	1655	23															
08/14/17	412	775	9506	1550	25															
08/15/17																				

Remediated Nitrate Salt Container Headspace Gas Analysis

	69635 - 69635					69636 - 69636					69637 - 69637					69638 - 69638				
Date	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm
07/19/17																				
07/20/17																				
07/21/17																				
07/22/17																				
07/23/17																				
07/24/17																				
07/25/17																				
07/26/17																				
07/27/17																				
07/28/17																				
07/29/17																				
07/30/17																				
07/31/17																				
08/01/17																				
08/02/17																				
08/03/17																				
08/04/17																				
08/05/17																				
08/06/17																				
08/07/17																				
08/08/17											227	1109	12560	3518	11	520	1525	19710	2902	23
08/09/17																				
08/10/17																				
08/11/17																				
08/12/17																				
08/13/17																				
08/14/17																				
08/15/17																524	1600	20262	2902	16

Remediated Nitrate Salt Container Headspace Gas Analysis

	69639 - 69639					69641 - 69641					69642 - 69642					69644 - 69644				
Date	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm
07/19/17																				
07/20/17																				
07/21/17																				
07/22/17																				
07/23/17																				
07/24/17																				
07/25/17																				
07/26/17																294	807	13157	2696	16
07/27/17																				
07/28/17																				
07/29/17																				
07/30/17																				
07/31/17																				
08/01/17																				
08/02/17																				
08/03/17																				
08/04/17																				
08/05/17																				
08/06/17																				
08/07/17																				
08/08/17																				
08/09/17	180	746	12371	825	0											214	509	4677	951	13
08/10/17																				
08/11/17																				
08/12/17																				
08/13/17																				
08/14/17																				
08/15/17																				

Remediated Nitrate Salt Container Headspace Gas Analysis

	69645 - 69645					93605 - 93605					94068 - 94068					94227 - 94227				
Date	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm
07/19/17																				
07/20/17																				
07/21/17																				
07/22/17																				
07/23/17																				
07/24/17																				
07/25/17																				
07/26/17																				
07/27/17																				
07/28/17																				
07/29/17																				
07/30/17																				
07/31/17																				
08/01/17																				
08/02/17	188	846	13499	2282	5	385	1530	22951	7188	22	525	2031	34129	8013	29					
08/03/17																				
08/04/17																				
08/05/17																				
08/06/17																				
08/07/17																				
08/08/17																				
08/09/17																				
08/10/17																				
08/11/17																				
08/12/17																				
08/13/17																				
08/14/17																				
08/15/17																				

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 <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm
07/19/17	103	114	2105	189	0															
07/20/17																				
07/21/17																				
07/22/17																				
07/23/17																				
07/24/17	101	117	2075	188	0															
07/25/17	99	115	1913	201	0															
07/26/17																				
07/27/17																				
07/28/17																				
07/29/17																				
07/30/17																				
07/31/17																				
08/01/17																243	991	16559	1971	21
08/02/17																				
08/03/17																				
08/04/17																				
08/05/17																				
08/06/17																				
08/07/17																				
08/08/17																				
08/09/17																				
08/10/17																				
08/11/17																				
08/12/17																				
08/13/17																				
08/14/17																				
08/15/17																				

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 <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm
07/19/17																				
07/20/17						297	754	10963	2243	15										
07/21/17																				
07/22/17																				
07/23/17																				
07/24/17																				
07/25/17																				
07/26/17																				
07/27/17																				
07/28/17																				
07/29/17																				
07/30/17																				
07/31/17																				
08/01/17																850	1809	27975	4592	29
08/02/17																				
08/03/17																				
08/04/17																				
08/05/17																				
08/06/17																				
08/07/17						233	442	5111	922	12										
08/08/17											667	1841	25867	5284	28					
08/09/17																				
08/10/17						251	525	5155	884	11	648	1706	22852	4720	24					
08/11/17																				
08/12/17																				
08/13/17						272	542	5570	889	15										
08/14/17						251	530	5115	826	18										
08/15/17																				

Remediated Nitrate Salt Container Headspace Gas Analysis

	SB50451 - 69361					SB50529 - 68665					SB50559 - 92459					SB50559 - 92472				
Date	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm
07/19/17																				
07/20/17																				
07/21/17																				
07/22/17																				
07/23/17																				
07/24/17																				
07/25/17																				
07/26/17											50	68	1675	82	0	67	114	2205	184	0
07/27/17																				
07/28/17																				
07/29/17																				
07/30/17																				
07/31/17																				
08/01/17	211	666	9550	1160	8	212	811	10673	1449	9										
08/02/17																				
08/03/17																				
08/04/17																				
08/05/17																				
08/06/17																				
08/07/17																71	77	1861	95	0
08/08/17																				
08/09/17																				
08/10/17																				
08/11/17																				
08/12/17																				
08/13/17																				
08/14/17																				
08/15/17																				

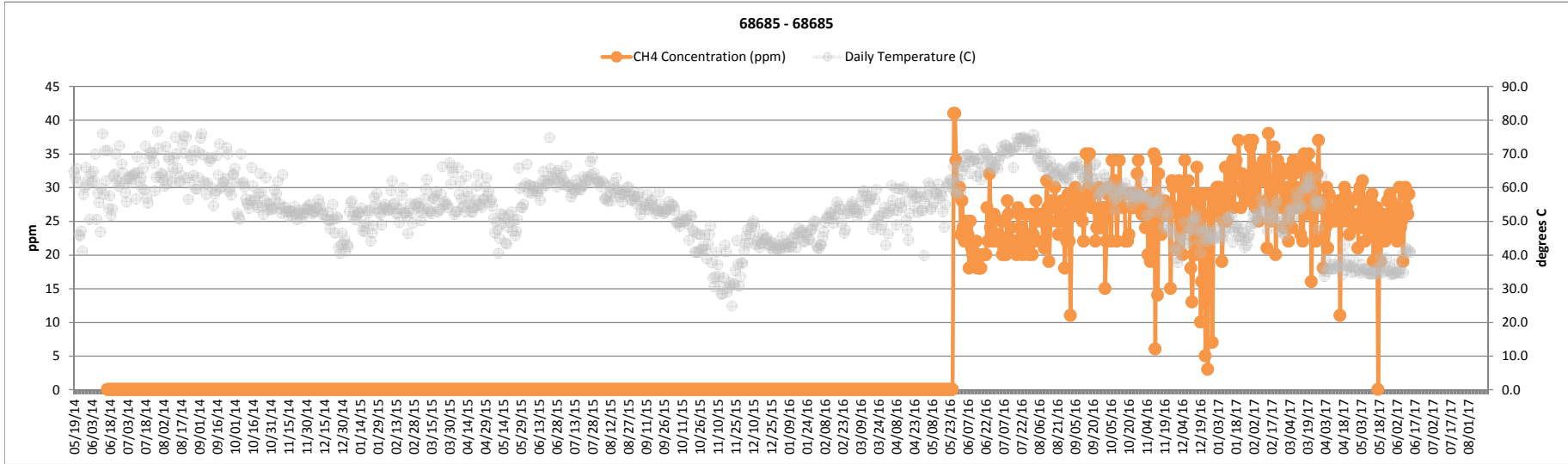
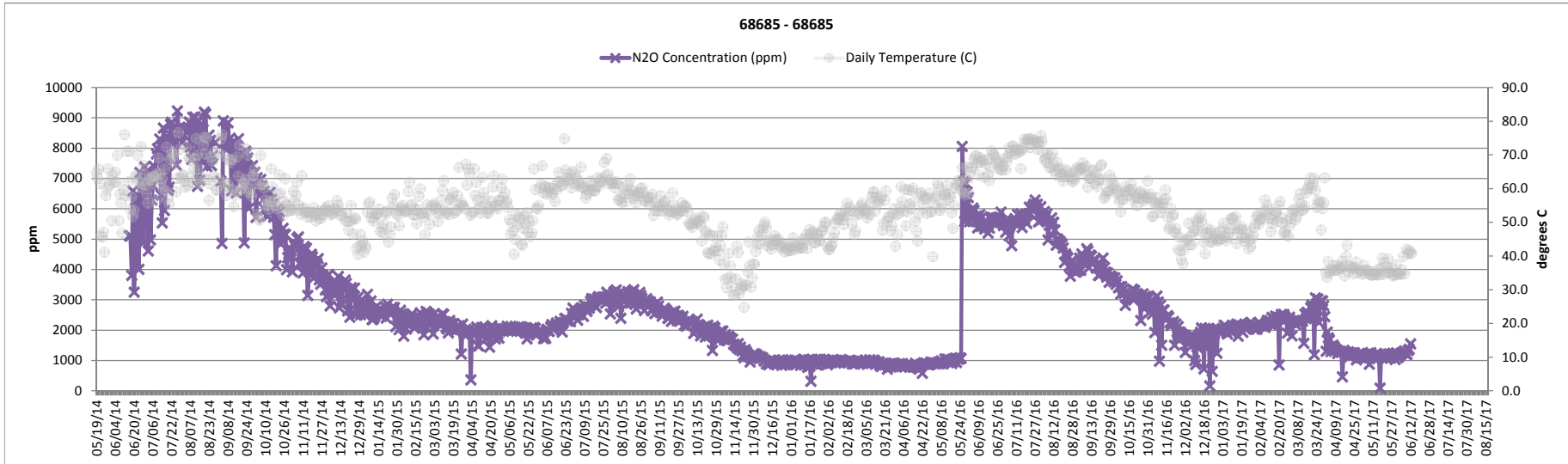
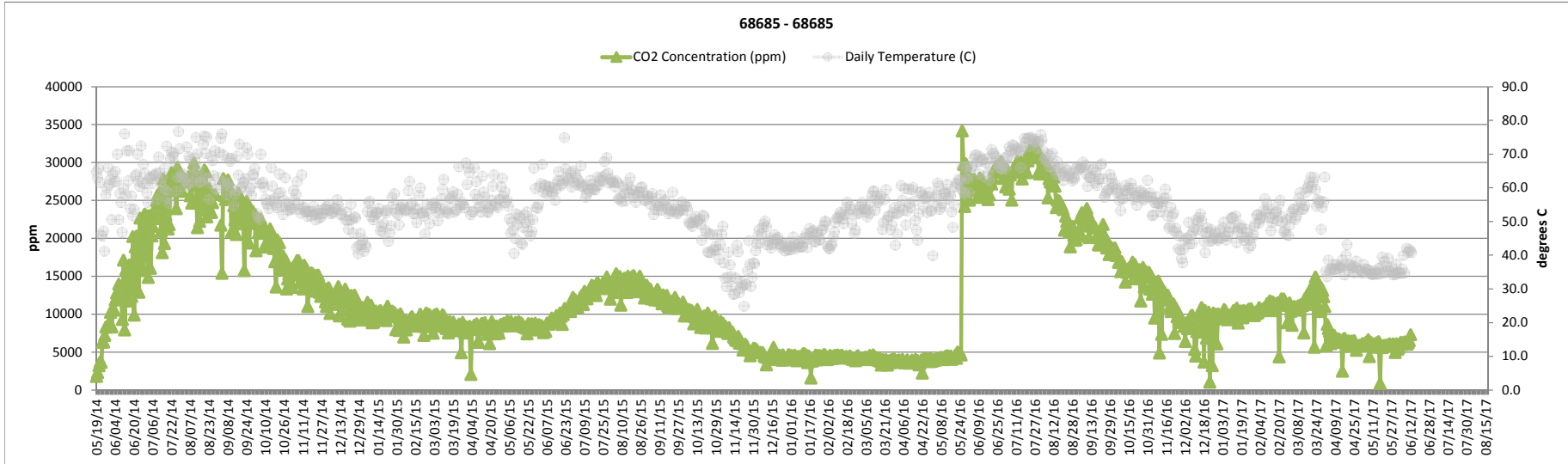
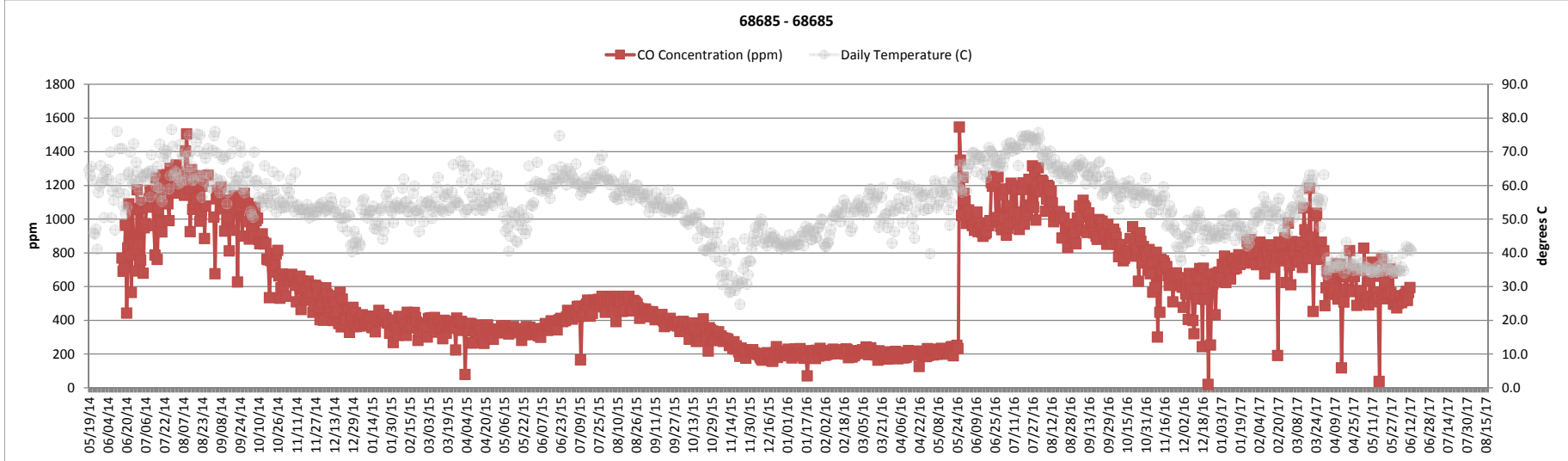
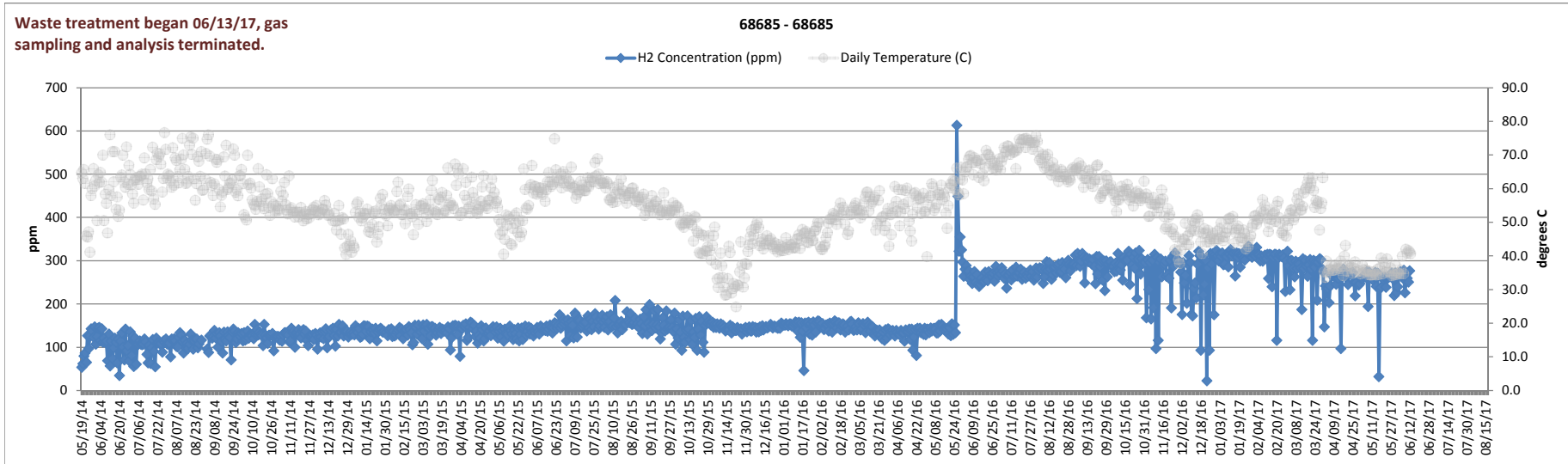
Shading indicates the drum has been treated and gas sampling is no longer performed.

Remediated Nitrate Salt Container Headspace Gas Analysis

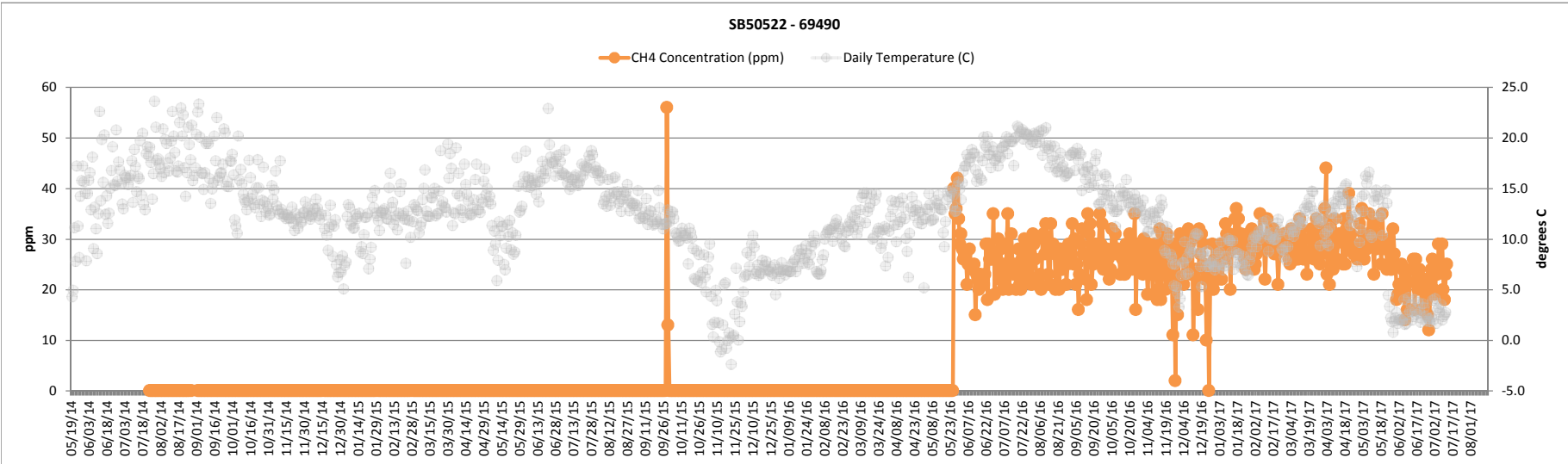
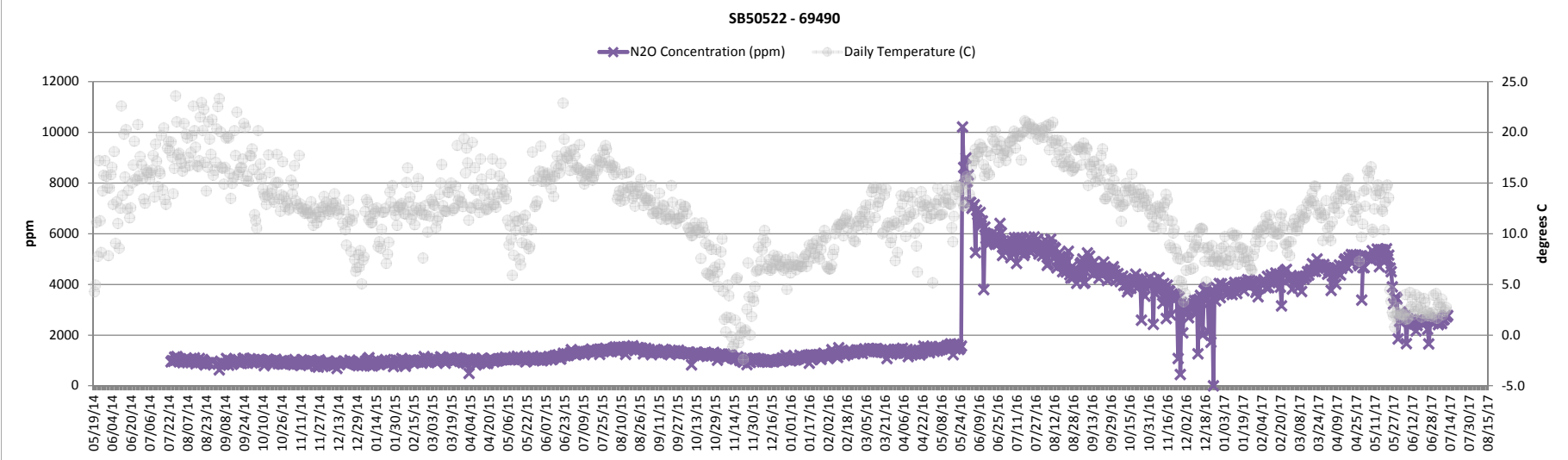
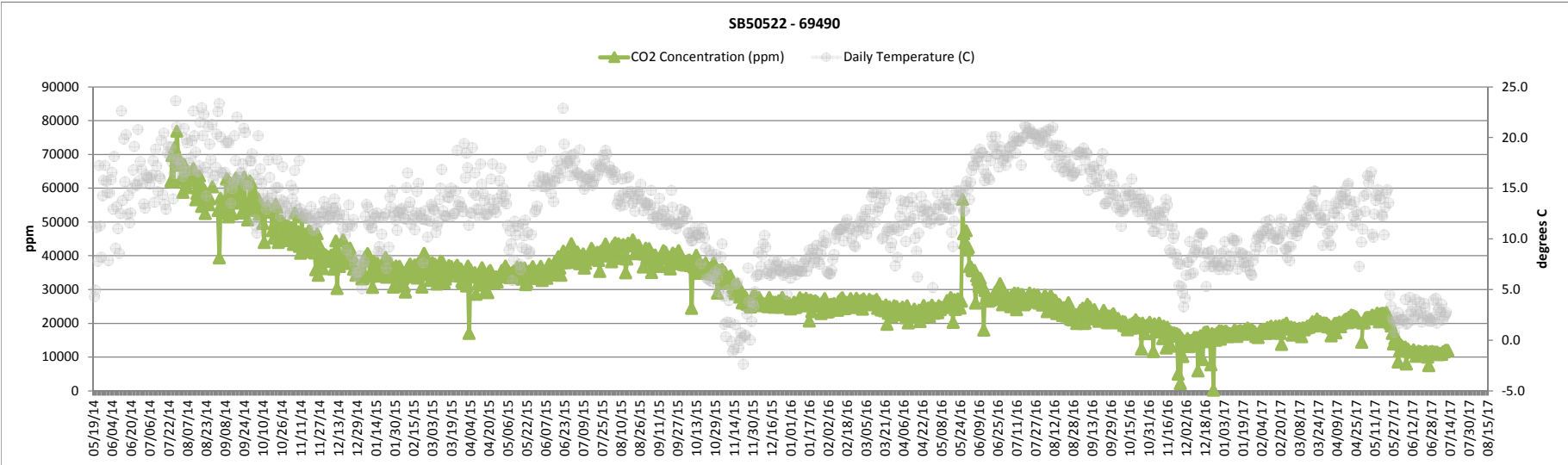
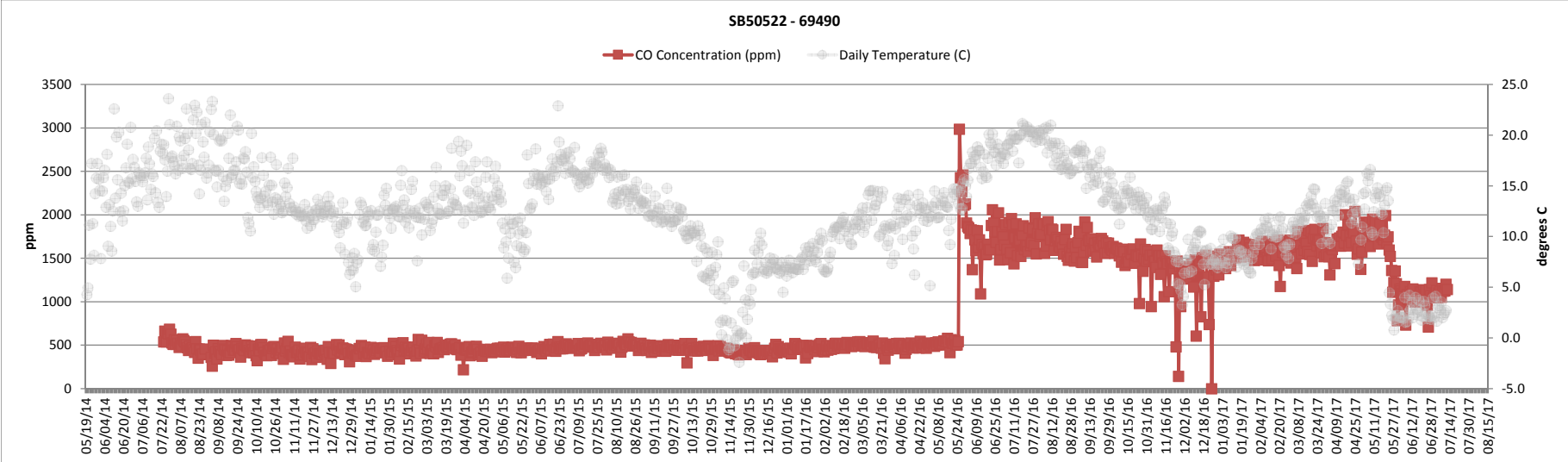
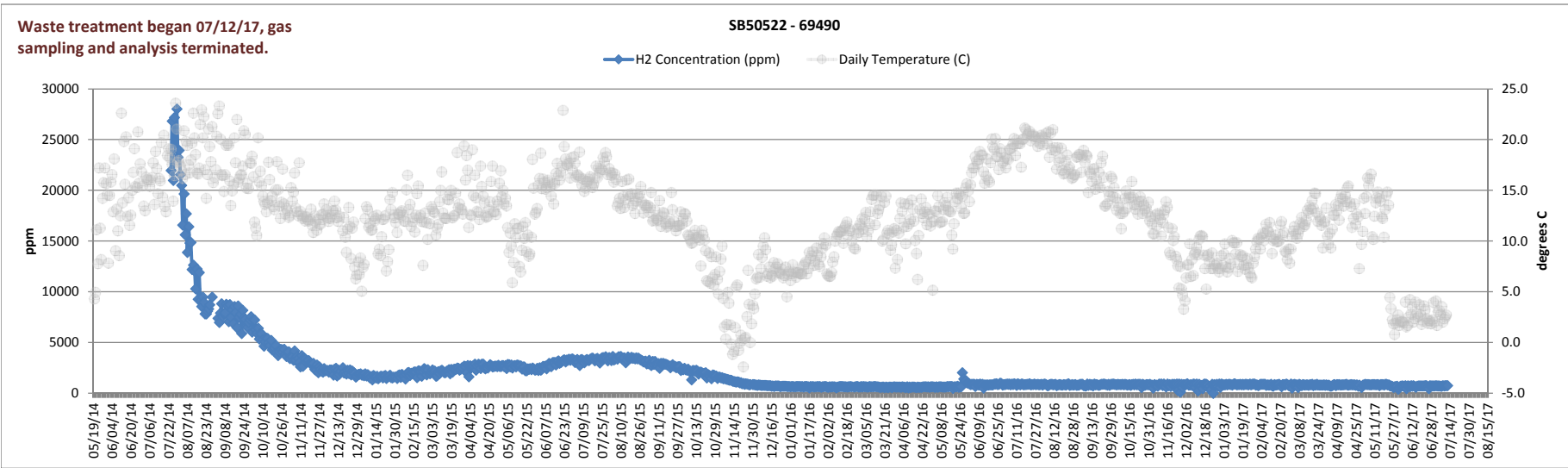
	87823					87825					87826					87827				
Date	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm	H <sub>2</sub> ppm	CO ppm	CO <sub>2</sub> ppm	N <sub>2</sub> O ppm	CH <sub>4</sub> ppm
07/19/17																				
07/20/17																				
07/21/17																				
07/22/17																				
07/23/17																				
07/24/17																				
07/25/17																				
07/26/17																				
07/27/17																				
07/28/17																				
07/29/17																				
07/30/17																				
07/31/17																				
08/01/17																				
08/02/17																				
08/03/17	154	311	4088	785	0	201	333	6421	1326	0	199	411	8111	1467	0	53	129	3245	351	0
08/04/17																				
08/05/17																				
08/06/17																				
08/07/17																				
08/08/17																				
08/09/17																				
08/10/17																				
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08/13/17																				
08/14/17																				
08/15/17																				



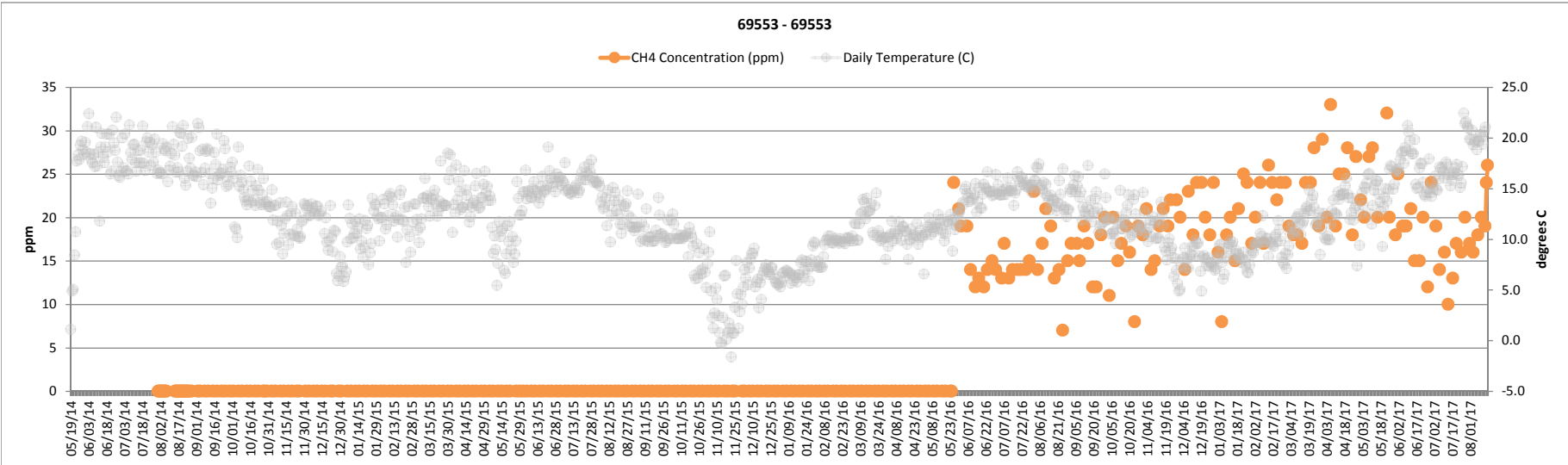
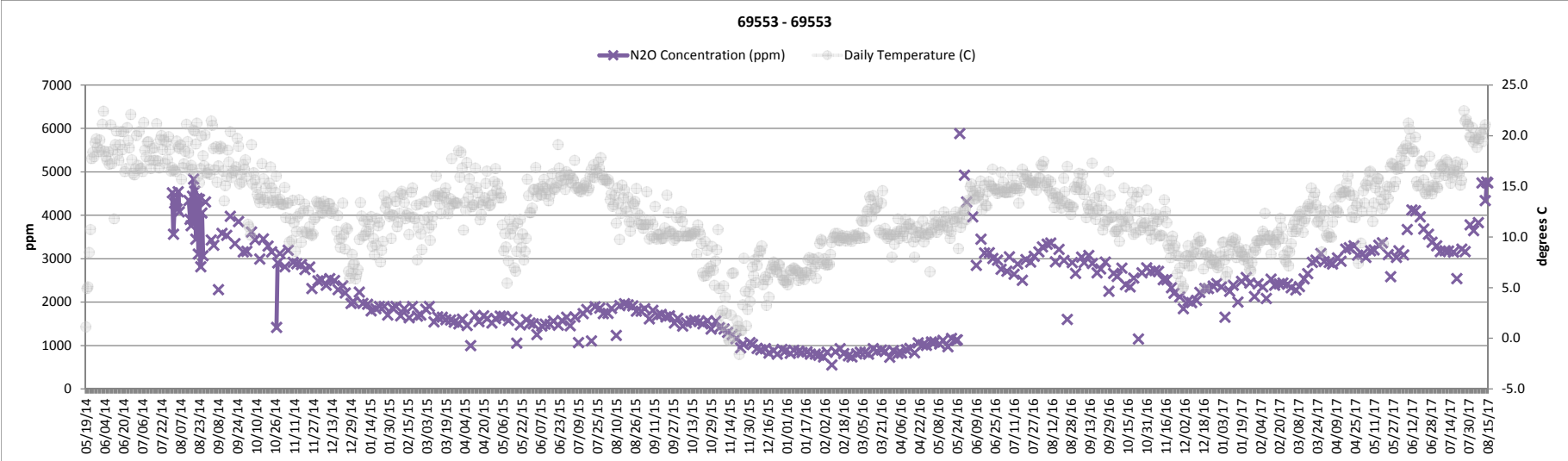
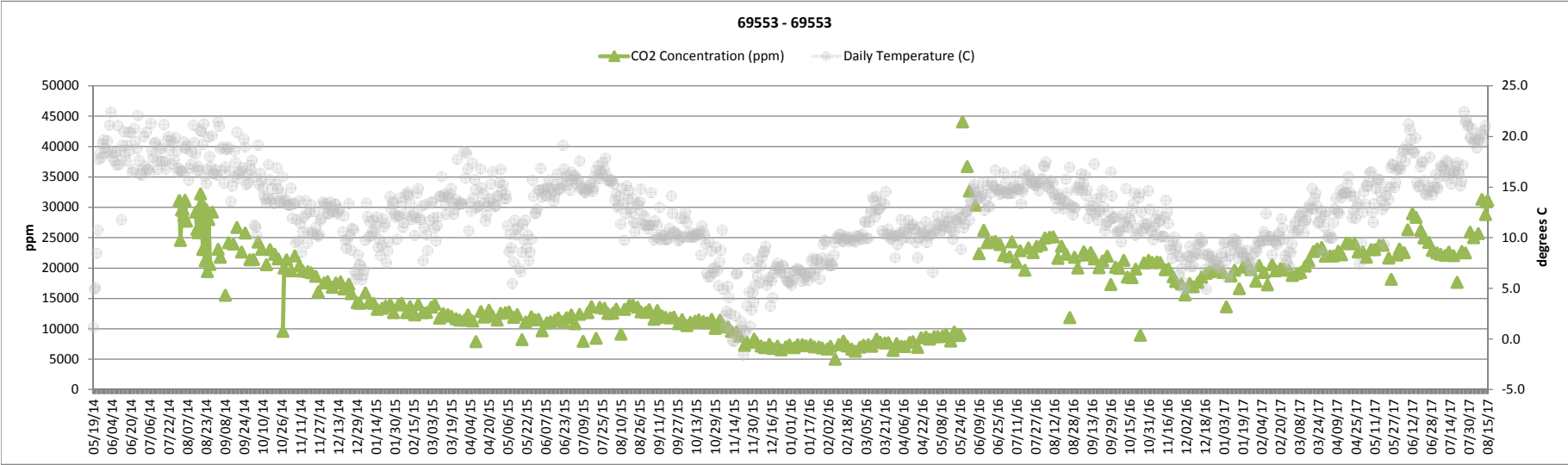
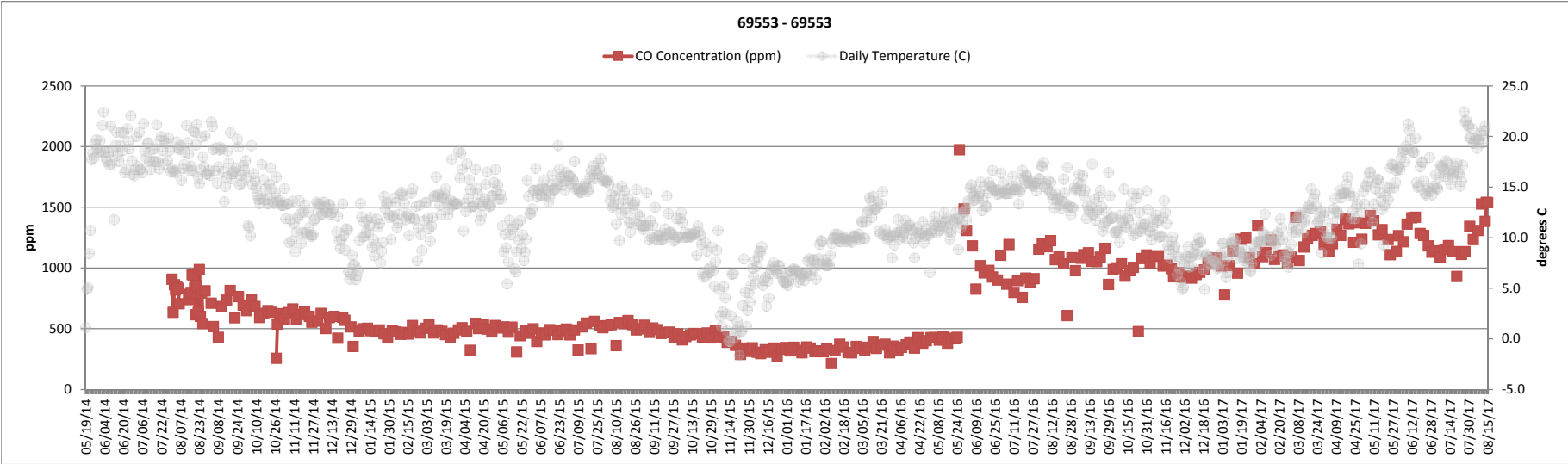
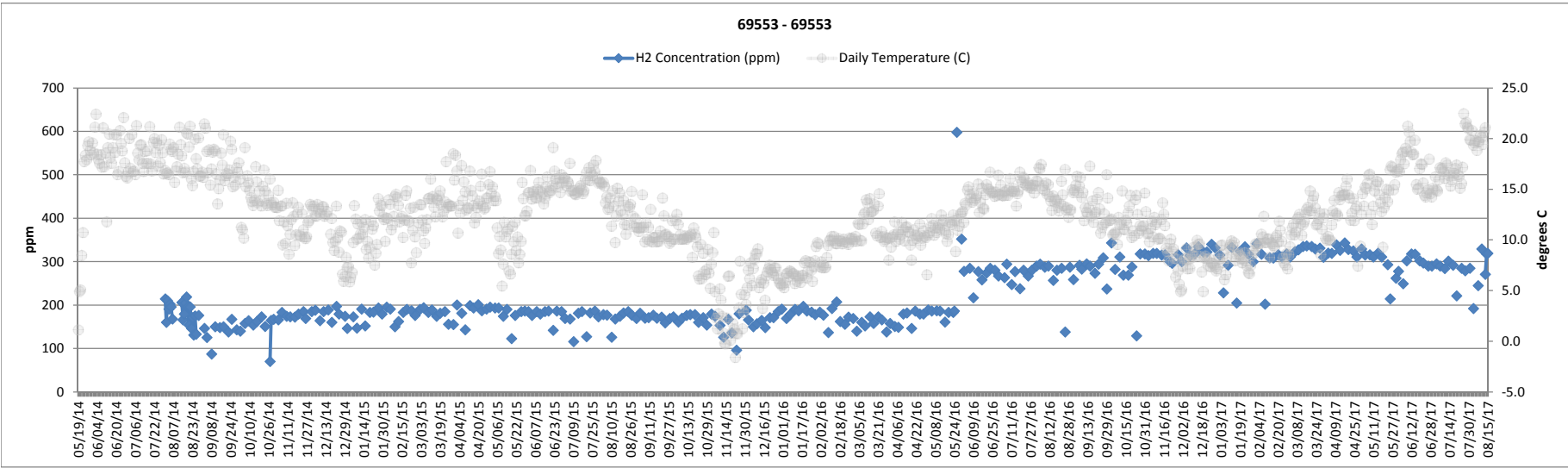
Remediated Nitrate Salt Container Headspace Gas and Temperature



Remediated Nitrate Salt Container Headspace Gas and Temperature

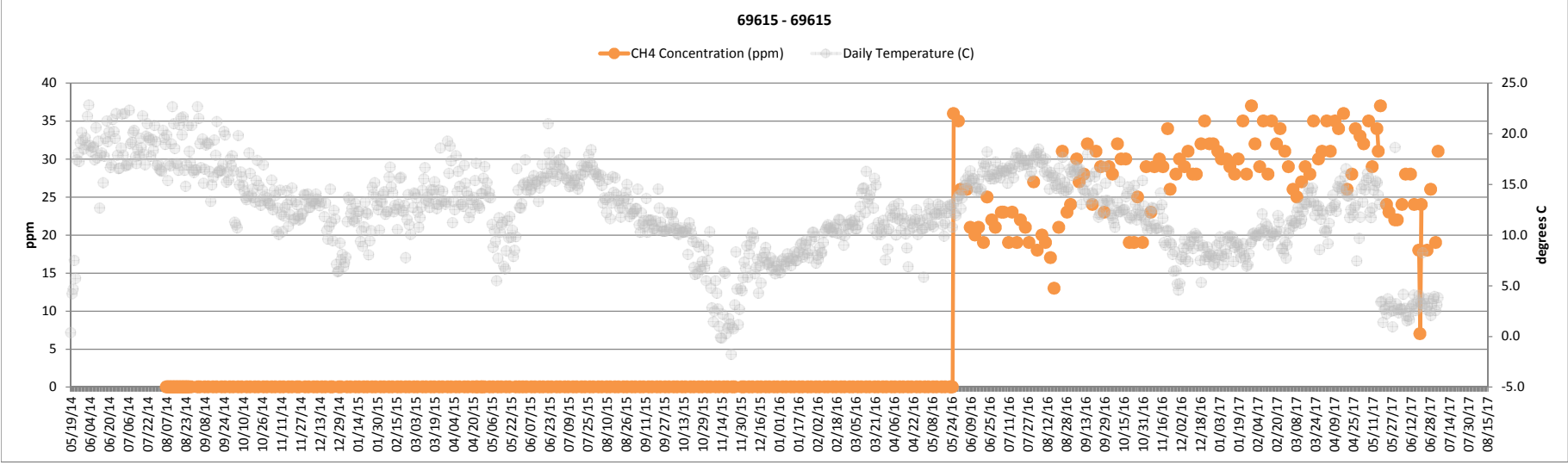
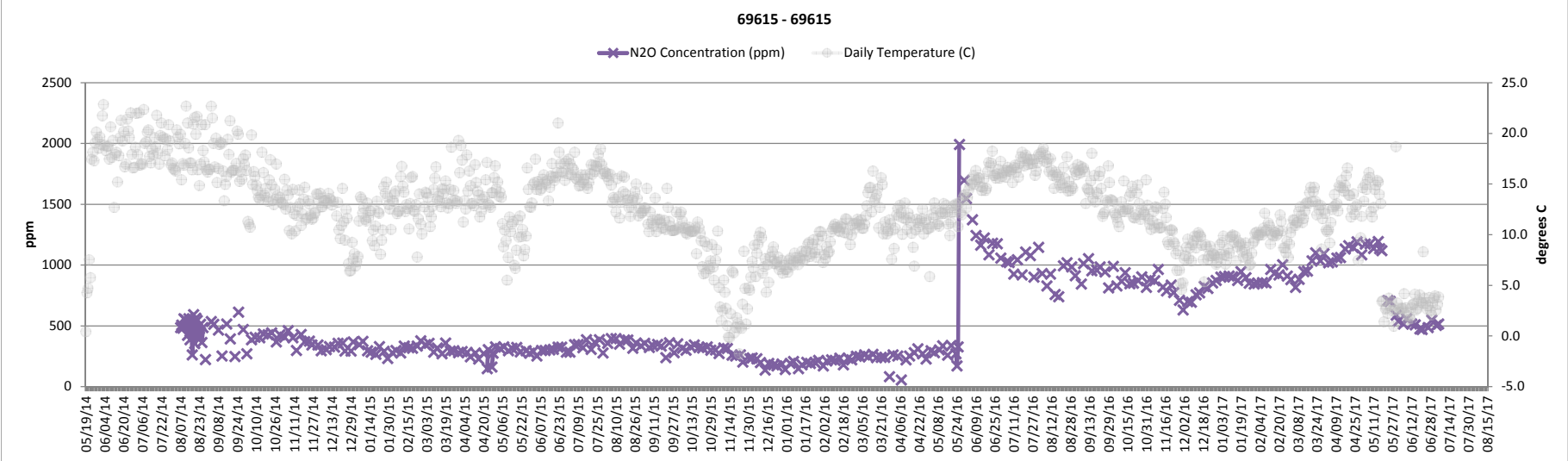
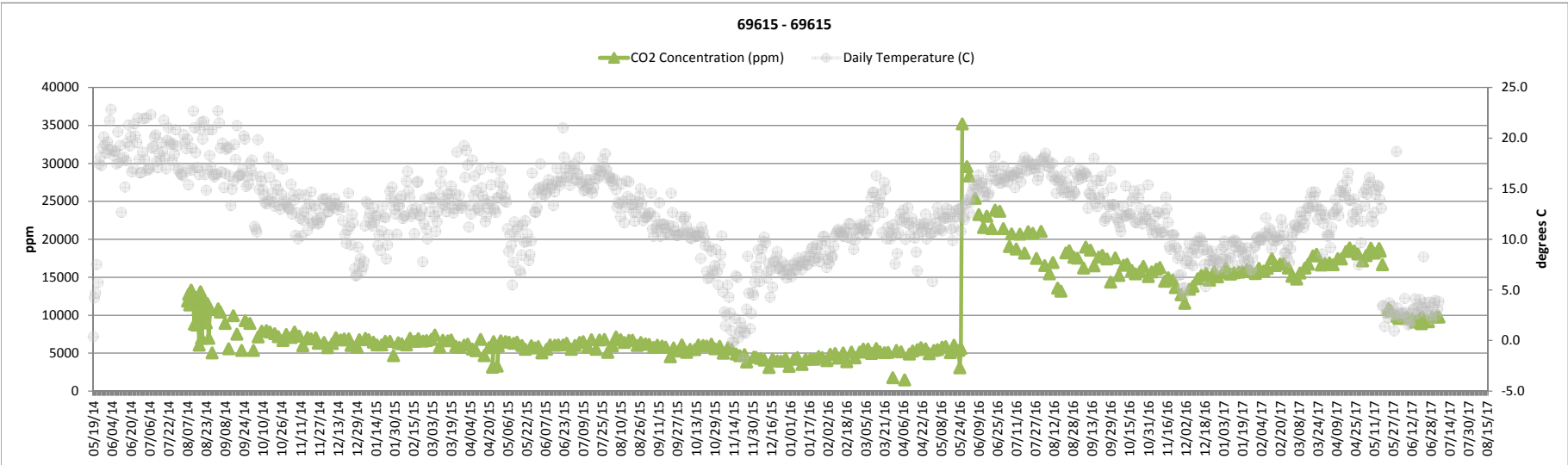
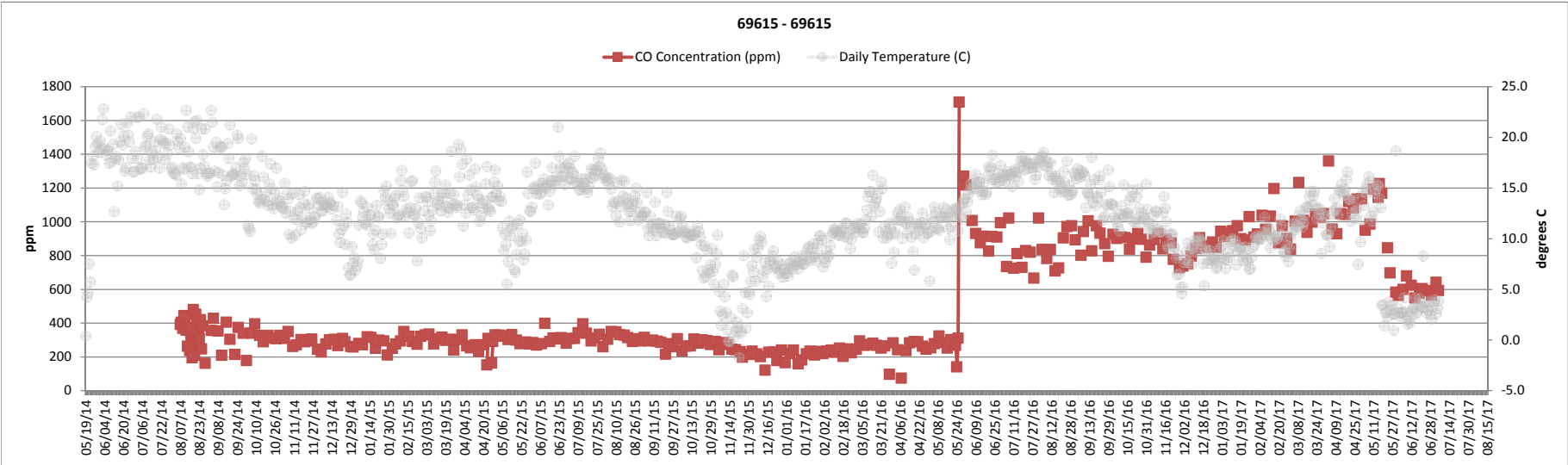
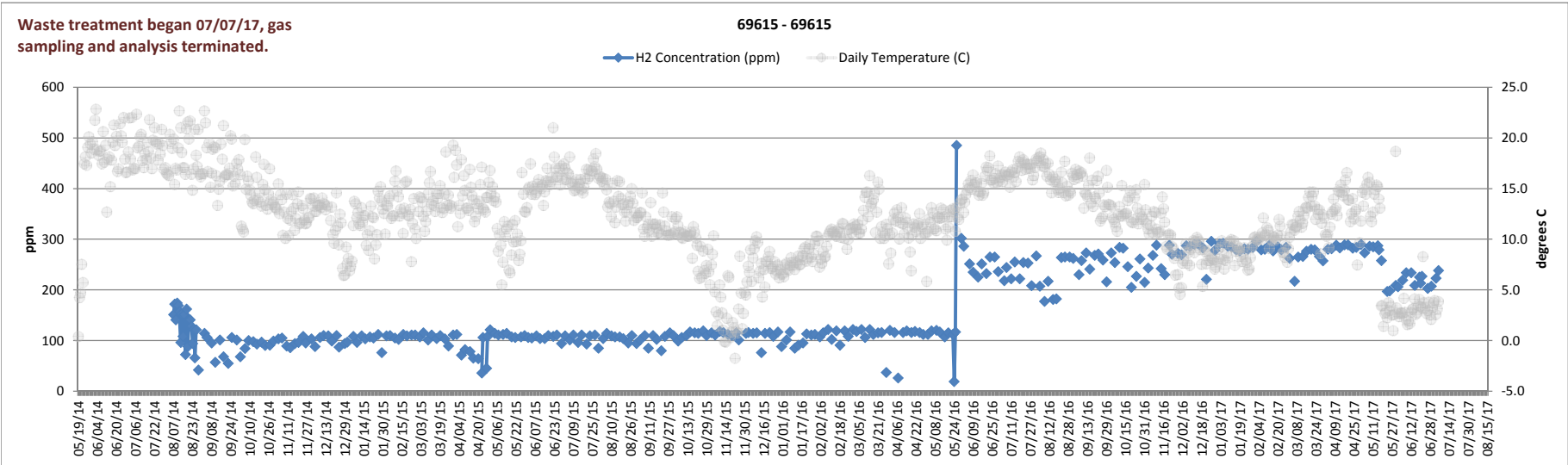


Remediated Nitrate Salt Container Headspace Gas and Temperature

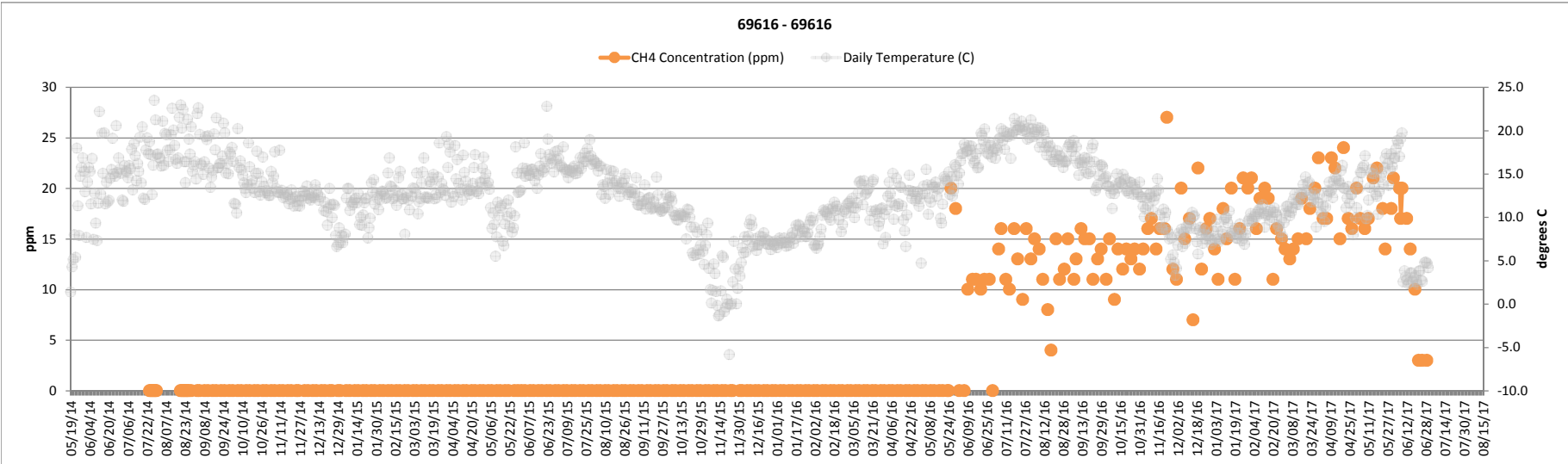
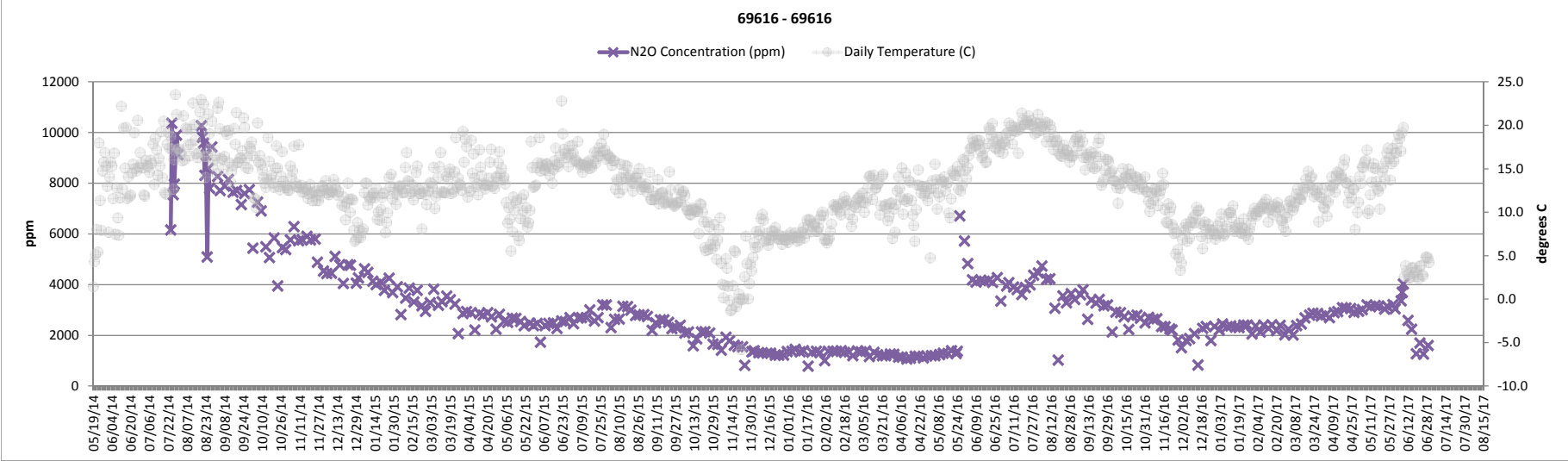
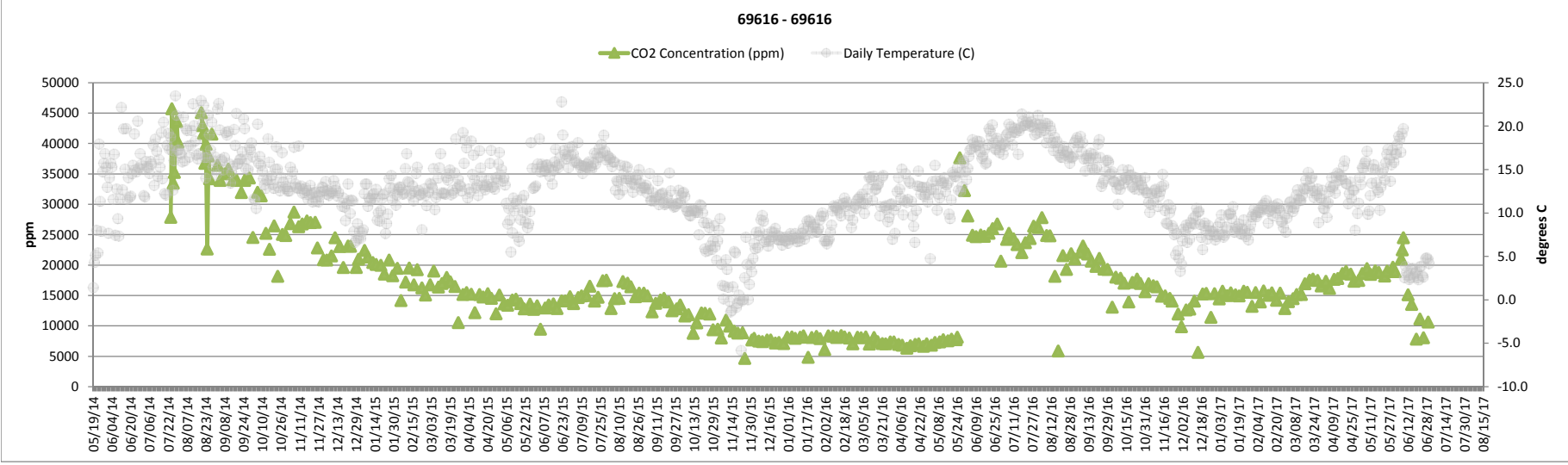
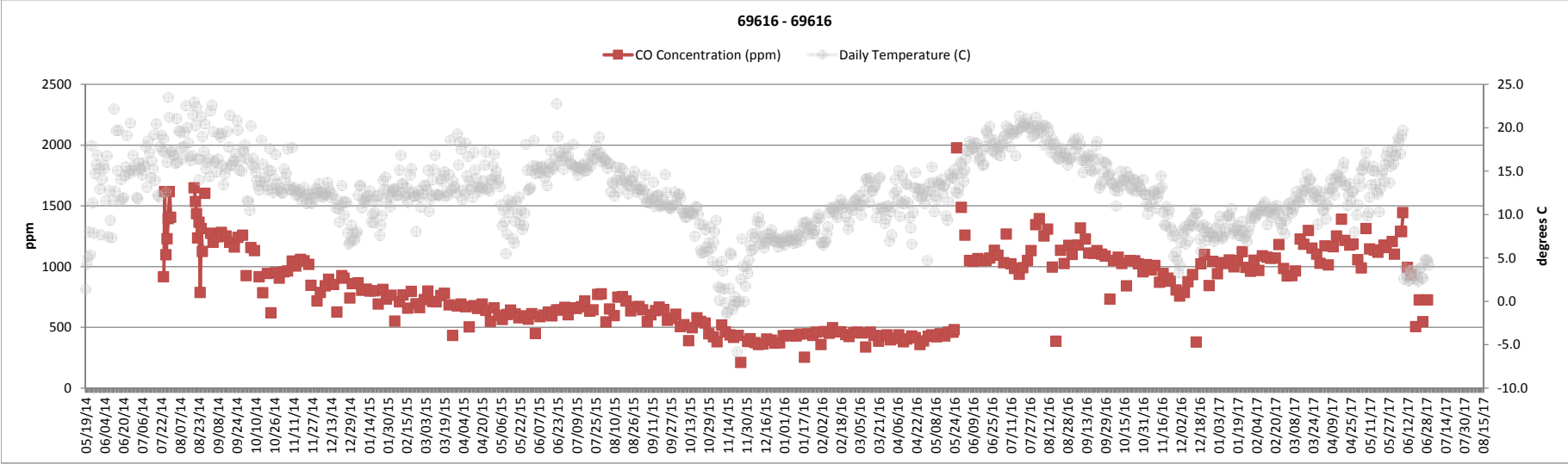
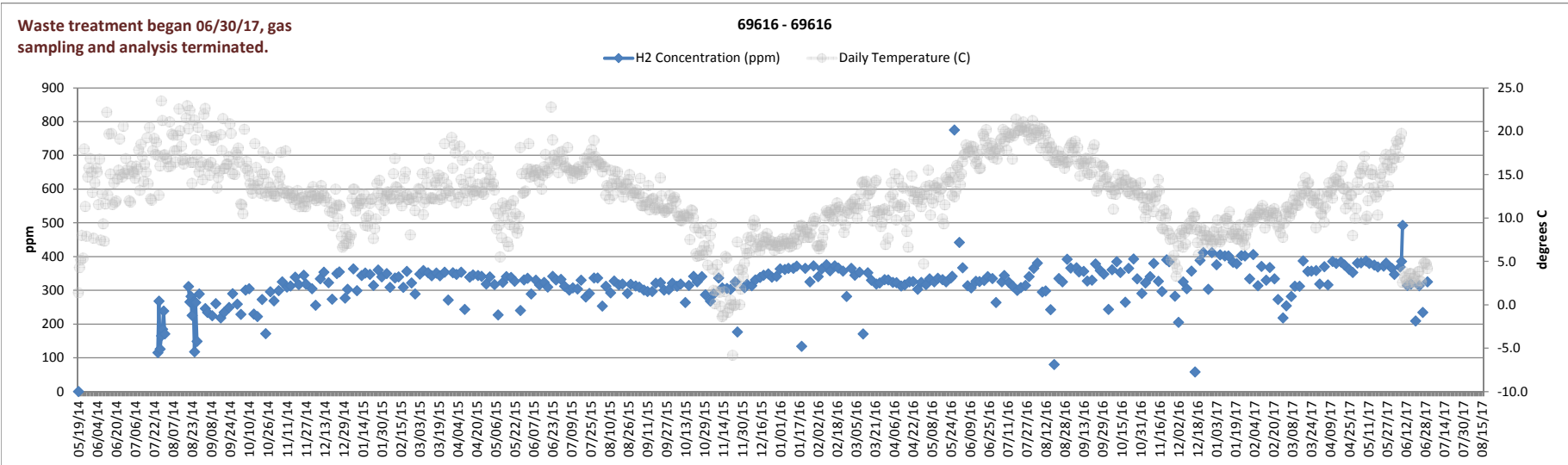




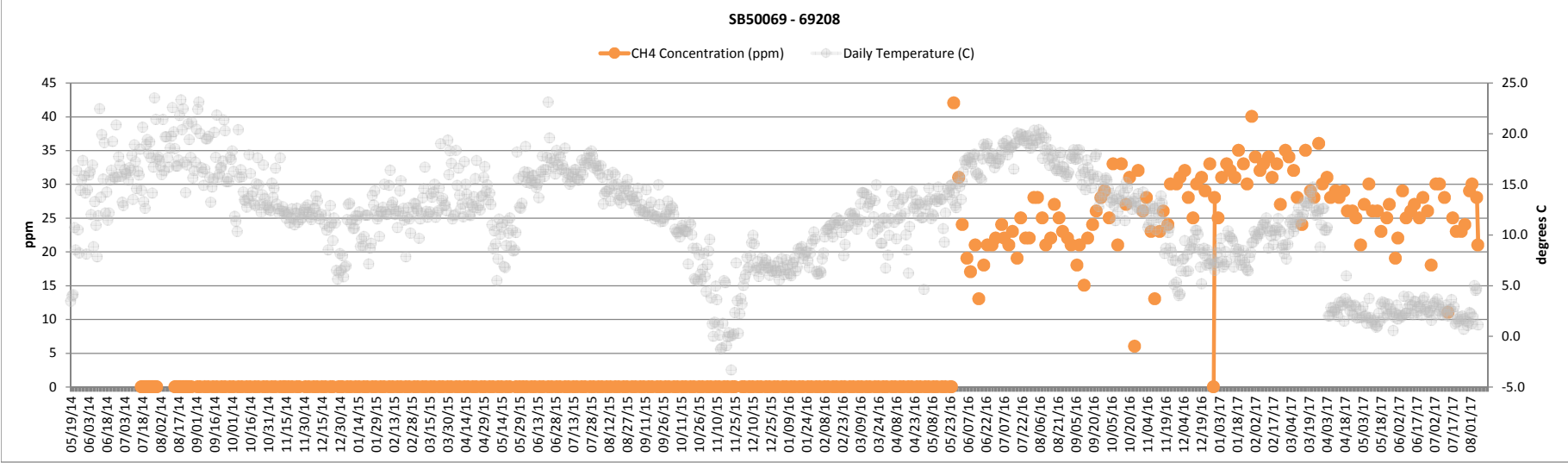
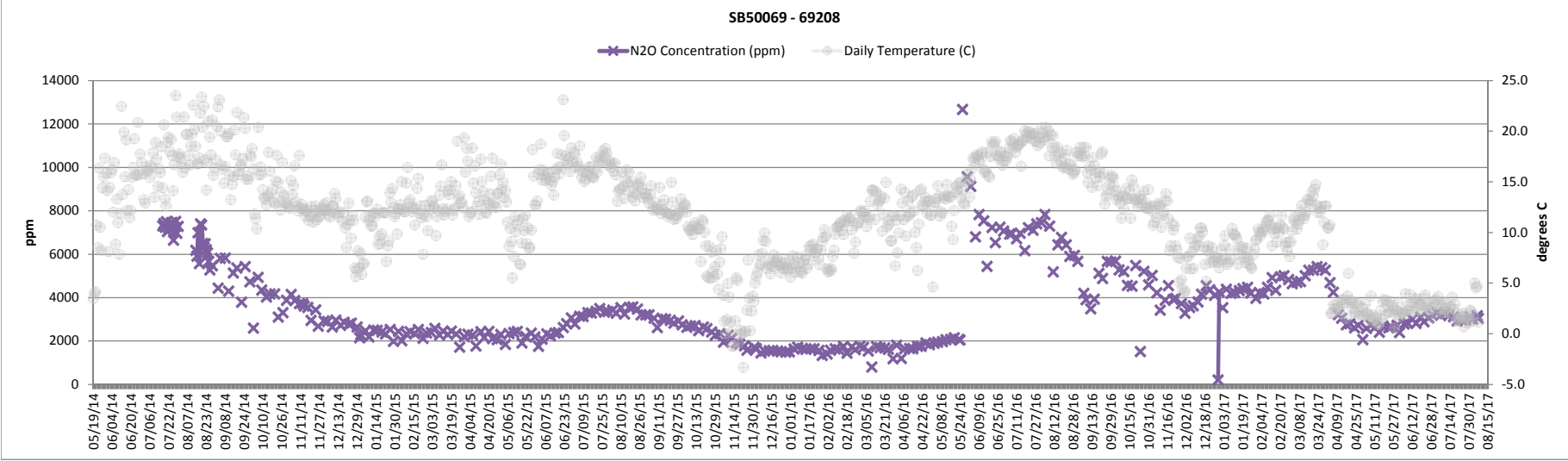
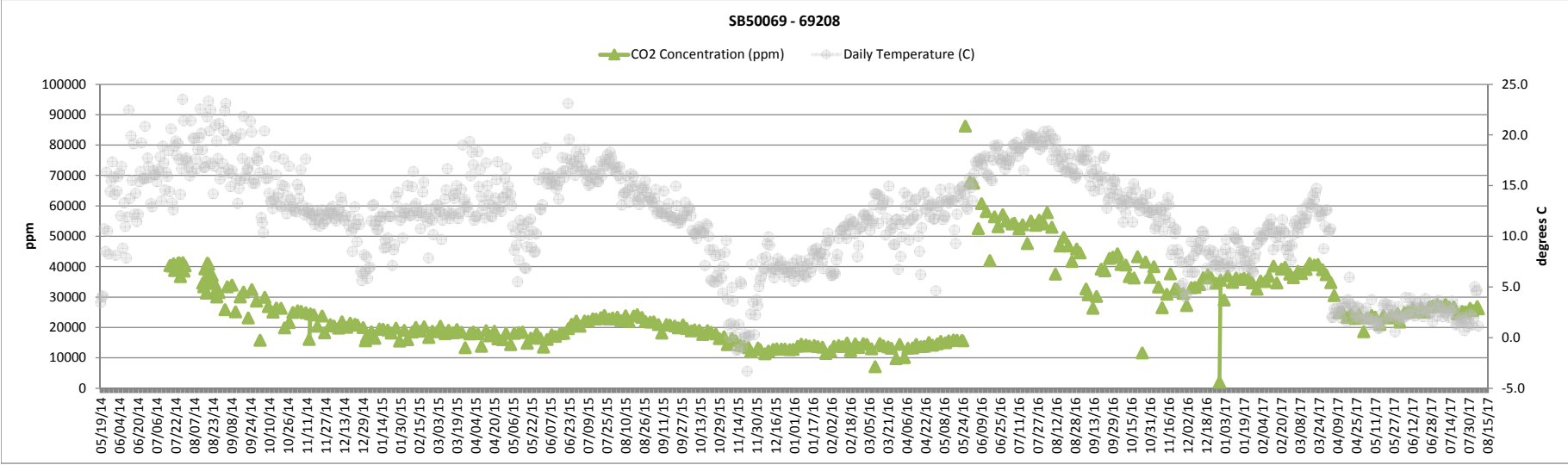
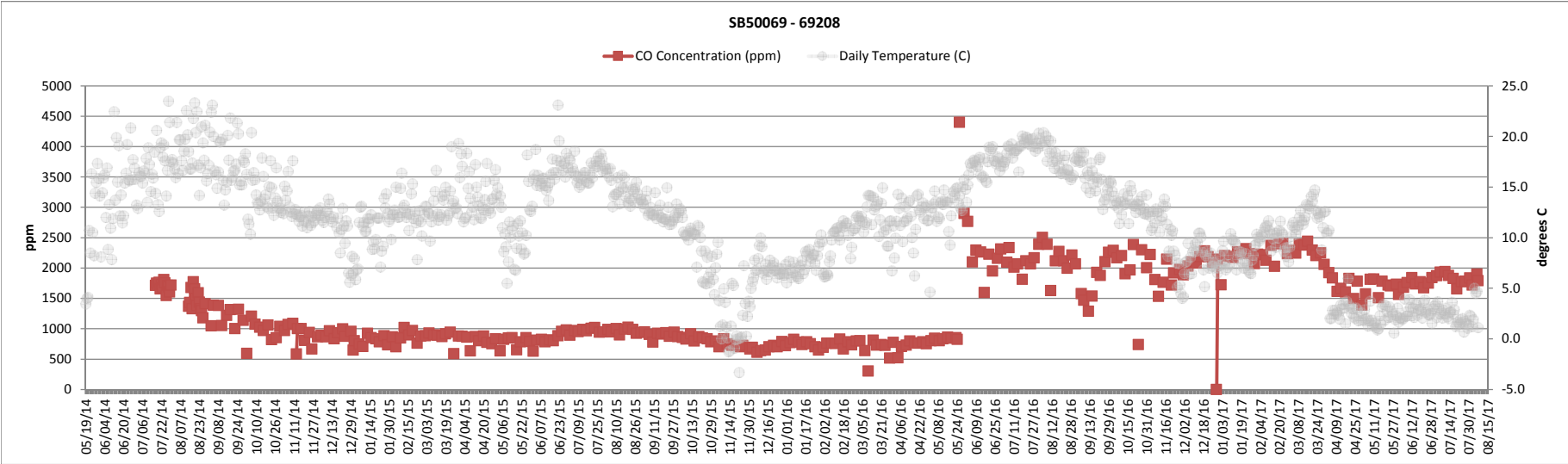
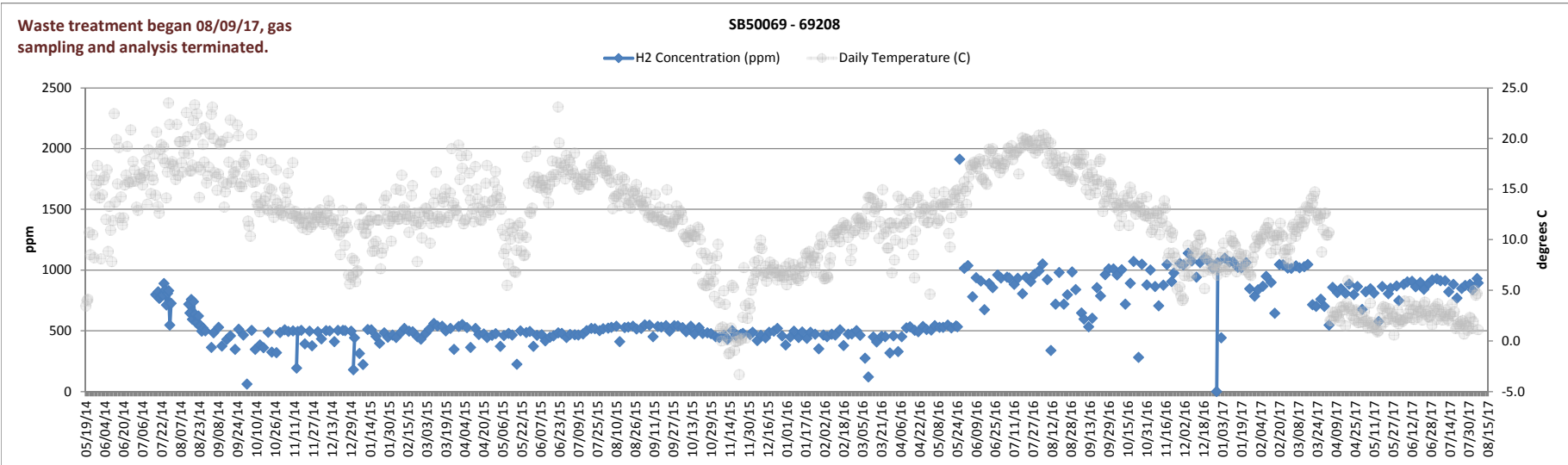
Remediated Nitrate Salt Container Headspace Gas and Temperature



Remediated Nitrate Salt Container Headspace Gas and Temperature

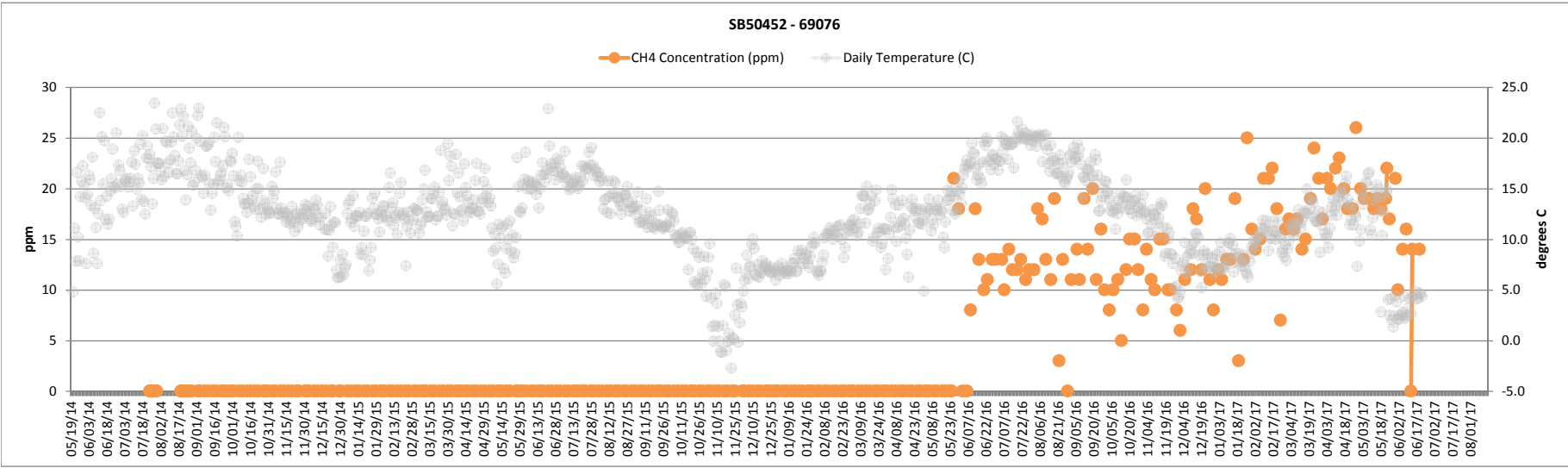
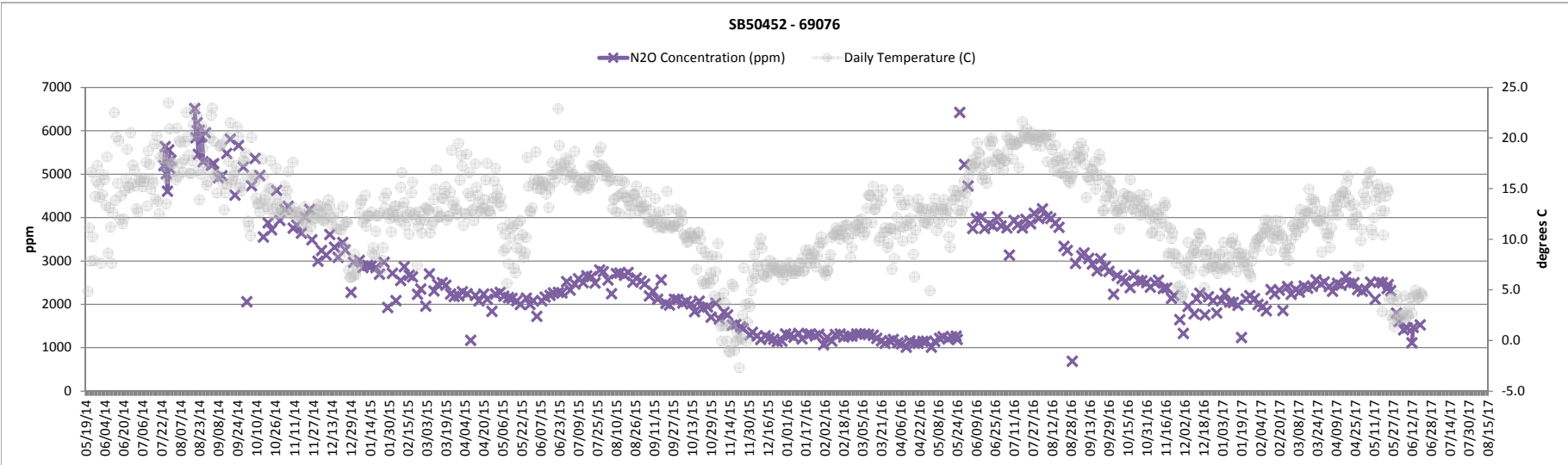
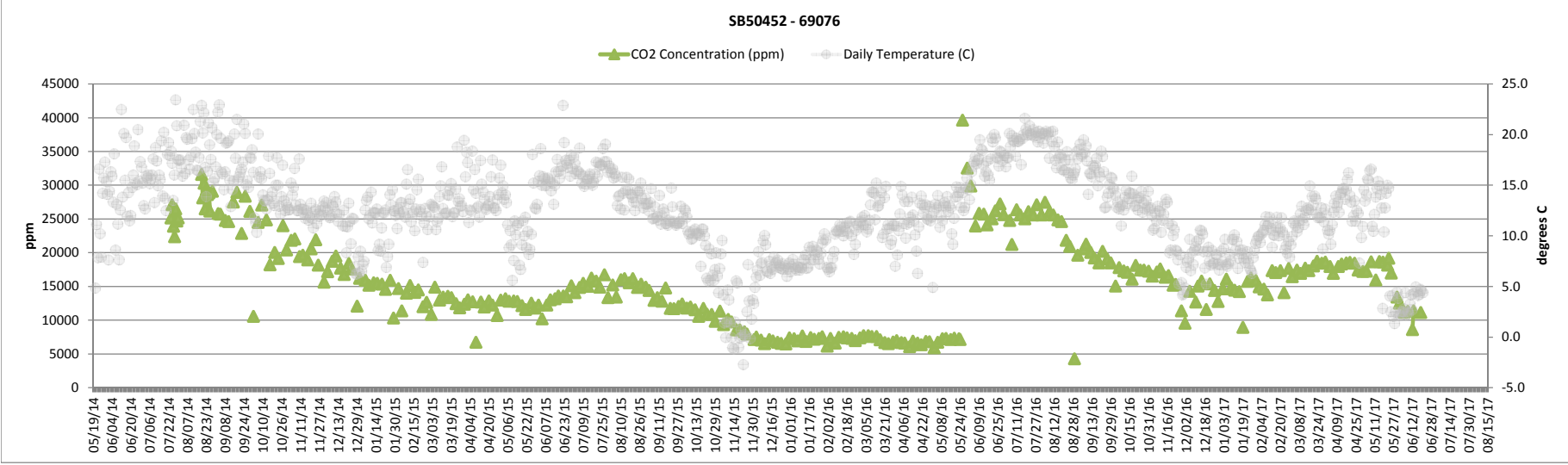
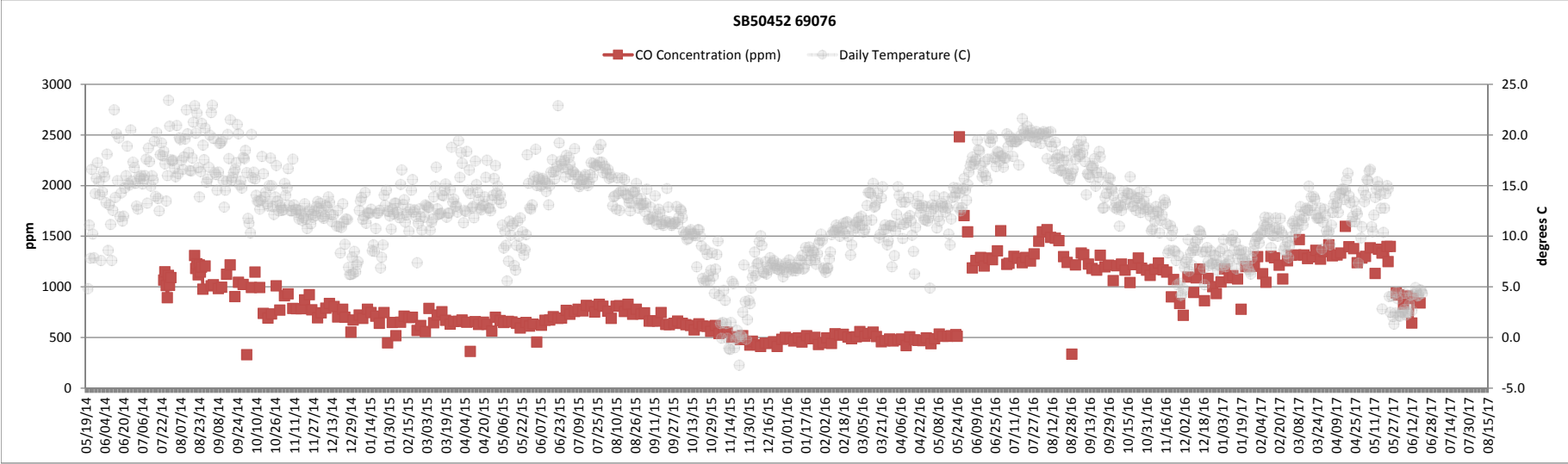
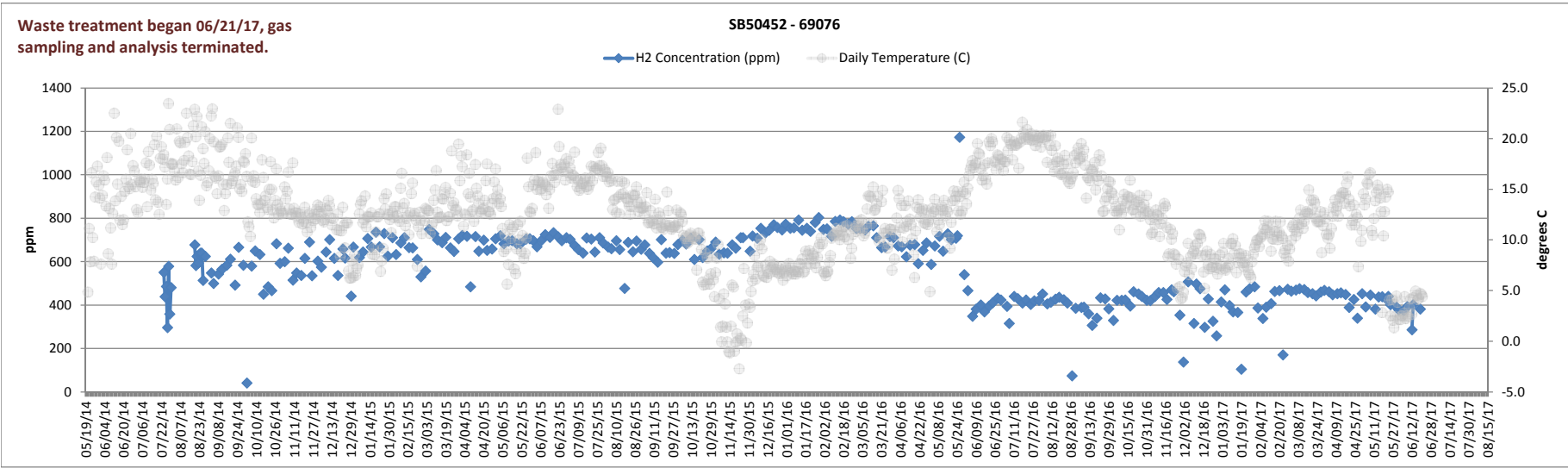


Remediated Nitrate Salt Container Headspace Gas and Temperature





Remediated Nitrate Salt Container Headspace Gas and Temperature



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**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: <u>07-17-17/1301</u>	Tuesday 6.[2] Date & Start Time: <u>07-18-17/1300</u>	Wednesday 6.[2] Date & Start Time: <u>07-19-17/1301</u>	Thursday 6.[2] Date & Start Time: <u>07-20-17/1526</u>	Friday 6.[2] Date & Start Time: <u>07-21-17/1301</u>	Saturday 6.[2] Date & Start Time: <u>07-22-17/1302</u>	Sunday 6.[2] Date & Start Time: <u>07-23-17/1300</u>
<b>TA-54-0375 Cell 1</b>							
Calibrated infrared thermometer (6.[3])	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>
Ambient Temperature (6.[4])	Cell 1: <u>67.7</u> °F	Cell 1: <u>69.5</u> °F	Cell 1: <u>69.7</u> °F	Cell 1: <u>70.5</u> °F	Cell 1: <u>68.0</u> °F	Cell 1: <u>67.2</u> °F	Cell 1: <u>67.6</u> °F
(\$) Temperature ≤ 75°F SR 4.55.5.1 (6.[5])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Ambient Temperature (6.[7])	Refrig.: <u>36.5</u> °F	Refrig.: <u>37.8</u> °F	Refrig.: <u>34.7</u> °F	Refrig.: <u>35.2</u> °F	Refrig.: <u>34.8</u> °F	Refrig.: <u>33.5</u> °F	Refrig.: <u>36.1</u> °F
(\$) Ambient Refrig. Temp.: > 32°F and ≤ 41°F; SR 4.6.2.1, SAC 5.7.24 (6.[7])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Container ID #	Location/( & ) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
68685	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>
68540	① ② ③ ● <u>N/A</u> <u>34.6</u>	① ② ③ ● <u>N/A</u> <u>35.8</u>	① ② ③ ● <u>N/A</u> <u>33.2</u>	① ② ③ ● <u>N/A</u> <u>34.2</u>	① ② ③ ● <u>N/A</u> <u>33.7</u>	① ② ③ ● <u>N/A</u> <u>33.3</u>	① ② ③ ● <u>N/A</u> <u>33.8</u>
68553	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>
69445	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>

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DATE 07-17-17



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	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 R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69013	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	① ② ③ ● N/A
69490	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69076	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69280	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69208	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	① ② ③ ● N/A
69079	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	① ② ③ ● N/A
69636	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69616	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69417	N/A	N/A	N/A	N/A	N/A	N/A	N/A
69620	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69520	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69641	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69298	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	① ② ③ ● N/A
92669	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
End Time (6.[16])	1307	1307	1307	1531	1307	1308	1305
Initial (6.[16])	WO: Lm	WO: Lm	WO: Lm	WO: Lm	WO: ME	WO: ME	WO: ME
	WO: GA	WO: ME	WO: GA	WO: ME	WO: GA	WO: GA	WO: GA



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Comments:

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Leon Montoya		191526	07-17-17
Waste Operator (print)	Signature	Z#	Date
Juan Garcia		1169840	07-17-17
Waste Operator (print)	Signature	Z#	Date
Leon Montoya		191526	07-18-17
Waste Operator (print)	Signature	Z#	Date
MATTHEW ZOCCO		311676	07-18-17
Waste Operator (print)	Signature	Z#	Date
Leon Montoya		191526	07-19-17
Waste Operator (print)	Signature	Z#	Date
Tina Aguirre		124927	07-19-17
Waste Operator (print)	Signature	Z#	Date
Leon Montoya		191526	07-20-17
Waste Operator (print)	Signature	Z#	Date

Waste Operator (print)	Signature	Z#	Date
MATTHEW ZOCCO		311676	07-20-17
Waste Operator (print)	Signature	Z#	Date
Tina Aguirre		124927	07-21-17
Waste Operator (print)	Signature	Z#	Date
MATTHEW ZOCCO		311676	07-21-17
Waste Operator (print)	Signature	Z#	Date
Tina Aguirre		124927	07-22-17
Waste Operator (print)	Signature	Z#	Date
MATTHEW ZOCCO		311676	07-22-17
Waste Operator (print)	Signature	Z#	Date
Tina Aguirre		124927	07-23-17
Waste Operator (print)	Signature	Z#	Date
MATTHEW ZOCCO		311676	07-23-17
Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date



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**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: <u>2-22-17/1309</u>	Tuesday 6.[2] Date & Start Time: <u>02-18-17/1308</u>	Wednesday 6.[2] Date & Start Time: <u>2-19-17/1308</u>	Thursday 6.[2] Date & Start Time: <u>02-20-17/1332</u>	Friday 6.[2] Date & Start Time: <u>02-21-17/1307</u>	Saturday 6.[2] Date & Start Time: <u>02-22-17/1309</u>	Sunday 6.[2] Date & Start Time: <u>02-23-17/1306</u>
<b>TA-54-0375 Cell 2</b>							
Calibrated infrared thermometer (6.[3])	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>
Ambient Temperature (6.[4])	Cell 2: <u>64.7</u> °F	Cell 2: <u>65.6</u> °F	Cell 2: <u>64.9</u> °F	Cell 2: <u>65.3</u> °F	Cell 2: <u>62.2</u> °F	Cell 2: <u>63.1</u> °F	Cell 2: <u>62.9</u> °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
68408	① ② ③ ● N/A <u>39.7</u>	① ② ③ ● N/A <u>35.9</u>	① ② ③ ● N/A <u>36.1</u>	① ② ③ ● N/A <u>36.2</u>	① ② ③ ● N/A <u>36.7</u>	① ② ③ ● N/A <u>35.6</u>	① ② ③ ● N/A <u>37.0</u>
68638	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>
69615	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>
69635	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>
69642	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>
69630	① ② ③ ® N/A <u>65.0</u>	① ② ③ ® N/A <u>65.0</u>	① ② ③ ® N/A <u>65.9</u>	① ② ③ ® N/A <u>65.3</u>	① ② ③ ® N/A <u>63.5</u>	① ② ③ ® N/A <u>64.1</u>	① ② ③ ® N/A <u>63.7</u>
69633	① ② ③ ® N/A <u>64.5</u>	① ② ③ ® N/A <u>64.1</u>	① ② ③ ® N/A <u>65.0</u>	① ② ③ ® N/A <u>65.6</u>	① ② ③ ® N/A <u>63.0</u>	① ② ③ ® N/A <u>62.7</u>	① ② ③ ® N/A <u>61.9</u>
68430	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>
68631	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>	① ② ③ ® N/A <u>N/A</u>
69634	① ② ③ ® N/A <u>60.1</u>	① ② ③ ® N/A <u>57.5</u>	① ② ③ ® N/A <u>56.3</u>	① ② ③ ● N/A <u>39.4</u>	① ② ③ ● N/A <u>37.7</u>	① ② ③ ● N/A <u>36.1</u>	① ② ③ ● N/A <u>37.5</u>



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	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 R N/A	60.6	① ② ③ R N/A	60.9	① ② ③ R N/A	61.0	① ② ③ R N/A	60.5	① ② ③ R N/A	58.9	① ② ③ R N/A	60.0	① ② ③ R N/A	59.1
94227	① ② ③ ● N/A	39.9	① ② ③ ● N/A	34.9	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A
68648	① ② ③ R N/A	64.0	① ② ③ R N/A	63.8	① ② ③ R N/A	65.0	① ② ③ ● N/A	39.7	① ② ③ ● N/A	37.7	① ② ③ ● N/A	36.5	① ② ③ ● N/A	37.2
69644	① ② ③ R N/A	64.1	① ② ③ R N/A	64.6	① ② ③ R N/A	65.6	① ② ③ R N/A	65.2	① ② ③ R N/A	62.9	① ② ③ R N/A	63.3	① ② ③ R N/A	62.3
69183	① ② ③ R N/A	64.2	① ② ③ R N/A	63.9	① ② ③ R N/A	65.3	① ② ③ R N/A	64.4	① ② ③ R N/A	62.6	① ② ③ R N/A	62.7	① ② ③ R N/A	62.3
69638	① ② ③ R N/A	64.5	① ② ③ R N/A	64.2	① ② ③ R N/A	64.8	① ② ③ R N/A	64.5	① ② ③ R N/A	63.0	① ② ③ R N/A	63.3	① ② ③ R N/A	62.8
68624	① ② ③ R N/A	64.5	① ② ③ R N/A	63.7	① ② ③ R N/A	64.5	① ② ③ R N/A	64.5	① ② ③ R N/A	62.5	① ② ③ R N/A	62.8	① ② ③ R N/A	62.1
68507	① ② ③ R N/A	62.7	① ② ③ R N/A	62.9	① ② ③ R N/A	64.7	① ② ③ R N/A	64.5	① ② ③ R N/A	61.3	① ② ③ R N/A	62.2	① ② ③ R N/A	61.0
69568	① ② ③ ● N/A	39.7	① ② ③ ● N/A	33.8	① ② ③ ● N/A	37.6	① ② ③ ● N/A	38.1	① ② ③ ● N/A	39.0	① ② ③ ● N/A	38.1	① ② ③ ● N/A	38.2
69553	① ② ③ R N/A	61.5	① ② ③ R N/A	61.8	① ② ③ R N/A	62.7	① ② ③ R N/A	63.3	① ② ③ R N/A	61.6	① ② ③ R N/A	61.3	① ② ③ R N/A	59.2
69598	① ② ③ R N/A	60.3	① ② ③ R N/A	60.4	① ② ③ R N/A	61.9	① ② ③ R N/A	60.6	① ② ③ R N/A	59.9	① ② ③ R N/A	60.0	① ② ③ R N/A	59.5
92472	① ② ③ ● N/A	39.8	① ② ③ ● N/A	35.2	① ② ③ ● N/A	36.7	① ② ③ ● N/A	37.7	① ② ③ ● N/A	37.9	① ② ③ ● N/A	37.0	① ② ③ ● N/A	37.7
92459	① ② ③ ● N/A	39.5	① ② ③ ● N/A	34.4	① ② ③ ● N/A	32.5	① ② ③ ● N/A	37.6	① ② ③ ● N/A	38.3	① ② ③ ● N/A	37.2	① ② ③ ● N/A	38.0
69015	① ② ③ R N/A	62.9	① ② ③ R N/A	64.3	① ② ③ R N/A	63.9	① ② ③ R N/A	63.8	① ② ③ R N/A	62.1	① ② ③ R N/A	62.0	① ② ③ R N/A	63.2
69639	① ② ③ R N/A	63.8	① ② ③ R N/A	64.4	① ② ③ R N/A	65.3	① ② ③ R N/A	64.6	① ② ③ R N/A	63.4	① ② ③ R N/A	62.7	① ② ③ R N/A	61.9
69637	① ② ③ R N/A	63.8	① ② ③ R N/A	63.7	① ② ③ R N/A	65.3	① ② ③ R N/A	65.9	① ② ③ R N/A	62.4	① ② ③ R N/A	62.8	① ② ③ R N/A	62.4
End Time (6.[16])	1314	1320	1314	1338	1310	1312	1309							
Initial (6.[16])	WO: <u>LM</u> WO: <u>DA</u>	WO: <u>LM</u> WO: <u>ME</u>	WO: <u>LM</u> WO: <u>DA</u>	WO: <u>LM</u> WO: <u>ME</u>	WO: <u>ME</u> WO: <u>DA</u>	WO: <u>ME</u> WO: <u>DA</u>	WO: <u>ME</u> WO: <u>DA</u>							



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Comments:

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date	MATTHEW ZOCCO	Matthew Z	311676	07-20-17
				Waste Operator (print)	Signature	Z#	Date
Juan Garcia	Juan Garcia	1169840	07-17-17	Tina Aguirre	Tina Aguirre	174927	07-21-17
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
Leon Montoya	Leon Montoya	191526	07-18-17	MATTHEW ZOCCO	Matthew Z	311676	07-21-17
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
MATTHEW ZOCCO	Matthew Z	311676	07-18-17	Tina Aguirre	Tina Aguirre	174927	07-22-17
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
Leon Montoya	Leon Montoya	191526	07-19-17	MATTHEW ZOCCO	Matthew Z	311676	07-22-17
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
Tina Aguirre	Tina Aguirre	174927	07-19-17	Tina Aguirre	Tina Aguirre	174927	07-23-17
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
Leon Montoya	Leon Montoya	191526	07-20-17	MATTHEW ZOCCO	Matthew Z	311676	07-23-17
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date

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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: <u>2-17-17/1315</u>	Tuesday 6.[2] Date & Start Time: <u>02-18-17/1321</u>	Wednesday 6.[2] Date & Start Time: <u>2-17-17/1315</u>	Thursday 6.[2] Date & Start Time: <u>2-20-17/1539</u>	Friday 6.[2] Date & Start Time: <u>02-21-17/1311</u>	Saturday 6.[2] Date & Start Time: <u>02-22-17/1313</u>	Sunday 6.[2] Date & Start Time: <u>02-23-17/1310</u>
TA-54-0375 Cell 3							
Calibrated infrared thermometer (6.[3])	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>
Ambient Temperature (6.[4])	Cell 3: <u>67.2</u> °F	Cell 3: <u>67.2</u> °F	Cell 3: <u>67.8</u> °F	Cell 3: <u>68.1</u> °F	Cell 3: <u>66.0</u> °F	Cell 3: <u>65.2</u> °F	Cell 3: <u>64.1</u> °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
69519	① ② ③ ® N/A <u>63.9</u>	① ② ③ ® N/A <u>63.9</u>	① ② ③ ® N/A <u>65.4</u>	① ② ③ ® N/A <u>65.3</u>	① ② ③ ® N/A <u>63.3</u>	① ② ③ ® N/A <u>63.3</u>	① ② ③ ® N/A <u>62.4</u>
69645	① ② ③ ® N/A <u>65.0</u>	① ② ③ ® N/A <u>63.0</u>	① ② ③ ® N/A <u>64.3</u>	① ② ③ ® N/A <u>63.4</u>	① ② ③ ® N/A <u>63.0</u>	① ② ③ ® N/A <u>61.2</u>	① ② ③ ® N/A <u>60.9</u>
94068	① ② ③ ® N/A <u>66.0</u>	① ② ③ ® N/A <u>65.7</u>	① ② ③ ® N/A <u>67.1</u>	① ② ③ ® N/A <u>66.4</u>	① ② ③ ® N/A <u>66.0</u>	① ② ③ ® N/A <u>64.1</u>	① ② ③ ® N/A <u>64.8</u>
93605	① ② ③ ® N/A <u>66.6</u>	① ② ③ ® N/A <u>66.1</u>	① ② ③ ® N/A <u>67.2</u>	① ② ③ ® N/A <u>66.8</u>	① ② ③ ® N/A <u>65.3</u>	① ② ③ ® N/A <u>64.5</u>	① ② ③ ® N/A <u>63.7</u>
69548	① ② ③ ® N/A <u>66.1</u>	① ② ③ ® N/A <u>66.8</u>	① ② ③ ® N/A <u>68.6</u>	① ② ③ ® N/A <u>68.2</u>	① ② ③ ® N/A <u>67.0</u>	① ② ③ ® N/A <u>65.8</u>	① ② ③ ® N/A <u>65.3</u>



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	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 R N/A	65.8	① ② ③ R N/A	65.7	① ② ③ R N/A	67.8	① ② ③ R N/A	67.2	① ② ③ R N/A	65.8	① ② ③ R N/A	65.2	① ② ③ R N/A	63.6
68665	① ② ③ R N/A	64.1	① ② ③ R N/A	64.3	① ② ③ R N/A	65.4	① ② ③ R N/A	65.1	① ② ③ R N/A	63.4	① ② ③ R N/A	62.5	① ② ③ R N/A	62.7
69595	① ② ③ R N/A	64.3	① ② ③ R N/A	65.1	① ② ③ R N/A	65.7	① ② ③ R N/A	67.2	① ② ③ R N/A	65.7	① ② ③ R N/A	63.5	① ② ③ R N/A	62.4
69036	① ② ③ R N/A	64.5	① ② ③ R N/A	65.5	① ② ③ R N/A	66.4	① ② ③ R N/A	65.2	① ② ③ R N/A	65.3	① ② ③ R N/A	63.6	① ② ③ R N/A	63.0
69361	① ② ③ R N/A	65.0	① ② ③ R N/A	65.8	① ② ③ R N/A	65.9	① ② ③ R N/A	67.0	① ② ③ R N/A	64.9	① ② ③ R N/A	63.7	① ② ③ R N/A	63.5
69559	① ② ③ R N/A	65.4	① ② ③ R N/A	67.3	① ② ③ R N/A	67.2	① ② ③ R N/A	66.0	① ② ③ R N/A	65.4	① ② ③ R N/A	64.2	① ② ③ R N/A	63.8
69491	① ② ③ R N/A	65.6	① ② ③ R N/A	66.9	① ② ③ R N/A	67.7	① ② ③ R N/A	66.8	① ② ③ R N/A	67.3	① ② ③ R N/A	64.7	① ② ③ R N/A	66.1
87827	① ② ③ R N/A	68.5	① ② ③ R N/A	68.9	① ② ③ R N/A	68.7	① ② ③ R N/A	69.4	① ② ③ R N/A	67.7	① ② ③ R N/A	66.8	① ② ③ R N/A	65.3
87826	① ② ③ R N/A	67.1	① ② ③ R N/A	68.3	① ② ③ R N/A	69.1	① ② ③ R N/A	68.8	① ② ③ R N/A	67.4	① ② ③ R N/A	65.5	① ② ③ R N/A	64.5
87823	① ② ③ R N/A	68.2	① ② ③ R N/A	69.3	① ② ③ R N/A	69.9	① ② ③ R N/A	69.1	① ② ③ R N/A	67.9	① ② ③ R N/A	66.3	① ② ③ R N/A	65.4
87825	① ② ③ R N/A	69.1	① ② ③ R N/A	69.8	① ② ③ R N/A	70.9	① ② ③ R N/A	70.6	① ② ③ R N/A	68.1	① ② ③ R N/A	65.8	① ② ③ R N/A	66.0
End Time (6.[16])	1321		1325		1320		1345		1315		1315		1314	
Initial (6.[16])	WO: <u>LM</u>		WO: <u>LM</u>		WO: <u>LM</u>		WO: <u>LM</u>		WO: <u>MZ</u>		WO: <u>MZ</u>		WO: <u>MZ</u>	
	WO: <u>DA</u>		WO: <u>MZ</u>		WO: <u>DA</u>		WO: <u>MZ</u>		WO: <u>DA</u>		WO: <u>DA</u>		WO: <u>DA</u>	



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**ATTACHMENT 4**

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Comments:

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date	MATTHEW ZOCCO	Matthew Z	311676	07-20-17
Juan Garcia	Juan Garcia	169840	07-17-17	Tina Aguirre	Tina Aguirre	174927	07-21-17
Waste Operator (print)	Signature	Z#	Date	MATTHEW ZOCCO	Matthew Z	311676	07-21-17
Leon Montoya	Leon Montoya	191526	07-18-17	Tina Aguirre	Tina Aguirre	174927	07-22-17
Waste Operator (print)	Signature	Z#	Date	MATTHEW ZOCCO	Matthew Z	311676	07-22-17
MATTHEW ZOCCO	Matthew Z	311676	07-18-17	Tina Aguirre	Tina Aguirre	174927	07-23-17
Waste Operator (print)	Signature	Z#	Date	MATTHEW ZOCCO	Matthew Z	311676	07-23-17
Leon Montoya	Leon Montoya	191526	07-19-17	Tina Aguirre	Tina Aguirre	174927	07-23-17
Waste Operator (print)	Signature	Z#	Date	MATTHEW ZOCCO	Matthew Z	311676	07-23-17
Tina Aguirre	Tina Aguirre	174927	07-19-17	Tina Aguirre	Tina Aguirre	174927	07-23-17
Waste Operator (print)	Signature	Z#	Date	MATTHEW ZOCCO	Matthew Z	311676	07-23-17
Leon Montoya	Leon Montoya	191526	07-20-17	Tina Aguirre	Tina Aguirre	174927	07-23-17
Waste Operator (print)	Signature	Z#	Date	MATTHEW ZOCCO	Matthew Z	311676	07-23-17

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date
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**ATTACHMENT 2**

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**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: <u>07-24-17/1302</u>	Tuesday 6.[2] Date & Start Time: <u>07-25-17/1425</u>	Wednesday 6.[2] Date & Start Time: <u>07-26-17/1501</u>	Thursday 6.[2] Date & Start Time: <u>07-27-17/1314</u>	Friday 6.[2] Date & Start Time: <u>07-28-17/1300</u>	Saturday 6.[2] Date & Start Time: <u>07-29-17/1300</u>	Sunday 6.[2] Date & Start Time: <u>07-30-17/1300</u>							
<b>TA-54-0375 Cell 1</b>														
Calibrated infrared thermometer (6.[3])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>							
Ambient Temperature (6.[4])	Cell 1: <u>67.3</u> °F	Cell 1: <u>69.4</u> °F	Cell 1: <u>70.2</u> °F	Cell 1: <u>69.8</u> °F	Cell 1: <u>70.8</u> °F	Cell 1: <u>69.0</u> °F	Cell 1: <u>70.3</u> °F							
(\$ Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT							
Ambient Temperature (6.[7])	Refrig.: <u>36.1</u> °F	Refrig.: <u>34.8</u> °F	Refrig.: <u>34.6</u> °F	Refrig.: <u>34.1</u> °F	Refrig.: <u>34.3</u> °F	Refrig.: <u>35.2</u> °F	Refrig.: <u>34.7</u> °F							
(\$ Ambient Refrig. Temp.: > 32°F and ≤ 41°F; SR 4.6.2.1, SAC 5.7.24 (6.[7])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT							
Container ID #	Location/( & ) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)													
68685	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>							
68540	① ② ③ ● <u>N/A</u> <u>33.2</u>	① ② ③ ● <u>N/A</u> <u>33.7</u>	① ② ③ ● <u>N/A</u> <u>32.5</u>	① ② ③ ● <u>N/A</u> <u>33.4</u>	① ② ③ ● <u>N/A</u> <u>33.1</u>	① ② ③ ● <u>N/A</u> <u>33.4</u>	① ② ③ ● <u>N/A</u> <u>33.2</u>							
68553	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>							
69445	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>							

WORKING COPY

2A 124927

INITIAL 9A

DATE 07-24-17



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	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 R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
69013	① ② ③ ● N/A 34.6	① ② ③ ● N/A 34.5	① ② ③ ● N/A 33.3	① ② ③ ● N/A 34.0	① ② ③ ● N/A 33.7	① ② ③ ● N/A 33.5	① ② ③ ● N/A 34.1
69490	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
69076	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
69280	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
69208	① ② ③ ● N/A 35.0	① ② ③ ● N/A 35.6	① ② ③ ● N/A 33.2	① ② ③ ● N/A 35.1	① ② ③ ● N/A 34.7	① ② ③ ● N/A 33.9	① ② ③ ● N/A 34.5
69079	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
69636	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
69616	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
69417	N/A	N/A	N/A	N/A	N/A	N/A	N/A
69620	① ② ③ R N/A 67.0	① ② ③ R N/A 71.8	① ② ③ R N/A 72.1	① ② ③ R N/A 71.6	① ② ③ R N/A 71.2	① ② ③ R N/A 69.9	① ② ③ R N/A 70.6
69520	① ② ③ R N/A 65.7	① ② ③ R N/A 70.5	① ② ③ R N/A 71.0	① ② ③ R N/A 70.6	① ② ③ R N/A 70.1	① ② ③ R N/A 69.8	① ② ③ R N/A 68.5
69641	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
69298	① ② ③ ● N/A 35.3	① ② ③ ● N/A 36.8	① ② ③ ● N/A 33.9	① ② ③ ● N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
92669	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
End Time (6.[16])	1308	1434	1508	1321	1307	1306	1307
Initial (6.[16])	WO: FA	WO: FA	WO: um	WO: FA	WO: km	WO: km	WO: km
	WO: OA	WO: ME	WO: PL	WO: OA	WO: OA	WO: JM	WO: JM



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**ATTACHMENT 2**

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Comments:

6.[19] Performed by:

Fabian Anaya	/	Fabian Anaya	/	174963	/	07-24-17
Waste Operator (print)		Signature		Z#		Date
Tina Aguirre	/	Tina Aguirre	/	174927	/	07-24-17
Waste Operator (print)		Signature		Z#		Date
MATTHEW ZOCCO	/	Matthew Zocco	/	311676	/	07-25-17
Waste Operator (print)		Signature		Z#		Date
Fabian Anaya	/	Fabian Anaya	/	174963	/	07-25-17
Waste Operator (print)		Signature		Z#		Date
Leon Montoya	/	Leon Montoya	/	191526	/	07-26-17
Waste Operator (print)		Signature		Z#		Date
Tina Aguirre	/	Tina Aguirre	/	174927	/	07-26-17
Waste Operator (print)		Signature		Z#		Date
Fabian Anaya	/	Fabian Anaya	/	174963	/	07-27-17
Waste Operator (print)		Signature		Z#		Date

Tina Aguirre	/	Tina Aguirre	/	174927	/	07-27-17
Waste Operator (print)		Signature		Z#		Date
Leon Montoya	/	Leon Montoya	/	191526	/	07-28-17
Waste Operator (print)		Signature		Z#		Date
Tina Aguirre	/	Tina Aguirre	/	174927	/	07-28-17
Waste Operator (print)		Signature		Z#		Date
Leon Montoya	/	Leon Montoya	/	191526	/	07-29-17
Waste Operator (print)		Signature		Z#		Date
James Martinez	/	James Martinez	/	236943	/	07-29-17
Waste Operator (print)		Signature		Z#		Date
Leon Montoya	/	Leon Montoya	/	191526	/	07-30-17
Waste Operator (print)		Signature		Z#		Date
James Martinez	/	James Martinez	/	236943	/	07-30-17
Waste Operator (print)		Signature		Z#		Date

10.1[2] Reviewed by:

/	/	/
SOM (print)	Signature	Date



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

**NOTE** ① = Cell 1; ② = Cell 2; ③ = Cell 3; ④ = refrigerator; N/A – removed from Perma-Con and refrigerator

[illegible]



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	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 ③ R N/A	59.4	① ③ R N/A	62.0	① ③ R N/A	71.9	① ③ R N/A	70.6	① ③ R N/A	71.1	① ③ R N/A	70.9	① ③ R N/A	70.3
94227	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A
68648	① ② ③ ● N/A	37.1	① ② ③ ● N/A	39.4	① ② ③ ● N/A	36.9	① ② ③ ● N/A	37.8	① ② ③ ● N/A	37.1	① ② ③ ● N/A	36.7	① ② ③ ● N/A	37.4
69644	① ③ R N/A	62.3	① ③ R N/A	66.4	① ③ R N/A	71.3	① ③ R N/A	70.3	① ③ ● N/A	36.6	① ③ ● N/A	35.9	① ③ ● N/A	36.6
69183	① ③ R N/A	62.4	① ③ R N/A	65.7	① ③ R N/A	71.0	① ③ R N/A	70.4	① ③ R N/A	70.5	① ③ R N/A	70.1	① ③ R N/A	69.5
69638	① ③ R N/A	62.4	① ③ R N/A	65.7	① ③ R N/A	71.3	① ③ R N/A	70.2	① ③ R N/A	70.2	① ③ R N/A	70.0	① ③ R N/A	69.4
68624	① ③ R N/A	61.7	① ③ R N/A	64.8	① ③ R N/A	71.4	① ③ R N/A	70.7	① ③ R N/A	70.3	① ③ R N/A	69.9	① ③ R N/A	69.8
68507	① ③ R N/A	61.8	① ③ R N/A	65.2	① ③ R N/A	70.7	① ③ R N/A	70.7	① ③ R N/A	70.6	① ③ R N/A	69.9	① ③ R N/A	69.6
69568	① ② ③ ● N/A	37.6	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
69553	① ③ R N/A	60.0	① ③ R N/A	62.9	① ③ R N/A	72.4	① ③ R N/A	70.6	① ③ R N/A	70.9	① ③ R N/A	70.0	① ③ R N/A	69.7
69598	① ③ R N/A	59.8	① ③ R N/A	61.4	① ③ R N/A	71.7	① ③ R N/A	70.8	① ③ R N/A	71.0	① ③ R N/A	71.5	① ③ R N/A	69.8
92472	① ② ③ ● N/A	38.4	① ② ③ ● N/A	39.2	① ② ③ ● N/A	36.4	① ② ③ ● N/A	37.1	① ② ③ ● N/A	37.0	① ② ③ ● N/A	36.9	① ② ③ ● N/A	36.8
92459	① ② ③ ● N/A	37.9	① ② ③ ● N/A	39.1	① ② ③ ● N/A	36.4	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
69015	① ③ R N/A	60.5	① ③ R N/A	63.5	① ③ R N/A	71.0	① ③ R N/A	69.7	① ③ R N/A	70.1	① ③ R N/A	69.3	① ③ R N/A	69.4
69639	① ③ R N/A	62.3	① ③ R N/A	65.3	① ③ R N/A	70.6	① ③ R N/A	69.6	① ③ R N/A	70.3	① ③ R N/A	70.2	① ③ R N/A	69.3
69637	① ③ R N/A	62.1	① ③ R N/A	65.1	① ③ R N/A	71.2	① ③ R N/A	70.1	① ③ R N/A	70.6	① ③ R N/A	70.1	① ③ R N/A	69.3
End Time (6.[16])	1315		1440		1516		1328		1317		1316		1317	
Initial (6.[16])	WO: FA WO: OA		WO: FA WO: ME		WO: LM WO: OA		WO: FA WO: OA		WO: LM WO: OA		WO: LM WO: JM		WO: LM WO: JM	



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Comments:

6.[19] Performed by:

<u>Fabian Anaya</u>	<u>Fabian Anaya</u>	<u>174963</u>	<u>07-24-17</u>
Waste Operator (print)	Signature	Z#	Date
<u>Lina Aguirre</u>	<u>Lina Aguirre</u>	<u>124977</u>	<u>07-24-17</u>
Waste Operator (print)	Signature	Z#	Date
<u>MATTHEW ZOCCH</u>	<u>Matthew Zocch</u>	<u>311676</u>	<u>07-25-17</u>
Waste Operator (print)	Signature	Z#	Date
<u>Fabian Anaya</u>	<u>Fabian Anaya</u>	<u>174963</u>	<u>07-25-17</u>
Waste Operator (print)	Signature	Z#	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>191526</u>	<u>07-26-17</u>
Waste Operator (print)	Signature	Z#	Date
<u>Lina Aguirre</u>	<u>Lina Aguirre</u>	<u>124977</u>	<u>07-26-17</u>
Waste Operator (print)	Signature	Z#	Date
<u>Fabian Anaya</u>	<u>Fabian Anaya</u>	<u>174963</u>	<u>07-27-17</u>
Waste Operator (print)	Signature	Z#	Date

<u>Lina Aguirre</u>	<u>Lina Aguirre</u>	<u>124977</u>	<u>07-27-17</u>
Waste Operator (print)	Signature	Z#	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>191526</u>	<u>07-28-17</u>
Waste Operator (print)	Signature	Z#	Date
<u>Lina Aguirre</u>	<u>Lina Aguirre</u>	<u>124977</u>	<u>07-28-17</u>
Waste Operator (print)	Signature	Z#	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>191526</u>	<u>07-29-17</u>
Waste Operator (print)	Signature	Z#	Date
<u>James Martinez</u>	<u>James Martinez</u>	<u>236943</u>	<u>07-29-17</u>
Waste Operator (print)	Signature	Z#	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>191526</u>	<u>07-30-17</u>
Waste Operator (print)	Signature	Z#	Date
<u>James Martinez</u>	<u>James Martinez</u>	<u>236943</u>	<u>07-30-17</u>
Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

/	/	/
SOM (print)	Signature	Z#
		Date

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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: <u>07-24-17/1316</u>	Tuesday 6.[2] Date & Start Time: <u>07-25-17/1441</u>	Wednesday 6.[2] Date & Start Time: <u>07-26-17/1517</u>	Thursday 6.[2] Date & Start Time: <u>07-28-17/1329</u>	Friday 6.[2] Date & Start Time: <u>07-28-17/1318</u>	Saturday 6.[2] Date & Start Time: <u>07-29-17/1317</u>	Sunday 6.[2] Date & Start Time: <u>07-30-17/1318</u>
TA-54-0375 Cell 3							
Calibrated infrared thermometer (6.[3])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>
Ambient Temperature (6.[4])	Cell 3: <u>65.3</u> °F	Cell 3: <u>67.4</u> °F	Cell 3: <u>69.4</u> °F	Cell 3: <u>67.3</u> °F	Cell 3: <u>67.2</u> °F	Cell 3: <u>69.5</u> °F	Cell 3: <u>67.2</u> °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Container ID #	Location/( & ) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
69519	① ② ③ ® N/A <u>64.9</u>	① ② ③ ® N/A <u>64.7</u>	① ② ③ ® N/A <u>67.7</u>	① ② ③ ® N/A <u>65.0</u>	① ② ③ ® N/A <u>65.0</u>	① ② ③ ® N/A <u>66.2</u>	① ② ③ ® N/A <u>65.2</u>
69645	① ② ③ ® N/A <u>61.0</u>	① ② ③ ® N/A <u>64.3</u>	① ② ③ ® N/A <u>66.8</u>	① ② ③ ® N/A <u>64.3</u>	① ② ③ ® N/A <u>64.9</u>	① ② ③ ® N/A <u>65.6</u>	① ② ③ ® N/A <u>64.3</u>
94068	① ② ③ ® N/A <u>64.9</u>	① ② ③ ® N/A <u>67.8</u>	① ② ③ ® N/A <u>68.6</u>	① ② ③ ® N/A <u>67.9</u>	① ② ③ ® N/A <u>66.9</u>	① ② ③ ® N/A <u>68.2</u>	① ② ③ ® N/A <u>66.5</u>
93605	① ② ③ ® N/A <u>64.8</u>	① ② ③ ® N/A <u>68.3</u>	① ② ③ ® N/A <u>68.6</u>	① ② ③ ® N/A <u>68.2</u>	① ② ③ ® N/A <u>67.6</u>	① ② ③ ® N/A <u>68.2</u>	① ② ③ ® N/A <u>66.8</u>
69548	① ② ③ ® N/A <u>65.2</u>	① ② ③ ® N/A <u>68.2</u>	① ② ③ ® N/A <u>70.6</u>	① ② ③ ® N/A <u>68.0</u>	① ② ③ ® N/A <u>67.8</u>	① ② ③ ® N/A <u>68.5</u>	① ② ③ ® N/A <u>67.5</u>



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	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 R N/A 64.6	① ② ③ R N/A 66.3	① ② ③ R N/A 68.9	① ② ③ R N/A 66.5	① ② ③ R N/A 67.1	① ② ③ R N/A 67.3	① ② ③ R N/A 66.5							
68665	① ② ③ R N/A 62.5	① ② ③ R N/A 66.4	① ② ③ R N/A 67.9	① ② ③ R N/A 65.6	① ② ③ R N/A 65.6	① ② ③ R N/A 66.4	① ② ③ R N/A 64.6							
69595	① ② ③ R N/A 63.6	① ② ③ R N/A 64.6	① ② ③ R N/A 67.7	① ② ③ R N/A 65.1	① ② ③ R N/A 65.3	① ② ③ R N/A 65.8	① ② ③ R N/A 66.3							
69036	① ② ③ R N/A 64.1	① ② ③ R N/A 64.7	① ② ③ R N/A 67.0	① ② ③ R N/A 65.6	① ② ③ R N/A 65.6	① ② ③ R N/A 66.0	① ② ③ R N/A 64.8							
69361	① ② ③ R N/A 63.5	① ② ③ R N/A 66.5	① ② ③ R N/A 68.4	① ② ③ R N/A 66.5	① ② ③ R N/A 68.8	① ② ③ R N/A 67.6	① ② ③ R N/A 66.1							
69559	① ② ③ R N/A 66.0	① ② ③ R N/A 67.7	① ② ③ R N/A 68.8	① ② ③ R N/A 67.9	① ② ③ R N/A 66.8	① ② ③ R N/A 67.0	① ② ③ R N/A 66.2							
69491	① ② ③ R N/A 65.1	① ② ③ R N/A 67.8	① ② ③ R N/A 68.8	① ② ③ R N/A 67.8	① ② ③ R N/A 67.2	① ② ③ R N/A 68.0	① ② ③ R N/A 66.5							
87827	① ② ③ R N/A 67.3	① ② ③ R N/A 69.4	① ② ③ R N/A 70.5	① ② ③ R N/A 69.8	① ② ③ R N/A 68.6	① ② ③ R N/A 70.0	① ② ③ R N/A 67.6							
87826	① ② ③ R N/A 67.0	① ② ③ R N/A 68.9	① ② ③ R N/A 70.4	① ② ③ R N/A 69.9	① ② ③ R N/A 68.4	① ② ③ R N/A 69.5	① ② ③ R N/A 68.2							
87823	① ② ③ R N/A 67.7	① ② ③ R N/A 69.7	① ② ③ R N/A 70.4	① ② ③ R N/A 70.7	① ② ③ R N/A 69.5	① ② ③ R N/A 69.6	① ② ③ R N/A 68.5							
87825	① ② ③ R N/A 68.0	① ② ③ R N/A 69.8	① ② ③ R N/A 71.8	① ② ③ R N/A 70.6	① ② ③ R N/A 70.1	① ② ③ R N/A 71.5	① ② ③ R N/A 72.3							
End Time (6.[16])	1328	1446	1521	1335	1323	1322	1324							
Initial (6.[16])	WO: FA WO: OA	WO: FA WO: ME	WO: LM WO: OA	WO: FA WO: OA	WO: LM WO: OA	WO: LM WO: JM	WO: LM WO: JM							



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Comments:

6.[19] Performed by:

<u>Fabian Anaya</u>	<u>Fabian Anaya</u>	<u>174963</u>	<u>07-24-17</u>	<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>174927</u>	<u>07-22-17</u>
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>174927</u>	<u>07-24-17</u>	<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>191526</u>	<u>07-29-17</u>
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
<u>MATTHEW FOCIO</u>	<u>Matthew Focio</u>	<u>1311676</u>	<u>07-25-17</u>	<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>174927</u>	<u>07-28-17</u>
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
<u>Fabian Anaya</u>	<u>Fabian Anaya</u>	<u>174963</u>	<u>07-25-17</u>	<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>191526</u>	<u>07-29-17</u>
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>191526</u>	<u>07-26-17</u>	<u>James Martinez</u>	<u>James Martinez</u>	<u>236943</u>	<u>07-29-17</u>
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>174927</u>	<u>07-26-17</u>	<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>191526</u>	<u>07-30-17</u>
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
<u>Fabian Anaya</u>	<u>Fabian Anaya</u>	<u>174963</u>	<u>07-27-17</u>	<u>James Martinez</u>	<u>James Martinez</u>	<u>236943</u>	<u>07-30-17</u>
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

<u>/</u>	<u>/</u>	<u>/</u>
SOM (print)	Signature	Z#
		Date



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**ATTACHMENT 2**

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**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: 07-31-17/1300	Tuesday 6.[2] Date & Start Time: 08-01-17/1300	Wednesday 6.[2] Date & Start Time: 08-02-17/1300	Thursday 6.[2] Date & Start Time: 08-03-17/1300	Friday 6.[2] Date & Start Time: 08-04-17/1300	Saturday 6.[2] Date & Start Time: 08-05-17/1300	Sunday 6.[2] Date & Start Time: 08-06-17/1300
<b>TA-54-0375 Cell 1</b>							
Calibrated infrared thermometer (6.[3])	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>
Ambient Temperature (6.[4])	Cell 1: <u>65.6</u> °F	Cell 1: <u>66.8</u> °F	Cell 1: <u>66.7</u> °F	Cell 1: <u>67.2</u> °F	Cell 1: <u>68.3</u> °F	Cell 1: <u>68.8</u> °F	Cell 1: <u>66.2</u> °F
(\$ Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Ambient Temperature (6.[7])	Refrig.: <u>34.4</u> °F	Refrig.: <u>37.1</u> °F	Refrig.: <u>35.2</u> °F	Refrig.: <u>35.2</u> °F	Refrig.: <u>36.0</u> °F	Refrig.: <u>37.0</u> °F	Refrig.: <u>33.8</u> °F
(\$ Ambient Refrig Temp.: > 32°F and ≤ 41°F; SR 4.6.2.1, SAC 5.7.24 (6.[7])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Container ID #	Location/(& Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
68685	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>
68540	① ② ③ ✓ <u>N/A</u> <u>34.4</u>	① ② ③ ● <u>N/A</u> <u>33.9</u>	① ② ③ ✓ <u>N/A</u> <u>33.3</u>	① ② ③ ● <u>N/A</u> <u>33.6</u>	① ② ③ ● <u>N/A</u> <u>41.0</u>	① ② ③ ● <u>N/A</u> <u>38.3</u>	① ② ③ ● <u>N/A</u> <u>38.8</u>
68553	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>
69445	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>

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Z# 311676

INITIAL MZ

DATE 07-31-17



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	Monday 6.[2]	Tuesday 6.[2]	Wednesday 6.[2]	Thursday 6.[2]	Friday 6.[2]	Saturday 6.[2]	Sunday 6.[2]
TA-40-0375 Cell 1 (continued)							
69618	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
69013	① ② ③ ✓ N/A 35.1	① ② ③ ● N/A 35.1	① ② ③ ✓ N/A 34.0	① ② ③ ● N/A 34.3	① ② ③ ● N/A 41.8	① ② ③ ● N/A 39.1	① ② ③ ● N/A 38.8
69490	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
69076	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
69280	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
69208	① ② ③ ✓ N/A 36.2	① ② ③ ● N/A 36.0	① ② ③ ✓ N/A 34.2	① ② ③ ● N/A 35.4	① ② ③ ● N/A 41.0	① ② ③ ● N/A 40.1	① ② ③ ● N/A 40.4
69079	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
69636	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
69616	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R 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 68.6	① ② ③ ● N/A 36.8	① ② ③ ✓ N/A 34.9	① ② ③ ● N/A 36.1	① ② ③ ● N/A 38.7	① ② ③ ● N/A 36.7	① ② ③ ✓ N/A 36.6
69520	① ② ③ ✓ N/A 67.9	① ② ③ ✓ N/A 67.0	① ② ③ ✓ N/A 68.9	① ② ③ ✓ N/A 67.1	① ② ③ ✓ N/A 67.6	① ② ③ ✓ N/A 66.8	① ② ③ ✓ N/A 66.6
69641	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
69298	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
92669	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A	① ② ③ R N/A N/A
End Time (6.[16])	1304	1310	1304	1307	1310	1308	1307
Initial (6.[16])	WO: ME WO: DA	WO: JM WO: DA	WO: ME WO: DA	WO: ME WO: DA	WO: ME WO: DA	WO: ME WO: DA	WO: ME WO: DA



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**ATTACHMENT 2**

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Comments:

6.[19] Performed by:

MATTHEW ZOLLO / Matthew Zollo / 311676 / 07-31-17

Waste Operator (print) Signature Z# Date

Lina Aguirre / Lina Aguirre / 124927 / 07-31-17

Waste Operator (print) Signature Z# Date

James Martin / James Martin / 236943 / 08-1-17

Waste Operator (print) Signature Z# Date

Lina Aguirre / Lina Aguirre / 124927 / 08-01-17

Waste Operator (print) Signature Z# Date

MATTHEW ZOLLO / Matthew Zollo / 311676 / 08-02-17

Waste Operator (print) Signature Z# Date

Lina Aguirre / Lina Aguirre / 124927 / 08-02-17

Waste Operator (print) Signature Z# Date

MATTHEW ZOLLO / Matthew Zollo / 311676 / 08-03-17

Waste Operator (print) Signature Z# Date

Lina Aguirre / Lina Aguirre / 124927 / 08-03-17

Waste Operator (print) Signature Z# Date

Robert Huse / Robert Huse / 291778 / 08-04-17

Waste Operator (print) Signature Z# Date

Lina Aguirre / Lina Aguirre / 124927 / 08-04-17

Waste Operator (print) Signature Z# Date

Robert Huse / Robert Huse / 291778 / 08-05-17

Waste Operator (print) Signature Z# Date

Robert Huse / Robert Huse / 291778 / 08-05-17

Waste Operator (print) Signature Z# Date

Lina Aguirre / Lina Aguirre / 124927 / 08-05-17

Waste Operator (print) Signature Z# Date

Robert Huse / Robert Huse / 291778 / 08-06-17

Waste Operator (print) Signature Z# Date

Lina Aguirre / Lina Aguirre / 124927 / 08-06-17

10.1[2] Reviewed by:

SOM (print) / Signature / Z# / Date



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Container Monitoring

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ATTACHMENT 3

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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: 07-31-17/1305	Tuesday 6.[2] Date & Start Time: 08-01-17/1311	Wednesday 6.[2] Date & Start Time: 08-02-17/1305	Thursday 6.[2] Date & Start Time: 08-03-17/1308	Friday 6.[2] Date & Start Time: 08-04-17/1311	Saturday 6.[2] Date & Start Time: 08-05-17/1312	Sunday 6.[2] Date & Start Time: 08-06-17/1307
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: 68.3 °F	Cell 2: 67.1 °F	Cell 2: 68.7 °F	Cell 2: 67.9 °F	Cell 2: 69.6 °F	Cell 2: 71.8 °F	Cell 2: 69.4 °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> 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 68.1	① ② ③ ® N/A 67.6	① ② ③ ® N/A 69.0	① ② ③ ® N/A 66.3	① ② ③ ® N/A 67.2	① ② ③ ® N/A 67.4	① ② ③ ® N/A 67.8
69633	① ② ③ ✓ N/A 37.4	① ② ③ ● N/A 37.9	① ② ③ ✓ N/A 35.7	① ② ③ ● N/A 38.8	① ② ③ ● N/A 42.6	① ② ③ ● N/A 40.9	① ② ③ ● N/A 41.1
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 38.4	① ② ③ ● N/A 37.9	① ② ③ ✓ N/A 36.0	① ② ③ ● N/A 38.5	① ② ③ ● N/A 40.9	① ② ③ ● N/A 37.4	① ② ③ ● N/A 37.4



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		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 R N/A	68.0	① ② ③ ● N/A	39.9	① ② ③ ✓ N/A	37.0	① ② ③ ● N/A	39.1	① ② ③ ● N/A	38.9	① ② ③ ● N/A	36.4	① ② ③ ● N/A	38.2
94227	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A
68648	① ② ③ ✓ N/A	38.8	① ② ③ ● N/A	38.6	① ② ③ ✓ N/A	37.9	① ② ③ ● N/A	38.5	① ② ③ ● N/A	41.9	① ② ③ ● N/A	39.9	① ② ③ ● N/A	41.5
69644	① ② ③ ✓ N/A	38.6	① ② ③ ● N/A	37.9	① ② ③ ✓ N/A	37.2	① ② ③ ● N/A	38.3	① ② ③ ● N/A	39.3	① ② ③ ● N/A	37.9	① ② ③ ● N/A	38.1
69183	① ② ③ R N/A	67.9	① ② ③ R N/A	67.1	① ② ③ R N/A	67.6	① ② ③ R N/A	66.1	① ② ③ R N/A	66.0	① ② ③ R N/A	67.0	① ② ③ R N/A	66.4
69638	① ② ③ R N/A	67.1	① ② ③ R N/A	66.3	① ② ③ R N/A	68.8	① ② ③ R N/A	65.4	① ② ③ R N/A	65.9	① ② ③ R N/A	66.5	① ② ③ R N/A	66.5
68624	① ② ③ R N/A	67.0	① ② ③ R N/A	67.0	① ② ③ R N/A	68.9	① ② ③ R N/A	66.3	① ② ③ R N/A	66.9	① ② ③ R N/A	67.2	① ② ③ R N/A	66.8
68507	① ② ③ R N/A	67.5	① ② ③ R N/A	67.5	① ② ③ R N/A	68.7	① ② ③ R N/A	66.1	① ② ③ R N/A	65.4	① ② ③ R N/A	65.9	① ② ③ R N/A	65.7
69568	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A
69553	① ② ③ R N/A	67.8	① ② ③ R N/A	67.7	① ② ③ R N/A	69.7	① ② ③ R N/A	66.8	① ② ③ R N/A	67.2	① ② ③ R N/A	67.6	① ② ③ R N/A	65.9
69598	① ② ③ R N/A	67.4	① ② ③ R N/A	67.4	① ② ③ R N/A	69.0	① ② ③ R N/A	66.2	① ② ③ R N/A	66.8	① ② ③ R N/A	67.1	① ② ③ R N/A	66.3
92472	① ② ③ ✓ N/A	37.6	① ② ③ ● N/A	38.8	① ② ③ ✓ N/A	36.5	① ② ③ ● N/A	38.5	① ② ③ ● N/A	38.1	① ② ③ ● N/A	36.1	① ② ③ ● N/A	33.9
92459	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A
69015	① ② ③ R N/A	67.0	① ② ③ R N/A	65.9	① ② ③ R N/A	66.9	① ② ③ R N/A	65.8	① ② ③ R N/A	65.9	① ② ③ R N/A	66.7	① ② ③ R N/A	65.9
69639	① ② ③ R N/A	66.8	① ② ③ R N/A	67.2	① ② ③ R N/A	66.7	① ② ③ R N/A	65.3	① ② ③ R N/A	66.7	① ② ③ R N/A	67.0	① ② ③ R N/A	66.5
69637	① ② ③ R N/A	66.8	① ② ③ R N/A	66.7	① ② ③ R N/A	68.9	① ② ③ R N/A	65.6	① ② ③ R N/A	65.0	① ② ③ R N/A	66.3	① ② ③ R N/A	66.6
End Time (6.[16])	1310		1322		1309		1314		1315		1313		1314	
Initial (6.[16])	WO: ME WO: SA		WO: JM WO: SA		WO: ME WO: SA		WO: ME WO: SA		WO: ME WO: SA		WO: ME WO: SA		WO: ME WO: SA	



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Comments:

6.[19] Performed by:

MATTHEW ZOCCO	<i>[Signature]</i>	1311676	107-31-17	<i>[Signature]</i>	124977	08-03-17
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#
Tina Aguirre	<i>[Signature]</i>	174977	107-31-17	Robert Haseel	<i>[Signature]</i>	291778
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#
James Martinez	<i>[Signature]</i>	236943	108-1-17	Tina Aguirre	<i>[Signature]</i>	174977
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#
Tina Aguirre	<i>[Signature]</i>	174977	08-01-17	Robert Haseel	<i>[Signature]</i>	291778
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#
MATTHEW ZOCCO	<i>[Signature]</i>	1311676	108-02-17	Tina Aguirre	<i>[Signature]</i>	174977
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#
Tina Aguirre	<i>[Signature]</i>	174977	08-02-17	Robert Haseel	<i>[Signature]</i>	291778
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#
MATTHEW ZOCCO	<i>[Signature]</i>	1311676	108-03-17	Tina Aguirre	<i>[Signature]</i>	174977
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#
				Tina Aguirre	<i>[Signature]</i>	174977
				Waste Operator (print)	Signature	Z#

10.1[2] Reviewed by:

/	/	/
SOM (print)	Signature	Z#
		Date

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**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: <u>07-31-17 / 1311</u>	Tuesday 6.[2] Date & Start Time: <u>08-01-17 / 1323</u>	Wednesday 6.[2] Date & Start Time: <u>08-02-17 / 1310</u>	Thursday 6.[2] Date & Start Time: <u>08-03-17 / 1315</u>	Friday 6.[2] Date & Start Time: <u>08-04-17 / 1316</u>	Saturday 6.[2] Date & Start Time: <u>08-05-17</u>	Sunday 6.[2] Date & Start Time: <u>08-06-17 / 1315</u>
<b>TA-54-0375 Cell 3</b>							
Calibrated infrared thermometer (6.[3])	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>
Ambient Temperature (6.[4])	Cell 3: <u>63.6</u> °F	Cell 3: <u>63.2</u> °F	Cell 3: <u>65.0</u> °F	Cell 3: <u>62.5</u> °F	Cell 3: <u>63.5</u> °F	Cell 3: <u>62.8</u> °F	Cell 3: <u>61.8</u> °F
(\$ ) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
69519	① ② ③ ® N/A <u>62.9</u>	① ② ③ ® N/A <u>62.1</u>	① ② ③ ® N/A <u>63.6</u>	① ② ③ ® N/A <u>61.5</u>	① ② ③ ® N/A <u>61.7</u>	① ② ③ ® N/A <u>61.8</u>	① ② ③ ® N/A <u>60.0</u>
69645	① ② ③ ® N/A <u>61.4</u>	① ② ③ ® N/A <u>60.8</u>	① ② ③ ® N/A <u>61.7</u>	① ② ③ ® N/A <u>58.7</u>	① ② ③ ® N/A <u>60.1</u>	① ② ③ ® N/A <u>59.5</u>	① ② ③ ® N/A <u>58.1</u>
94068	① ② ③ ® N/A <u>64.0</u>	① ② ③ ® N/A <u>64.0</u>	① ② ③ ® N/A <u>64.8</u>	① ② ③ ® N/A <u>61.7</u>	① ② ③ ® N/A <u>61.6</u>	① ② ③ ® N/A <u>61.9</u>	① ② ③ ® N/A <u>61.2</u>
93605	① ② ③ ® N/A <u>64.1</u>	① ② ③ ® N/A <u>64.2</u>	① ② ③ ® N/A <u>64.5</u>	① ② ③ ® N/A <u>62.3</u>	① ② ③ ® N/A <u>63.2</u>	① ② ③ ® N/A <u>62.6</u>	① ② ③ ® N/A <u>61.8</u>
69548	① ② ③ ® N/A <u>64.7</u>	① ② ③ ® N/A <u>64.3</u>	① ② ③ ® N/A <u>65.6</u>	① ② ③ ® N/A <u>62.8</u>	① ② ③ ® N/A <u>63.0</u>	① ② ③ ® N/A <u>63.0</u>	① ② ③ ® N/A <u>61.6</u>



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	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 R N/A 63.6	① ② ③ R N/A 63.7	① ② ③ R N/A 66.3	① ② ③ R N/A 62.1	① ② ③ R N/A 61.6	① ② ③ R N/A 61.2	① ② ③ R N/A 60.8							
68665	① ② ③ R N/A 62.9	① ② ③ R N/A 61.7	① ② ③ R N/A 63.3	① ② ③ R N/A 59.5	① ② ③ R N/A 61.2	① ② ③ R N/A 60.8	① ② ③ R N/A 52.3							
69595	① ② ③ R N/A 62.2	① ② ③ R N/A 62.7	① ② ③ R N/A 63.0	① ② ③ R N/A 61.4	① ② ③ R N/A 61.3	① ② ③ R N/A 60.8	① ② ③ R N/A 60.0							
69036	① ② ③ R N/A 61.9	① ② ③ R N/A 62.8	① ② ③ R N/A 64.3	① ② ③ R N/A 60.5	① ② ③ R N/A 61.2	① ② ③ R N/A 60.7	① ② ③ R N/A 59.2							
69361	① ② ③ R N/A 63.1	① ② ③ R N/A 63.7	① ② ③ R N/A 64.6	① ② ③ R N/A 61.9	① ② ③ R N/A 62.0	① ② ③ R N/A 61.3	① ② ③ R N/A 60.0							
69559	① ② ③ R N/A 64.0	① ② ③ R N/A 64.5	① ② ③ R N/A 64.8	① ② ③ R N/A 62.1	① ② ③ R N/A 63.0	① ② ③ R N/A 62.4	① ② ③ R N/A 60.7							
69491	① ② ③ R N/A 64.4	① ② ③ R N/A 64.6	① ② ③ R N/A 64.9	① ② ③ R N/A 62.2	① ② ③ R N/A 62.7	① ② ③ R N/A 62.0	① ② ③ R N/A 60.9							
87827	① ② ③ R N/A 65.8	① ② ③ R N/A 66.9	① ② ③ R N/A 67.5	① ② ③ R N/A 65.1	① ② ③ R N/A 64.5	① ② ③ R N/A 63.5	① ② ③ R N/A 63.5							
87826	① ② ③ R N/A 64.5	① ② ③ R N/A 66.0	① ② ③ R N/A 67.1	① ② ③ R N/A 64.1	① ② ③ R N/A 64.5	① ② ③ R N/A 64.3	① ② ③ R N/A 62.0							
87823	① ② ③ R N/A 64.9	① ② ③ R N/A 66.5	① ② ③ R N/A 67.5	① ② ③ R N/A 64.0	① ② ③ R N/A 65.3	① ② ③ R N/A 64.2	① ② ③ R N/A 62.9							
87825	① ② ③ R N/A 64.9	① ② ③ R N/A 67.4	① ② ③ R N/A 68.8	① ② ③ R N/A 64.4	① ② ③ R N/A 65.2	① ② ③ R N/A 64.6	① ② ③ R N/A 63.1							
End Time (6.[16])	1314	1333	1314	1320	1300	1318	1319							
Initial (6.[16])	WO: ME WO: DA	WO: DM WO: DA	WO: ME WO: DA	WO: ME WO: DA	WO: ME WO: DA	WO: ME WO: DA	WO: ME WO: DA							



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Comments:

6.[19] Performed by:

MATTHEW ZOCCH	/ Matthew Z	1311676	107.31.17
Waste Operator (print)	Signature	Z#	Date
Lina Aguirre	/ Lina Aguirre	124927	107.31.17
Waste Operator (print)	Signature	Z#	Date
James Martin	/ J. Martin	1236943	108.1.17
Waste Operator (print)	Signature	Z#	Date
Lina Aguirre	/ Lina Aguirre	124927	108.01.17
Waste Operator (print)	Signature	Z#	Date
MATTHEW ZOCCH	/ Matthew Z	1311676	108.02.17
Waste Operator (print)	Signature	Z#	Date
Lina Aguirre	/ Lina Aguirre	124927	108.02.17
Waste Operator (print)	Signature	Z#	Date
MATTHEW ZOCCH	/ Matthew Z	1311676	108.03.17
Waste Operator (print)	Signature	Z#	Date

Lina Aguirre	/ Lina Aguirre	124927	108.03.17
Waste Operator (print)	Signature	Z#	Date
Robert Hauer	/ Robert Hauer	1291778	108.04.17
Waste Operator (print)	Signature	Z#	Date
Lina Aguirre	/ Lina Aguirre	124927	108.04.17
Waste Operator (print)	Signature	Z#	Date
Robert Hauer	/ Robert Hauer	1291778	108.05.17
Waste Operator (print)	Signature	Z#	Date
Lina Aguirre	/ Lina Aguirre	124927	108.05.17
Waste Operator (print)	Signature	Z#	Date
Robert Hauer	/ Robert Hauer	1291778	108.06.17
Waste Operator (print)	Signature	Z#	Date
Lina Aguirre	/ Lina Aguirre	124927	108.06.17
Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

/	/	/
SOM (print)	Signature	Z#
		Date



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**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; ④ = refrigerator; N/A – removed from Perma-Con and refrigerator

	Monday 6.[2] Date & Start Time: 08-07-17/1343	Tuesday 6.[2] Date & Start Time: 08-08-17/1301	Wednesday 6.[2] Date & Start Time: 08-09-17/1300	Thursday 6.[2] Date & Start Time: 08-10-17/1301	Friday 6.[2] Date & Start Time: 08-11-17/1300	Saturday 6.[2] Date & Start Time: 08-12-17/1301	Sunday 6.[2] Date & Start Time: 08-13-17/1301
<b>TA-54-0375 Cell 1</b>							
Calibrated infrared thermometer (6.[3])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>
Ambient Temperature (6.[4])	Cell 1: <u>63.5</u> °F	Cell 1: <u>69.9</u> °F	Cell 1: <u>67.2</u> °F	Cell 1: <u>67.3</u> °F	Cell 1: <u>65.9</u> °F	Cell 1: <u>68.7</u> °F	Cell 1: <u>70.4</u> °F
(\$) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Ambient Temperature (6.[7])	Refrig.: <u>34.7</u> °F	Refrig.: <u>35.6</u> °F	Refrig.: <u>35.1</u> °F	Refrig.: <u>38.0</u> °F	Refrig.: <u>39.7</u> °F	Refrig.: <u>37.7</u> °F	Refrig.: <u>37.9</u> °F
(\$) Ambient Refrig. Temp.: > 32°F and ≤ 41°F; SR 4.6.2.1, SAC 5.7.24 (6.[7])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
68685	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>
68540	① ② ③ ④ <u>N/A</u> <u>34.1</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>
68553	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>
69445	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>	① ② ③ ④ <u>N/A</u> <u>N/A</u>

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	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	33.9	① ② ③ ● N/A	34.0	① ② ③ ● N/A	34.2	① ② ③ ● N/A	35.3	① ② ③ ● N/A	34.8	① ② ③ ● N/A	32.9	① ② ③ ● N/A	36.0
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	34.0	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
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	34.0	① ② ③ ● N/A	34.2	① ② ③ ● N/A	34.4	① ② ③ ● N/A	35.8	① ② ③ ● N/A	34.4	① ② ③ ● N/A	33.9	① ② ③ ● N/A	36.9
69520	① ② ③ ● N/A	66.0	① ② ③ ● N/A	66.7	① ② ③ ● N/A	69.0	① ② ③ ● N/A	65.4	① ② ③ ● N/A	65.4	① ② ③ ● N/A	65.7	① ② ③ ● N/A	67.3
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])	1348		1307		1307		1307		1308		1308		1306	
Initial (6.[16])	WO: LM		WO: LM		WO: LM		WO: LM		WO: LM		WO: LM		WO: LM	
	WO: DA		WO: DA		WO: DA		WO: N/A		WO: N/A		WO: N/A		WO: N/A	



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Comments:

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Leon Montoya	[Signature]	191526	08-07-17
Waste Operator (print)	Signature	Z#	Date
Tina Aguirre	[Signature]	174527	8-07-17
Waste Operator (print)	Signature	Z#	Date
Leon Montoya	[Signature]	191526	8-8-17
Waste Operator (print)	Signature	Z#	Date
Tina Aguirre	[Signature]	174527	8-08-17
Waste Operator (print)	Signature	Z#	Date
Leon Montoya	[Signature]	191526	8-09-17
Waste Operator (print)	Signature	Z#	Date
Juan Garcia	[Signature]	1169840	08-09-17
Waste Operator (print)	Signature	Z#	Date
Leon Montoya	[Signature]	191526	08-10-17
Waste Operator (print)	Signature	Z#	Date

Waste Operator (print)	Signature	Z#	Date
Leon Montoya	[Signature]	191526	08-11-17
Waste Operator (print)	Signature	Z#	Date
Leon Montoya	[Signature]	191526	08-12-17
Waste Operator (print)	Signature	Z#	Date
Leon Montoya	[Signature]	191526	08-13-17
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date
/	/	/	/



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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: <u>06-07-17/1349</u>	Tuesday 6.[2] Date & Start Time: <u>06-08-17/1308</u>	Wednesday 6.[2] Date & Start Time: <u>06-09-17/1308</u>	Thursday 6.[2] Date & Start Time: <u>06-10-17/1308</u>	Friday 6.[2] Date & Start Time: <u>06-11-17/1309</u>	Saturday 6.[2] Date & Start Time: <u>06-12-17/1309</u>	Sunday 6.[2] Date & Start Time: <u>06-13-17/1307</u>
TA-54-0375 Cell 2							
Calibrated infrared thermometer (6.[3])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number <u>103868</u>
Ambient Temperature (6.[4])	Cell 2: <u>66.3</u> °F	Cell 2: <u>68.0</u> °F	Cell 2: <u>64.5</u> °F	Cell 2: <u>69.4</u> °F	Cell 2: <u>66.3</u> °F	Cell 2: <u>69.2</u> °F	Cell 2: <u>67.8</u> °F
(\$ ) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
68408	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>
68638	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>
69615	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>
69635	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>
69642	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>
69630	① ② ③ ® <u>N/A</u> <u>66.6</u>	① ② ③ ® <u>N/A</u> <u>68.7</u>	① ② ③ ® <u>N/A</u> <u>36.2</u>	① ② ③ ® <u>N/A</u> <u>37.1</u>	① ② ③ ® <u>N/A</u> <u>34.8</u>	① ② ③ ® <u>N/A</u> <u>33.6</u>	① ② ③ ® <u>N/A</u> <u>36.0</u>
69633	① ② ③ ● <u>N/A</u> <u>35.9</u>	① ② ③ ● <u>N/A</u> <u>37.6</u>	① ② ③ ● <u>N/A</u> <u>35.5</u>	① ② ③ ● <u>N/A</u> <u>37.1</u>	① ② ③ ● <u>N/A</u> <u>35.1</u>	① ② ③ ● <u>N/A</u> <u>34.6</u>	① ② ③ ● <u>N/A</u> <u>35.9</u>
68430	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>
68631	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>
69634	① ② ③ ● <u>N/A</u> <u>35.3</u>	① ② ③ ● <u>N/A</u> <u>37.4</u>	① ② ③ ● <u>N/A</u> <u>36.5</u>	① ② ③ ● <u>N/A</u> <u>37.6</u>	① ② ③ ● <u>N/A</u> <u>36.5</u>	① ② ③ ● <u>N/A</u> <u>34.7</u>	① ② ③ ● <u>N/A</u> <u>37.2</u>



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	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	39.2	① ② ③ ● N/A	35.9	① ② ③ ● N/A	37.2	① ② ③ ● N/A	38.6	① ② ③ ● N/A	40.4	① ② ③ ● N/A	37.5	① ② ③ ● N/A	37.2
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	38.1	① ② ③ ● N/A	36.6	① ② ③ ● N/A	37.7	① ② ③ ● N/A	39.7	① ② ③ ● N/A	37.2	① ② ③ ● N/A	36.8	① ② ③ ● N/A	34.5
69644	① ② ③ ● N/A	36.7	① ② ③ ● N/A	36.7	① ② ③ ● N/A	36.7	① ② ③ ● N/A	38.7	① ② ③ ● N/A	36.3	① ② ③ ● N/A	36.0	① ② ③ ● N/A	34.9
69183	① ② ③ ● N/A	67.2	① ② ③ ● N/A	67.8	① ② ③ ● N/A	37.6	① ② ③ ● N/A	39.7	① ② ③ ● N/A	36.8	① ② ③ ● N/A	36.5	① ② ③ ● N/A	34.9
69638	① ② ③ ● N/A	66.2	① ② ③ ● N/A	67.1	① ② ③ ● N/A	69.4	① ② ③ ● N/A	69.1	① ② ③ ● N/A	66.1	① ② ③ ● N/A	67.5	① ② ③ ● N/A	67.4
68624	① ② ③ ● N/A	66.8	① ② ③ ● N/A	67.5	① ② ③ ● N/A	69.2	① ② ③ ● N/A	67.3	① ② ③ ● N/A	65.4	① ② ③ ● N/A	67.9	① ② ③ ● N/A	66.7
68507	① ② ③ ● N/A	66.6	① ② ③ ● N/A	67.3	① ② ③ ● N/A	69.0	① ② ③ ● N/A	67.8	① ② ③ ● N/A	66.1	① ② ③ ● N/A	67.4	① ② ③ ● N/A	65.8
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	67.4	① ② ③ ● N/A	67.4	① ② ③ ● N/A	68.6	① ② ③ ● N/A	68.2	① ② ③ ● N/A	66.9	① ② ③ ● N/A	69.1	① ② ③ ● N/A	69.9
69598	① ② ③ ● N/A	67.5	① ② ③ ● N/A	67.5	① ② ③ ● N/A	68.6	① ② ③ ● N/A	69.0	① ② ③ ● N/A	67.0	① ② ③ ● N/A	69.0	① ② ③ ● N/A	67.6
92472	① ② ③ ● N/A	37.1	① ② ③ ● N/A	37.3	① ② ③ ● N/A	37.1	① ② ③ ● N/A	38.8	① ② ③ ● N/A	38.1	① ② ③ ● N/A	36.4	① ② ③ ● N/A	34.8
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	66.5	① ② ③ ● N/A	67.7	① ② ③ ● N/A	68.5	① ② ③ ● N/A	67.4	① ② ③ ● N/A	66.4	① ② ③ ● N/A	68.5	① ② ③ ● N/A	67.0
69639	① ② ③ ● N/A	66.7	① ② ③ ● N/A	67.2	① ② ③ ● N/A	69.3	① ② ③ ● N/A	67.6	① ② ③ ● N/A	65.8	① ② ③ ● N/A	67.8	① ② ③ ● N/A	66.7
69637	① ② ③ ● N/A	66.3	① ② ③ ● N/A	67.7	① ② ③ ● N/A	68.5	① ② ③ ● N/A	67.4	① ② ③ ● N/A	66.0	① ② ③ ● N/A	67.3	① ② ③ ● N/A	67.3
End Time (6.[16])	13:53		13:16		13:14		13:12		13:14		13:15		13:14	
Initial (6.[16])	WO: <u>LM</u> WO: <u>DA</u>		WO: <u>LM</u> WO: <u>DA</u>		WO: <u>LM</u> WO: <u>DA</u>		WO: <u>LM</u> WO: <u>N/A</u>		WO: <u>LM</u> WO: <u>N/A</u>		WO: <u>LM</u> WO: <u>N/A</u>		WO: <u>LM</u> WO: <u>N/A</u>	



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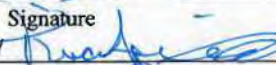


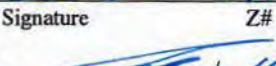




UET

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Comments:

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
Leon Montoya		1191526	108-07-17	Leon Montoya		1191526	108-11-17
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
Lina Aguirre		1174927	18-07-17	Leon Montoya		1191526	09-12-17
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
Leon Montoya		1191526	18-08-17	Leon Montoya		1191526	08-13-17
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
Lina Aguirre		1174927	18-08-17	Waste Operator (print)	/	/	/
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
Leon Montoya		1191526	108-09-17	Waste Operator (print)	/	/	/
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
Juan Garcia		1169840	108-09-17	Waste Operator (print)	/	/	/
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
Leon Montoya		1191526	108-10-17	Waste Operator (print)	/	/	/
Waste Operator (print)	Signature	Z#	Date	Waste Operator (print)	Signature	Z#	Date
				Waste Operator (print)	/	/	/
				Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date
/	/	/	/



## UET

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**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:	Tuesday 6.[2] Date & Start Time:	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:
	08-07-17/1354	08-08-17/1317	08-09-17/1315	08-10-17/1313	08-11-17/1315	08-12-17/1316	08-13-17/1315
TA-54-0375 Cell 3							
Calibrated infrared thermometer (6.[3])	Brand: <u>F/uke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>F/uke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>F/uke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>F/uke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>F/uke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>F/uke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>F/uke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>
Ambient Temperature (6.[4])	Cell 3: <u>62.7</u> °F	Cell 3: <u>64.1</u> °F	Cell 3: <u>65.2</u> °F	Cell 3: <u>65.6</u> °F	Cell 3: <u>63.1</u> °F	Cell 3: <u>65.3</u> °F	Cell 3: <u>63.9</u> °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[5])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
69519	① ② ③ Ⓡ N/A 61.5	① ② ③ Ⓡ N/A 62.4	① ② ③ Ⓡ N/A 63.2	① ② ③ Ⓡ N/A 62.9	① ② ③ Ⓡ N/A 61.7	① ② ③ Ⓡ N/A 63.7	① ② ③ Ⓡ N/A 63.0
69645	① ② ③ Ⓡ N/A 59.4	① ② ③ Ⓡ N/A 61.2	① ② ③ Ⓡ N/A 62.4	① ② ③ Ⓡ N/A 62.6	① ② ③ Ⓡ N/A 59.7	① ② ③ Ⓡ N/A 62.1	① ② ③ Ⓡ N/A 60.9
94068	① ② ③ Ⓡ N/A 63.0	① ② ③ Ⓡ N/A 63.9	① ② ③ Ⓡ N/A 65.8	① ② ③ Ⓡ N/A 64.6	① ② ③ Ⓡ N/A 62.6	① ② ③ Ⓡ N/A 64.6	① ② ③ Ⓡ N/A 64.2
93605	① ② ③ Ⓡ N/A 63.1	① ② ③ Ⓡ N/A 64.0	① ② ③ Ⓡ N/A 65.4	① ② ③ Ⓡ N/A 64.7	① ② ③ Ⓡ N/A 63.3	① ② ③ Ⓡ N/A 65.0	① ② ③ Ⓡ N/A 64.8
69548	① ② ③ Ⓡ N/A 63.6	① ② ③ Ⓡ N/A 64.3	① ② ③ Ⓡ N/A 65.7	① ② ③ Ⓡ N/A 66.1	① ② ③ Ⓡ N/A 62.9	① ② ③ Ⓡ N/A 65.1	① ② ③ Ⓡ N/A 65.3



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	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 62.3	① ② ③ Ⓡ N/A 62.8	① ② ③ Ⓡ N/A 65.1	① ② ③ Ⓡ N/A 64.7	① ② ③ Ⓡ N/A 62.0	① ② ③ Ⓡ N/A 64.6	① ② ③ Ⓡ N/A 63.9
68665	① ② ③ Ⓡ N/A 61.2	① ② ③ Ⓡ N/A 61.8	① ② ③ Ⓡ N/A 63.4	① ② ③ Ⓡ N/A 63.3	① ② ③ Ⓡ N/A 60.3	① ② ③ Ⓡ N/A 62.9	① ② ③ Ⓡ N/A 62.8
69595	① ② ③ Ⓡ N/A 60.7	① ② ③ Ⓡ N/A 63.0	① ② ③ Ⓡ N/A 63.2	① ② ③ Ⓡ N/A 63.9	① ② ③ Ⓡ N/A 61.1	① ② ③ Ⓡ N/A 63.3	① ② ③ Ⓡ N/A 62.8
69036	① ② ③ Ⓡ N/A 60.8	① ② ③ Ⓡ N/A 62.5	① ② ③ Ⓡ N/A 63.8	① ② ③ Ⓡ N/A 64.1	① ② ③ Ⓡ N/A 61.7	① ② ③ Ⓡ N/A 63.6	① ② ③ Ⓡ N/A 63.7
69361	① ② ③ Ⓡ N/A 61.4	① ② ③ Ⓡ N/A 62.7	① ② ③ Ⓡ N/A 64.4	① ② ③ Ⓡ N/A 64.7	① ② ③ Ⓡ N/A 62.7	① ② ③ Ⓡ N/A 64.5	① ② ③ Ⓡ N/A 64.0
69559	① ② ③ Ⓡ N/A 62.8	① ② ③ Ⓡ N/A 63.1	① ② ③ Ⓡ N/A 64.0	① ② ③ Ⓡ N/A 64.1	① ② ③ Ⓡ N/A 63.0	① ② ③ Ⓡ N/A 65.1	① ② ③ Ⓡ N/A 64.0
69491	① ② ③ Ⓡ N/A 62.9	① ② ③ Ⓡ N/A 63.5	① ② ③ Ⓡ N/A 65.3	① ② ③ Ⓡ N/A 64.9	① ② ③ Ⓡ N/A 63.0	① ② ③ Ⓡ N/A 65.6	① ② ③ Ⓡ N/A 64.4
87827	① ② ③ Ⓡ N/A 64.6	① ② ③ Ⓡ N/A 65.5	① ② ③ Ⓡ N/A 67.2	① ② ③ Ⓡ N/A 67.5	① ② ③ Ⓡ N/A 64.3	① ② ③ Ⓡ N/A 65.9	① ② ③ Ⓡ N/A 67.4
87826	① ② ③ Ⓡ N/A 63.3	① ② ③ Ⓡ N/A 65.3	① ② ③ Ⓡ N/A 67.0	① ② ③ Ⓡ N/A 67.0	① ② ③ Ⓡ N/A 64.8	① ② ③ Ⓡ N/A 66.3	① ② ③ Ⓡ N/A 65.7
87823	① ② ③ Ⓡ N/A 63.9	① ② ③ Ⓡ N/A 69.4	① ② ③ Ⓡ N/A 66.7	① ② ③ Ⓡ N/A 67.8	① ② ③ Ⓡ N/A 64.8	① ② ③ Ⓡ N/A 66.8	① ② ③ Ⓡ N/A 66.9
87825	① ② ③ Ⓡ N/A 64.3	① ② ③ Ⓡ N/A 69.8	① ② ③ Ⓡ N/A 68.0	① ② ③ Ⓡ N/A 68.3	① ② ③ Ⓡ N/A 68.1	① ② ③ Ⓡ N/A 67.9	① ② ③ Ⓡ N/A 67.7
End Time (6.[16])	13 59	13 23	13 19	13 17	13 19	13 21	13 19
Initial (6.[16])	WO: <u>LM</u> WO: <u>DA</u>	WO: <u>LM</u> WO: <u>DA</u>	WO: <u>LM</u> WO: <u>DA</u>	WO: <u>LM</u> WO: <u>N/A</u>	WO: <u>LM</u> WO: <u>N/A</u>	WO: <u>LM</u> WO: <u>N/A</u>	WO: <u>LM</u> WO: <u>N/A</u>



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Comments:

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Leon Montoya	[Signature]	191526	08-07-17
Waste Operator (print)	Signature	Z#	Date
Lina Aguirre	[Signature]	124927	08-07-17
Waste Operator (print)	Signature	Z#	Date
Leon Montoya	[Signature]	191526	08-08-17
Waste Operator (print)	Signature	Z#	Date
Lina Aguirre	[Signature]	124927	08-08-17
Waste Operator (print)	Signature	Z#	Date
Leon Montoya	[Signature]	191526	08-09-17
Waste Operator (print)	Signature	Z#	Date
Juan Garcia	[Signature]	169840	08-09-17
Waste Operator (print)	Signature	Z#	Date
Leon Montoya	[Signature]	191526	08-10-17
Waste Operator (print)	Signature	Z#	Date

Waste Operator (print)	Signature	Z#	Date
Leon Montoya	[Signature]	191526	08-11-17
Waste Operator (print)	Signature	Z#	Date
Leon Montoya	[Signature]	191526	08-12-17
Waste Operator (print)	Signature	Z#	Date
Leon Montoya	[Signature]	191526	08-13-17
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date
/	/	/	/

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**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: <u>08-14-17/1501</u>	Tuesday 6.[2] Date & Start Time: <u>08-15-17/1408</u>	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:
<b>TA-54-0375 Cell 1</b>							
Calibrated infrared thermometer (6.[3])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	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: <u>62.6</u> °F	Cell 1: <u>66.9</u> °F	Cell 1: _____ °F	Cell 1: _____ °F	Cell 1: _____ °F	Cell 1: _____ °F	Cell 1: _____ °F
(S) Temperature ≤ 75°F SR 4 ESS.5.1 (6.[5])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Ambient Temperature (6.[7])	Refrig.: <u>37.5</u> °F	Refrig.: <u>34.1</u> °F	Refrig.: _____ °F	Refrig.: _____ °F	Refrig.: _____ °F	Refrig.: _____ °F	Refrig.: _____ °F
(S) Ambient Refrig. Temp.: > 32°F and ≤ 41°F, SR 4.6.2.1, SAC 5.7.24 (6.[7])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
68685	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>
68540	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>
68553	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>
69445	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>

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	Monday 6.[2]	Tuesday 6.[2]	Wednesday 6.[2]	Thursday 6.[2]	Friday 6.[2]	Saturday 6.[2]	Sunday 6.[2]
<b>TA-54-0375 Cell 1 (continued)</b>							
69618	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A
69013	① ② ③ ● N/A	34.7	① ② ③ ● N/A	33.6	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69490	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69076	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69280	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69208	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69079	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69636	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69616	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R 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 R N/A	N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69520	① ② ③ R N/A	64.7	① ② ③ R N/A	67.5	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69641	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
69298	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
92669	① ② ③ R N/A	N/A	① ② ③ R N/A	N/A	① ② ③ R N/A	① ② ③ R N/A	① ② ③ R N/A
End Time (6.[16])	08:15 + 30 = 15:45	1412					
Initial (6.[16])	WO: FA	WO: FA	WO:	WO:	WO:	WO:	WO:
	WO:	WO:	WO:	WO:	WO:	WO:	WO:

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Comments:

6.[19] Performed by:

<u>Fabian Anaya</u>	<u>Fabian Anaya</u>	<u>174963</u>	<u>08-14-17</u>
Waste Operator (print)	Signature	Z#	Date
<u>Fabian Anaya</u>	<u>Fabian Anaya</u>	<u>174963</u>	<u>08-15-17</u>
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date

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

10.1[2] Reviewed by:

/	/	/
SOM (print)	Signature	Z#
		Date



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**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: <u>08-14-17 11507</u>	Tuesday 6.[2] Date & Start Time: <u>08-15-17 1413</u>	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:
<b>TA-54-0375 Cell 2</b>							
Calibrated infrared thermometer (6.[3])	Brand: <u>Fujie</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fujie</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	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: <u>65.9</u> °F	Cell 2: <u>68.8</u> °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])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Container ID #	Location/( & ) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
68408	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>
68638	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>
69615	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>
69635	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>
69642	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>
69630	① ② ③ ● <u>N/A</u> <u>35.8</u>	① ② ③ ● <u>N/A</u> <u>33.8</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>
69633	① ② ③ ● <u>N/A</u> <u>35.5</u>	① ② ③ ● <u>N/A</u> <u>35.5</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>
68430	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>
68631	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u> <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>
69634	① ② ③ ● <u>N/A</u> <u>35.3</u>	① ② ③ ● <u>N/A</u> <u>34.7</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>	① ② ③ ® <u>N/A</u>



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	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	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 35.7	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 35.6	① ② ③ ● N/A 34.6	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							
69183	① ② ③ ● N/A 36.8	① ② ③ ● N/A 36.1	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							
69638	① ② ③ Ⓡ N/A 64.5	① ② ③ Ⓡ N/A 68.8	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 63.9	① ② ③ Ⓡ N/A 67.6	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							
68507	① ② ③ Ⓡ N/A 64.2	① ② ③ Ⓡ N/A 68.3	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							
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 64.3	① ② ③ Ⓡ N/A 68.9	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							
69598	① ② ③ Ⓡ N/A 65.3	① ② ③ Ⓡ N/A 70.0	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							
92472	① ② ③ ● N/A 36.0	① ② ③ ● N/A 36.0	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							
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 63.6	① ② ③ Ⓡ N/A 67.7	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							
69639	① ② ③ Ⓡ N/A 63.9	① ② ③ Ⓡ N/A 67.6	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							
69637	① ② ③ Ⓡ N/A 63.9	① ② ③ Ⓡ N/A 68.6	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							
End Time (6.[16])	1514	1419												
Initial (6.[16])	WO: FK	WO: FK	WO:	WO:	WO:	WO:	WO:							
	WO:	WO:	WO:	WO:	WO:	WO:	WO:							

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ATTACHMENT 3

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Comments:

6.[19] Performed by:

<u>Fabian Anaya</u>	<u>Fabian Anaya</u>	<u>174963</u>	<u>08-14-17</u>
Waste Operator (print)	Signature	Z#	Date
<u>Fabian Anaya</u>	<u>Fabian Anaya</u>	<u>174963</u>	<u>08-15-17</u>
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date

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

10.1[2] Reviewed by:

/	/	/
SOM (print)	Signature	Z#
		Date



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**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: <u>08-14-17 / 1515</u>	Tuesday 6.[2] Date & Start Time: <u>08-15-17 / 1420</u>	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: _____
<b>TA-54-0375 Cell 3</b>							
Calibrated infrared thermometer (6.[3])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>12-19-17</u> File Number: <u>103868</u>	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: <u>61.8</u> °F	Cell 3: <u>65.2</u> °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])	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Container ID #	Location/(&) Temp (°F) (6.[9]/6.[10]/6.[11]) (IP IV.7)						
69519	① ② ③ ® N/A <u>59.7</u>	① ② ③ ® N/A <u>63.6</u>	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 <u>59.4</u>	① ② ③ ® N/A <u>61.0</u>	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 <u>61.6</u>	① ② ③ ® N/A <u>65.1</u>	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 <u>61.7</u>	① ② ③ ® N/A <u>64.7</u>	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 <u>61.9</u>	① ② ③ ® N/A <u>65.4</u>	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

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	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 ☑ ℞ N/A 61.2	① ② ☑ ℞ N/A 63.1	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A							
68665	① ② ☑ ℞ N/A 60.3	① ② ☑ ℞ N/A 61.8	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A							
69595	① ② ☑ ℞ N/A 59.4	① ② ☑ ℞ N/A 62.7	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A							
69036	① ② ☑ ℞ N/A 59.2	① ② ☑ ℞ N/A 64.3	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A							
69361	① ② ☑ ℞ N/A 59.7	① ② ☑ ℞ N/A 64.3	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A							
69559	① ② ☑ ℞ N/A 61.3	① ② ☑ ℞ N/A 64.4	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A							
69491	① ② ☑ ℞ N/A 62.5	① ② ☑ ℞ N/A 65.2	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A							
87827	① ② ☑ ℞ N/A 62.6	① ② ☑ ℞ N/A 67.5	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A							
87826	① ② ☑ ℞ N/A 62.4	① ② ☑ ℞ N/A 65.9	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A							
87823	① ② ☑ ℞ N/A 62.7	① ② ☑ ℞ N/A 67.2	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A							
87825	① ② ☑ ℞ N/A 63.2	① ② ☑ ℞ N/A 67.3	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A	① ② ☑ ℞ N/A							
End Time (6.[16])	1521	1426												
Initial (6.[16])	WO: FLA	WO: FLA	WO:	WO:	WO:	WO:	WO:							
	WO:	WO:	WO:	WO:	WO:	WO:	WO:							



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**ATTACHMENT 4**

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Comments:

6.[19] Performed by:

Waste Operator (print)	Signature	Z#	Date
Fabian Anaya	Fabian Anaya	174963	08-14-17
Waste Operator (print)	Signature	Z#	Date
Fabian Anaya	Fabian Anaya	174963	08-15-17
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date
/	/	/	/
Waste Operator (print)	Signature	Z#	Date

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

10.1[2] Reviewed by:

SOM (print)	Signature	Z#	Date
/	/	/	/

## WCRRF Operator Rounds

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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	LA00000069642 LA00000068430 N/A	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	41.3 °F 40.9 °F N/A °F	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA					
Tue	LA00000069642 LA00000068430 N/A	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	40.8 °F 40.7 °F N/A °F	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA					
Wed	LA00000068430 N/A N/A	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	41.6 °F N/A °F N/A °F	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA					
Thur	94227 LA00000069079 LA00000068430	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	45.2 °F 41.8 °F 41.1 °F	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA					
Fri	LA00000069079 LA00000068430 N/A	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	42.4 °F 42.7 °F N/A °F	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA					
Sat	LA00000068430 N/A N/A	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	40.8 °F N/A °F N/A °F	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA					
Sun	LA00000068430 N/A N/A	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	45.8 °F N/A °F N/A °F	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA	SAT / UNSAT / NA SAT / UNSAT / NA SAT / UNSAT / NA					



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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	<u>LA00000068430</u> <u>NA</u> <u>NA</u>	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / <u>NA</u> <u>SAT</u> / UNSAT / <u>NA</u>	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / <u>NA</u> <u>SAT</u> / UNSAT / <u>NA</u>	<u>39.9</u> °F <u>NA</u> °F <u>NA</u> °F	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / <u>NA</u> <u>SAT</u> / UNSAT / <u>NA</u>		<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / <u>NA</u> <u>SAT</u> / UNSAT / <u>NA</u>				
Tue	<u>LA00000068430</u> <u>NA</u> <u>NA</u>	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / <u>NA</u> <u>SAT</u> / UNSAT / <u>NA</u>	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / <u>NA</u> <u>SAT</u> / UNSAT / <u>NA</u>	<u>40.4</u> °F <u>NA</u> °F <u>NA</u> °F	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / <u>NA</u> <u>SAT</u> / UNSAT / <u>NA</u>		<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / <u>NA</u> <u>SAT</u> / UNSAT / <u>NA</u>				
Wed	<u>LA00000069568</u> <u>LA00000068408</u> <u>NA</u>	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / <u>NA</u>	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / <u>NA</u>	<u>41.0</u> °F <u>40.0</u> °F <u>NA</u> °F	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / <u>NA</u>		<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / <u>NA</u>				
Thur	<u>LA00000069408</u> <u>N/A</u> <u>N/A</u>	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / <u>NA</u> <u>SAT</u> / UNSAT / <u>NA</u>	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / <u>NA</u> <u>SAT</u> / UNSAT / <u>NA</u>	<u>40.1</u> °F <u>N/A</u> °F <u>N/A</u> °F	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / <u>NA</u> <u>SAT</u> / UNSAT / <u>NA</u>		<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / <u>NA</u> <u>SAT</u> / UNSAT / <u>NA</u>				
Fri	<u>LA00000068408</u> <u>92459</u> <u>LA00000069298</u>	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA	<u>41.8</u> °F <u>41.1</u> °F <u>42.7</u> °F	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA		<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA				
Sat	<u>LA00000068408</u> <u>92459</u> <u>LA00000069298</u>	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA	<u>41.2</u> °F <u>40.8</u> °F <u>42.6</u> °F	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA		<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA				
Sun	<u>LA00000068408</u> <u>92459</u> <u>LA00000069298</u>	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA	<u>43.0</u> °F <u>42.0</u> °F <u>44.5</u> °F	<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA		<u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA <u>SAT</u> / UNSAT / NA				

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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	68408 92459 69298	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	39.1 °F 39.1 °F 39.9 °F	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA					
Tue	92459 NA NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	40.7 °F NA °F NA °F	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA					
Wed	92459 NA NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	39.6 °F NA °F NA °F	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA					
Thur	92459 NA NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	39.7 °F NA °F NA °F	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA					
Fri	NA NA NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	NA °F NA °F NA °F	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA					
Sat	NA NA NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	NA °F NA °F NA °F	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA					
Sun	NA NA NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	NA °F NA °F NA °F	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA	SAT/UNSAT/NA SAT/UNSAT/NA SAT/UNSAT/NA					



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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	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				
		N/A	SAT/UNSAT/NA	SAT/UNSAT/NA	N/A °F	SAT/UNSAT/NA	SAT/UNSAT/NA				
	Tue	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				
		N/A	SAT/UNSAT/NA	SAT/UNSAT/NA	N/A °F	SAT/UNSAT/NA	SAT/UNSAT/NA				
	Wed	LA00000068208	SAT/UNSAT/NA	SAT/UNSAT/NA	43.9 °F	SAT/UNSAT/NA	SAT/UNSAT/NA				
		LA00000068540	SAT/UNSAT/NA	SAT/UNSAT/NA	43.6 °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	LA00000068540	SAT/UNSAT/NA	SAT/UNSAT/NA	40.7 °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				
	Fri	LA00000068540	SAT/UNSAT/NA	SAT/UNSAT/NA	39.5 °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				
	Sat	LA00000068540	SAT/UNSAT/NA	SAT/UNSAT/NA	44.3 °F	SAT/UNSAT/NA	SAT/UNSAT/NA				
		N/A	SAT/UNSAT/NA	SAT/UNSAT/NA	N/A °F	SAT/UNSAT/NA	SAT/UNSAT/NA				
		N/A	SAT/UNSAT/NA	SAT/UNSAT/NA	N/A °F	SAT/UNSAT/NA	SAT/UNSAT/NA				
	Sun	LA00000068540	SAT/UNSAT/NA	SAT/UNSAT/NA	42.6 °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				

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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 <u>LA00000068540</u>	<u>SAT</u> / UNSAT / NA	<u>SAT</u> / UNSAT / NA	<u>42.7</u> °F	<u>SAT</u> / UNSAT / NA		<u>SAT</u> / UNSAT / NA				
	<u>NA</u>	SAT / UNSAT / <u>NA</u>	SAT / UNSAT / <u>NA</u>	<u>NA</u> °F	SAT / UNSAT / <u>NA</u>		SAT / UNSAT / <u>NA</u>				
	<u>NA</u>	SAT / UNSAT / <u>NA</u>	SAT / UNSAT / <u>NA</u>	<u>NA</u> °F	SAT / UNSAT / <u>NA</u>		SAT / UNSAT / <u>NA</u>				
	Tue <u>NA</u>	SAT / UNSAT / <u>NA</u>	SAT / UNSAT / <u>NA</u>	<u>NA</u> °F	SAT / UNSAT / <u>NA</u>		SAT / UNSAT / <u>NA</u>				
	<u>NA</u>	SAT / UNSAT / <u>NA</u>	SAT / UNSAT / <u>NA</u>	<u>NA</u> °F	SAT / UNSAT / <u>NA</u>		SAT / UNSAT / <u>NA</u>				
	<u>NA</u>	SAT / UNSAT / <u>NA</u>	SAT / UNSAT / <u>NA</u>	<u>NA</u> °F	SAT / UNSAT / <u>NA</u>		SAT / UNSAT / <u>NA</u>				
	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				