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Sent: Wednesday, September 21, 2016 4:14 PM

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Subject: Monthly Technical Submittal August 18, 2016 - September 21, 2016

Linked below is the written monthly technical summary August 18, 2016 - September 21, 2016. 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 IX of the *LANL Nitrate Salt-Bearing Waste Container Isolation Plan, Revision 6*, approved on May 16, 2016.

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

[NMED monthly written submissionSeptember 21, 2016.pdf](#)

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NMED / LANL Technical Summary

August 18, 2016 – September 21, 2016

Participants:

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

LANL Technical Update:

- **Location of Nitrate Salt-Bearing Wastes**
 - Remediated nitrate salt-bearing waste containers (8 SWB overpacks, 48 55-gallon containers, and 4 85 gallon overpacked POCs).
 - All containers remain in the 375 Permacon.
- **Monitoring - Daily Temperature**
 - Temperatures are currently below 75 °F.
 - Previous month's temperature data attached.
- **Monitoring – Visual Inspections**
 - No abnormal conditions were observed.
- **Monitoring – headspace gas (HSG)**
 - Containers (SWBs) 68685 and 69490 (formerly overpacked into SB50522) continue daily head space gas (HSG) sample collection.
 - August 17, 2016 – September 20, 2016 HSG data (H₂, CO, CO₂ and N₂O) attached.
 - Other containers:
 - A minimum of once per month HSG sampling is conducted on 55-gallon drums or overpack containers.
 - Through September 20, 2016, LANL has completed HSG sampling for the month on 42 containers.
 - September 2016 HSG data (H₂, CO, CO₂ and N₂O) attached.
- **Additional measures currently underway**
 - Twice-weekly HSG sample collection on 55-gallon drums of remediated nitrate salt-bearing waste.
 - HSG data (H₂, CO, CO₂ and N₂O) attached for August and September 2016.
 - Graphical depictions of HSG data are attached for the two containers required to be sampled daily and the five other containers that are currently sampled twice weekly as additional measures.
 - CO₂ values are adjusted by the quantity of CO₂ in the field blank (i.e., the amount of CO₂ in the air when the sample is taken is subtracted from the CO₂ reading within the container). No other adjustments are made to the data.

- **Anticipated Changes to Nitrate Salt-Bearing Waste Containers (e.g. movement, re-packaging)**
 - Currently, no further movements or re-packaging are occurring.
 - Installation of pressure relief devices with supplemental filtration to containers with pipe overpack components is still under review with DOE.

Other:

Next Call: Wednesday, October 19, 2016

Summary Chart - Requested Information / Pending Issues:

	Requested Information	Actionee	Status	Completion Date
1.	NMED contact / process for LANL to notify NMED under the Revised Isolation Plan (e.g., 24 hour notices).	NMED	---	Complete June 5, 2014
2.	Keep NMED informed on the status of on-going chemistry / analytical work.	LANL	---	Complete June 9, 2014
3.	On upcoming daily call, provide additional discussion on the potential for liquids in the 350 post-1991 cemented containers (including a discussion of the review of RTR tapes).	LANL	---	Complete July 6, 2014 (Discussion on call) July 18, 2014 (Meeting held)
4.	On upcoming call, provide additional discussion on why 231 and 375 Permacon fire suppression systems are not part of the LANL RCRA Hazardous Waste Facility Permit Contingency Plan.	LANL	---	Complete June 5, 2014
5.	Send copy of June 4, 2014 written daily submission to Trais Kliphuis. Also, include her on future daily submissions.	LANL	---	Complete June 5, 2014
6.	Provide LANL procedures and example records associated with post-1991 TA-55 cementation process discussed on June 6.	LANL	---	Complete July 3, 2014
7.	Provide information on numbers of containers in the post-1991 cemented waste streams from the TA-55 process discussed on June 6. This should include numbers regarding RTR status (RTR'd, meet WIPP criteria, requiring remediation).	LANL	---	Complete June 17, 2014 (Supplemental Info provided July 3)
8.	Provide RTR video and pre-screening information associated with those containers requiring remediation from the post-1991 cemented waste streams from the TA-55 process discussed on June 6.	LANL	---	Complete July 3, 2014
9.	Provide copy of CCP/LANL Interface Document.	LANL	---	Complete June 9, 2014
10.	Provide a list of the analytes for which LANL is sampling HSG (CO ₂ and LFL analytes).	LANL	---	Complete June 11, 2014
11.	Discuss potential sampling of HSG for NO _x .	LANL	---	Complete June 16, 2014

	Requested Information	Actionee	Status	Completion Date
12.	Follow-up with Tim Hall regarding LANL Hazardous Waste Facility Permit and procedures that LANL is developing for possible future sampling of empty parent containers and unremediated nitrate salt-bearing containers at LANL.	LANL	---	<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>Complete</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 & 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>

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

	Requested Information	Actionee	Status	Completion Date
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 ₂ , including data.	LANL	---	Complete August 14, 2014 (Meeting held)
26.	NMED requested additional discussion on CIN-01 waste containers and absorbent, including confirmation and extent of use.	LANL	---	Complete July 18, 2014 (Meeting held)
27.	NMED requested historic analytical information on pH of liquids associated with gypsum cemented waste.	LANL	---	Complete August 7, 2014
28.	NMED requested link to pdf of Actinide Quarterly edition (3 rd 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

	Requested Information	Actionee	Status	Completion Date
36.	NMED request regarding LANL Causal Analysis associated with processing of nitrate salt-bearing waste at WCRRF – when document is Final.	LANL	Document is currently Draft and will remain draft.	Closed November 19, 2015 Meeting with NMED-HWB personnel discussed that information in the Technical Assessment Report and the DOE Phase II Investigation Report were sufficient for closure.
37.	NMED requested a diagram illustrating the current locations within the 375 Permacon of the 55 SWBs that contain the 57 remediated nitrate salt-bearing waste containers. NMED also requested a list of these 55 SWBs and the waste drums within each SWB (including the container numbers and waste stream type).	LANL	---	Complete October 27, 2014 (Diagram submitted) November 3, 2014 (Table submitted) November 20, 2014 (Revised table submitted)

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

	Requested Information	Actionee	Status	Completion Date
41.	Trending and correlation of temperature and HSG monitoring data.	LANL	---	Complete November 19, 2015 HSG data modeling report to be included with the LANL Isolation Plan and graphical 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.

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

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	68685 - 68685				69553 - 69553				69615 - 69615				69616 - 69616				SB50069 - 69208			
	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
08/17/16	286	1032	24861	4945																
08/18/16	272	1013	24509	4880	280	1094	23577	3213	182	726	13195	739	80	386	5872	1011	981	2273	49577	6769
08/19/16	289	1045	24190	4832																
08/20/16	293	1015	23773	4712																
08/21/16	273	889	21058	4232																
08/22/16	275	1003	22904	4520	285	1035	22245	2957	264	904	18231	994	335	1135	21571	3550	720	2120	46716	6429
08/23/16	296	1006	22211	4433																
08/24/16	285	942	21905	4375																
08/25/16	281	943	20760	4108	138	609	11821	1597	265	971	18520	1017	325	1027	19314	3273	796	1998	41671	5889
08/26/16	261	834	18853	3784																
08/27/16	295	932	21453	4283																
08/28/16	301	970	21550	4293																
08/29/16	293	918	20364	4044	287	1085	21748	2908	265	976	17642	983	392	1175	21901	3632	986	2217	45796	5947
08/30/16	277	907	19702	3926																
08/31/16	291	952	19799	3915																
09/01/16	292	920	20329	3987	259	979	19981	2658	262	893	17539	912	366	1101	21043	3406	841	2072	44480	5661
09/02/16	292	854	20787	3975																
09/03/16	313	1006	22681	4379																
09/04/16	289	991	20508	3977																
09/05/16	317	1080	23380	4512																
09/06/16	301	1014	22547	4405	292	1080	22649	3038	230	801	16215	844	367	1177	22121	3593	648	1579	32610	4185
09/07/16	287	935	21615	4174																
09/08/16	299	1112	22587	4370	283	1111	22112	2907	258	942	18970	1012	355	1318	23169	3787	597	1474	30710	3892
09/09/16	317	1079	23905	4692																
09/10/16	308	1067	23284	4616																
09/11/16	249	922	20087	4065																
09/12/16	305	1014	22573	4482	295	1127	22524	3071	273	1005	18598	1053	356	1227	21846	2622	534	1291	26218	3472
09/13/16	306	1037	22038	4439																
09/14/16	298	975	21490	4286																
09/15/16	304	997	21348	4288	290	1055	21472	2889	241	827	16507	952	328	1112	20645	3389	603	1541	30124	3925
09/16/16	302	981	21496	4299																
09/17/16	292	918	20081	4050																
09/18/16	303	983	20377	4082																
09/19/16	287	898	19151	3807	273	1054	20017	2674	268	976	17678	956	330	1111	19815	3266	856	1932	39107	5109
09/20/16	247	881	19083	3814																

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	SB50452 - 69076				SB50522 - 69490				68430				68507				70503 - 68540			
	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
08/17/16					856	1719	25231	5109												
08/18/16	436	1458	24612	3769	797	1641	23364	4759												
08/19/16					794	1626	22249	4502												
08/20/16					859	1692	24581	4991												
08/21/16					828	1619	22860	4669												
08/22/16	425	1299	21874	3334	813	1549	22103	4494												
08/23/16					893	1715	24066	4897												
08/24/16					949	1832	26121	5308												
08/25/16	410	1243	20937	3239	788	1522	21527	4387												
08/26/16					799	1477	21140	4251												
08/27/16					868	1574	22883	4705												
08/28/16					804	1514	20957	4267												
08/29/16	74	336	4307	682	835	1623	21807	4435												
08/30/16					854	1667	22551	4597												
08/31/16					776	1469	19869	4054												
09/01/16	385	1218	19632	2937	816	1631	22560	4567												
09/02/16					792	1510	20986	4271												
09/03/16					888	1682	23788	4812												
09/04/16					895	1810	23875	4861												
09/05/16					896	1788	24459	5007												
09/06/16	389	1334	20607	3114	744	1456	19894	4048												
09/07/16					730	1451	20043	4080									11	0	955	108
09/08/16	390	1319	21281	3177	709	1569	22055	4495												
09/09/16					919	1920	25622	5245												
09/10/16					784	1650	22710	4674												
09/11/16					898	1854	24838	5128												
09/12/16	360	1227	20072	3056	800	1706	23165	4747												
09/13/16					865	1706	23445	4807												
09/14/16					734	1581	21283	4396												
09/15/16	306	1182	19231	2926	901	1726	24043	4899												
09/16/16					831	1591	21695	4482												
09/17/16					852	1674	22523	4595												
09/18/16					809	1592	21663	4478												
09/19/16	340	1167	18489	2769	779	1516	20507	4246												
09/20/16					840	1681	22041	4508	216	389	4514	962	100	62	1254	47				

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	70503 - 68553				68567 - 68567				68624 - 68624				68631 - 68631				68638 - 68638			
	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
08/17/16																				
08/18/16																				
08/19/16																				
08/20/16																				
08/21/16																				
08/22/16																				
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08/29/16																				
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09/02/16																				
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09/05/16																				
09/06/16																				
09/07/16	56	127	3455	343																
09/08/16																				
09/09/16																				
09/10/16																				
09/11/16																				
09/12/16																				
09/13/16																				
09/14/16									47	257	2782	407								
09/15/16																				
09/16/16																				
09/17/16																				
09/18/16																				
09/19/16																				
09/20/16													16	36	1054	110	12	0	607	0

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	69013				69015				69036 - 69036				69298 - 69298				69445 - 69445			
	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
08/17/16									103	255	1770	590								
08/18/16																				
08/19/16																				
08/20/16																				
08/21/16																				
08/22/16																				
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08/30/16																				
08/31/16																				
09/01/16																				
09/02/16																				
09/03/16																				
09/04/16																				
09/05/16																				
09/06/16																				
09/07/16	25	0	816	0													288	932	15024	1380
09/08/16																				
09/09/16																				
09/10/16																				
09/11/16																				
09/12/16																				
09/13/16													447	1069	16981	2420				
09/14/16					71	50	1065	127					673	1450	23093	3211				
09/15/16																				
09/16/16																				
09/17/16																				
09/18/16																				
09/19/16																				
09/20/16																				

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	69519				69520				69548 - 69548				69559 - 69559				69568 - 69568			
	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
08/17/16									15	0	2557	315	258	1124	14895	4636				
08/18/16																				
08/19/16																				
08/20/16																				
08/21/16																				
08/22/16																				
08/23/16																				
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09/01/16																				
09/02/16																				
09/03/16																				
09/04/16																				
09/05/16																				
09/06/16																				
09/07/16					92	109	2222	876												
09/08/16																				
09/09/16																				
09/10/16																				
09/11/16																				
09/12/16																				
09/13/16																				
09/14/16																				
09/15/16																				
09/16/16																				
09/17/16																				
09/18/16																				
09/19/16																				
09/20/16																	121	398	1597	900

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	69598				69604				69618 - 69618				69620 - 69620				69630 - 69630			
	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
08/17/16					272	483	7049	2407												
08/18/16																				
08/19/16																				
08/20/16																				
08/21/16																				
08/22/16																				
08/23/16																				
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09/02/16																				
09/03/16																				
09/04/16																				
09/05/16																				
09/06/16																				
09/07/16									153	527	6716	775	428	1001	15741	2529				
09/08/16																				
09/09/16																				
09/10/16																				
09/11/16																				
09/12/16																				
09/13/16																	487	1383	24042	2140
09/14/16																				
09/15/16																				
09/16/16																				
09/17/16																				
09/18/16																				
09/19/16																				
09/20/16																				

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	69633 - 69633				69634 - 69634				69635 - 69635				69636 - 69636				69637 - 69637				
	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	
08/17/16																					
08/18/16																					
08/19/16																					
08/20/16																					
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09/09/16																					
09/10/16																					
09/11/16																					
09/12/16																					
09/13/16													292	778	14453	1754					
09/14/16	464	997	16442	1911					201	597	8484	518					226	888	9011	2397	
09/15/16																					
09/16/16																					
09/17/16																					
09/18/16																					
09/19/16																					
09/20/16																					

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	69638 - 69638				69639 - 69639				69641 - 69641				69642 - 69642				69644 - 69644			
	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
08/17/16																				
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09/02/16																				
09/03/16																				
09/04/16																				
09/05/16																				
09/06/16																				
09/07/16									474	1221	14103	4642								
09/08/16																				
09/09/16																				
09/10/16																				
09/11/16																				
09/12/16																				
09/13/16													89	360	5619	563				
09/14/16	537	1165	14993	2229	182	496	9479	544									263	632	10431	2192
09/15/16																				
09/16/16																				
09/17/16																				
09/18/16																				
09/19/16																				
09/20/16																				

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	69645 - 69645				93605 - 93605				94068 - 94068				94227 - 94227				SB02198 - 68408					
	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm		
08/17/16																						
08/18/16																						
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09/17/16																						
09/18/16																						
09/19/16																						
09/20/16													33	62	641	570						

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	SB02203 - 92669				SB50073 - 69079				SB50418 - 69595				SB50431 - 69280				SB50442 - 68648			
	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
08/17/16									225	812	14900	1857								
08/18/16																				
08/19/16																				
08/20/16																				
08/21/16																				
08/22/16																				
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09/11/16																				
09/12/16																				
09/13/16	47	253	3809	94	737	1901	23073	5464					318	762	15145	1971				
09/14/16																				
09/15/16																				
09/16/16																				
09/17/16																				
09/18/16																				
09/19/16																				
09/20/16																	268	600	9311	1786

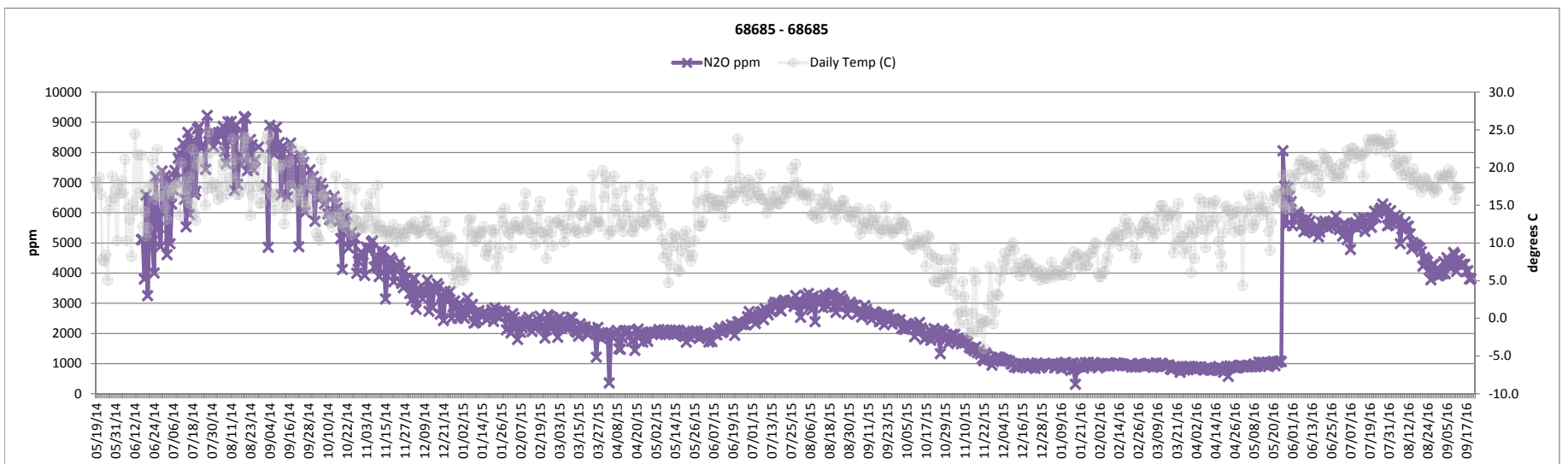
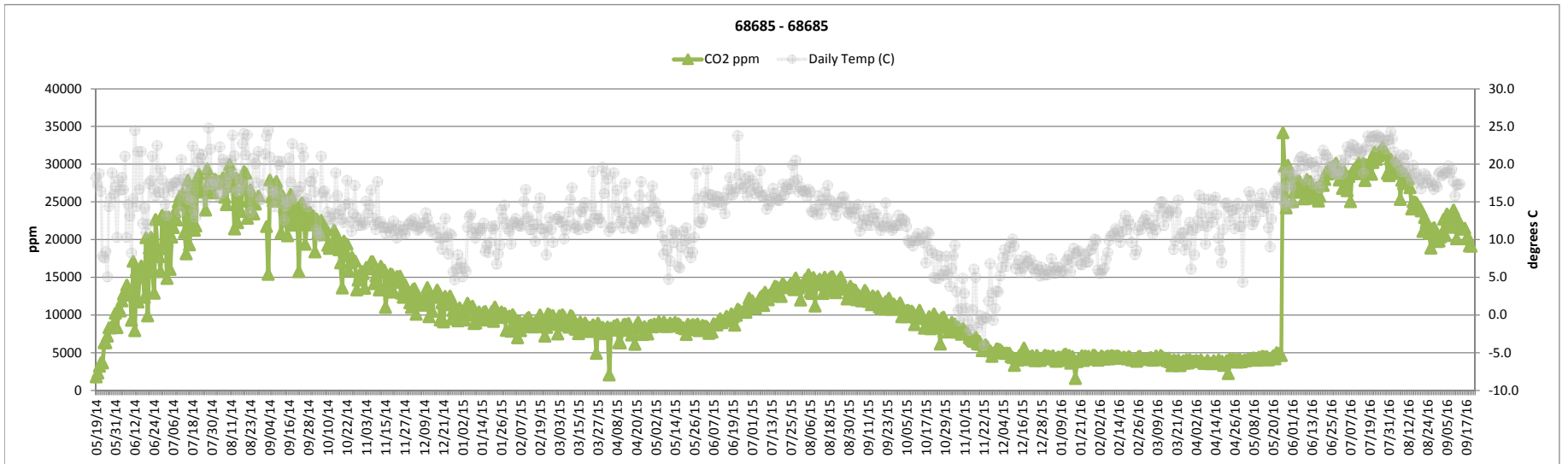
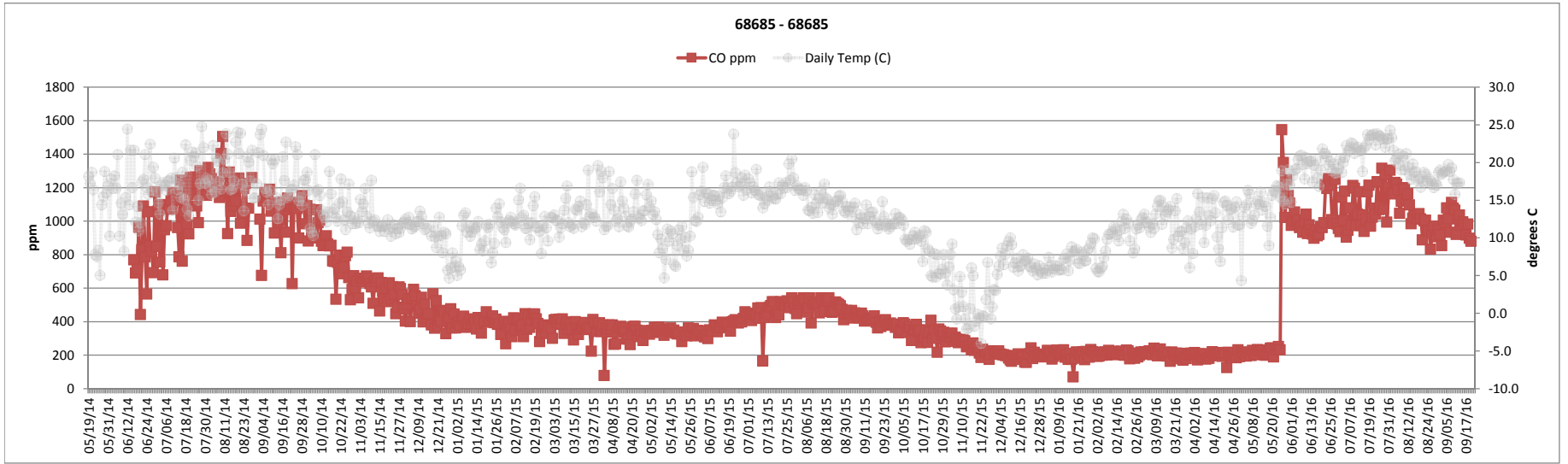
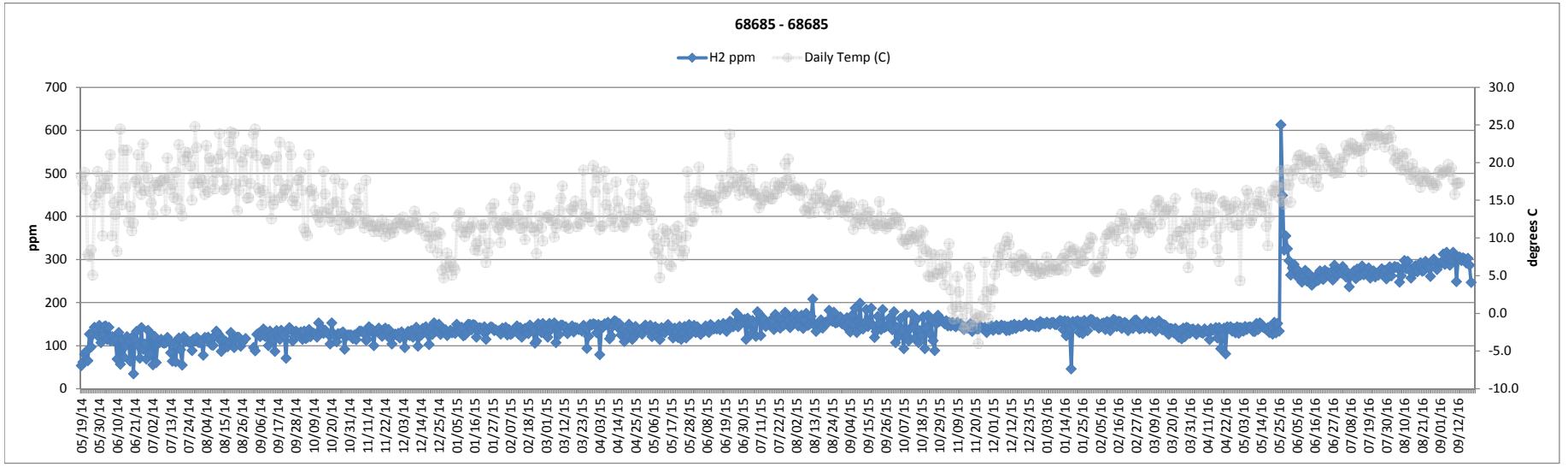
Remediated Nitrate Salt Container Headspace Gas Analysis

Date	SB50443 - 69183				SB50448 - 69491				SB50451 - 69361				SB50529 - 68665				SB50559 - 92459			
	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
08/17/16					823	1518	22689	3384	204	628	7854	904	217	692	8761	1126				
08/18/16																				
08/19/16																				
08/20/16																				
08/21/16																				
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09/10/16																				
09/11/16																				
09/12/16																				
09/13/16	738	1625	20650	3910																
09/14/16																				
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09/17/16																				
09/18/16																				
09/19/16																				
09/20/16																	50	70	2526	86

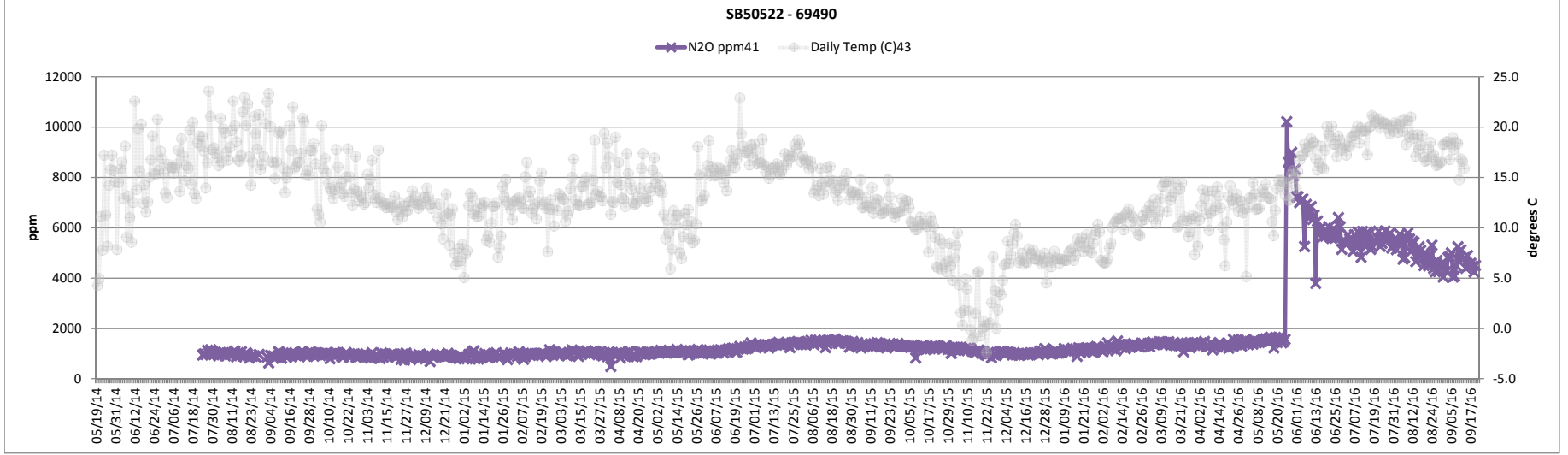
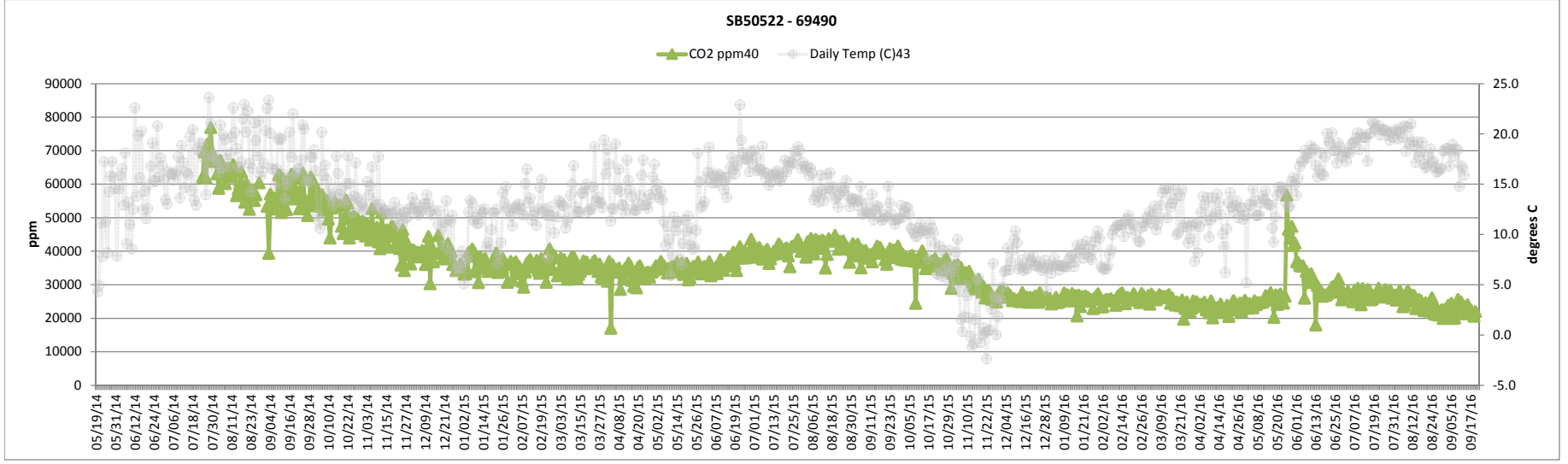
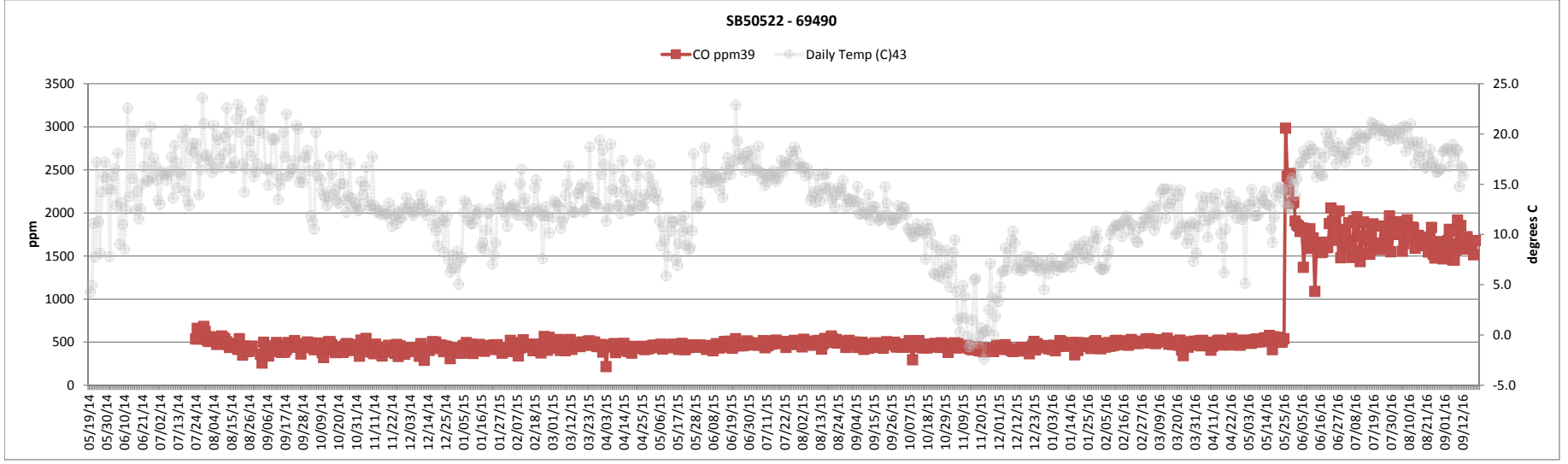
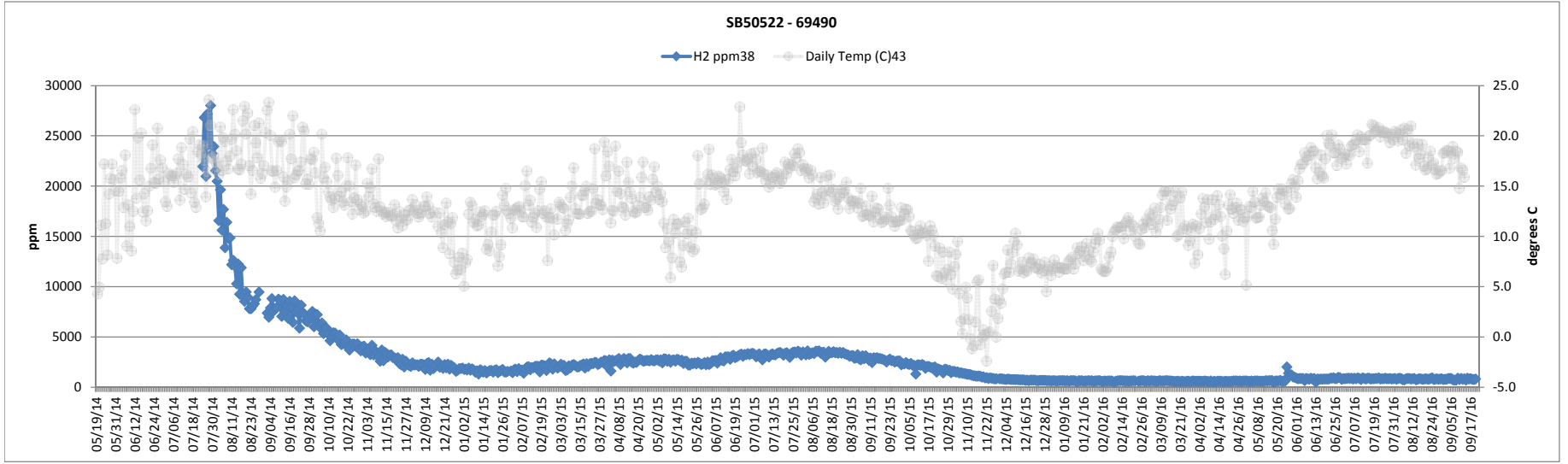
Remediated Nitrate Salt Container Headspace Gas Analysis

Date	SB50559 - 92472				87823				87825				87826				87827				
	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	
08/17/16																					
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09/02/16																					
09/03/16																					
09/04/16																					
09/05/16																					
09/06/16					72	63	1950	404	163	172	5784	1165	179	330	7711	1342	52	100	3690	480	
09/07/16					157	253	3988	825													
09/08/16																					
09/09/16																					
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09/15/16																					
09/16/16																					
09/17/16																					
09/18/16																					
09/19/16																					
09/20/16	70	314	3512	275																	

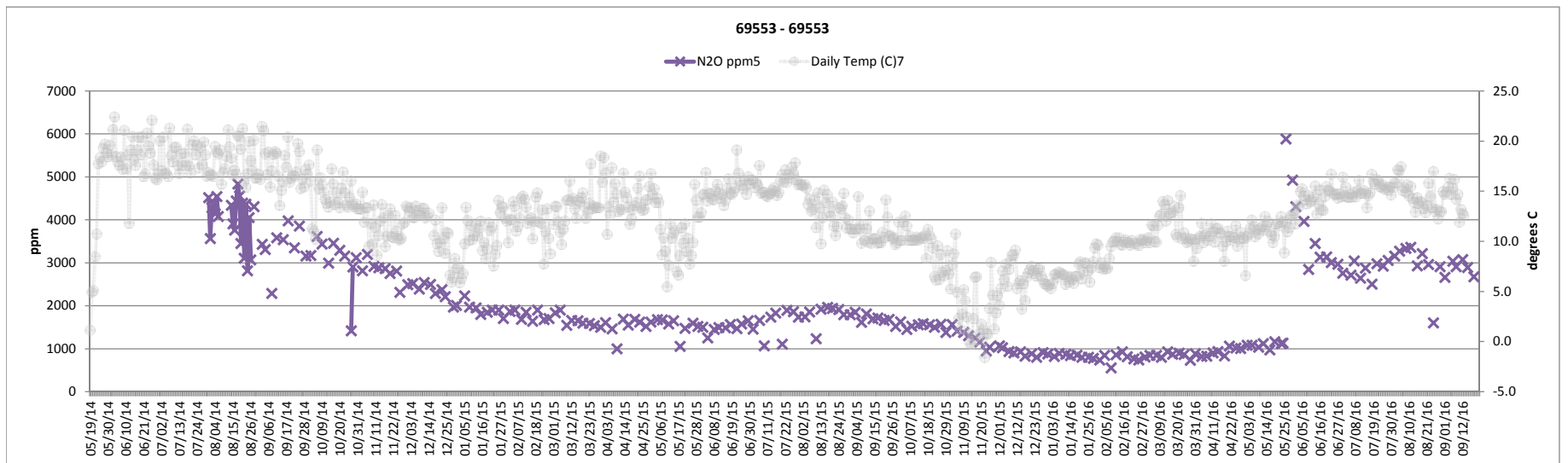
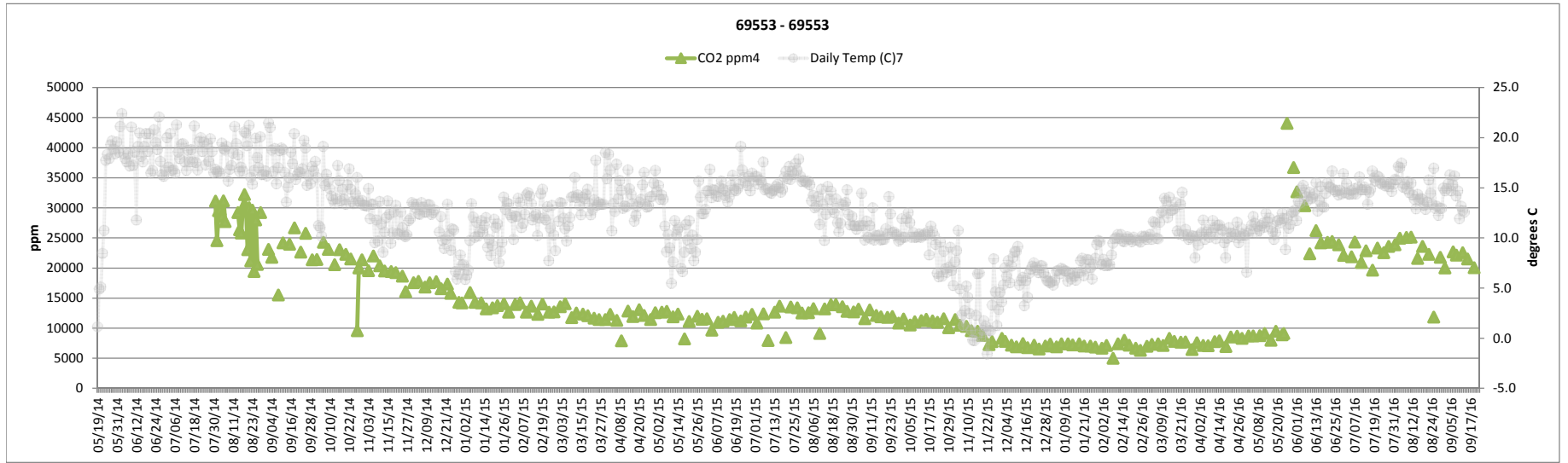
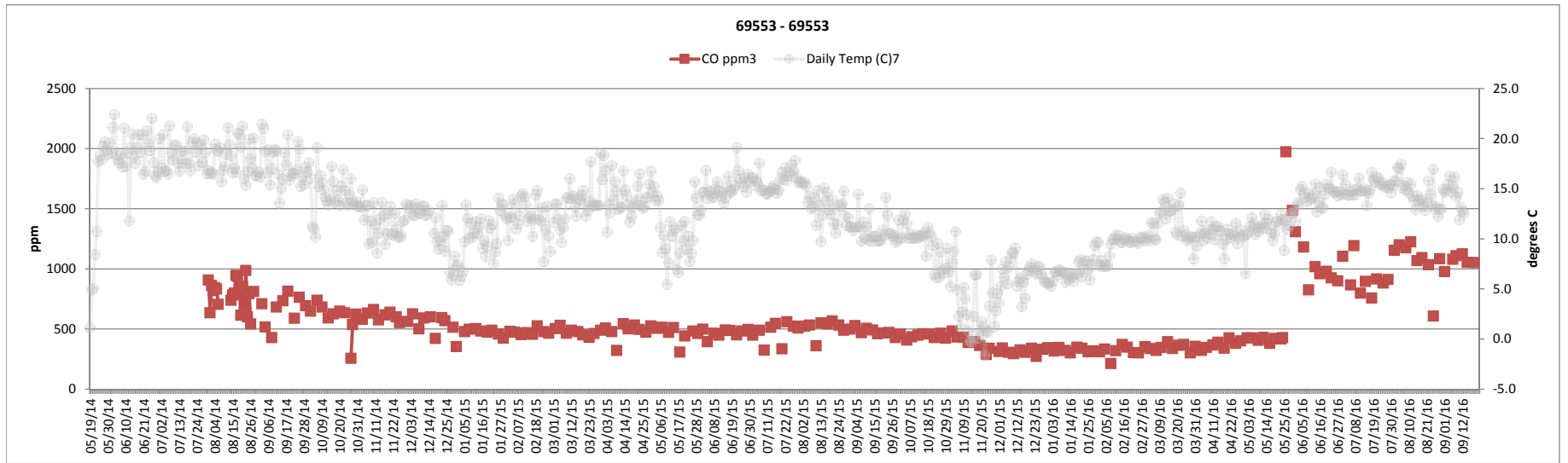
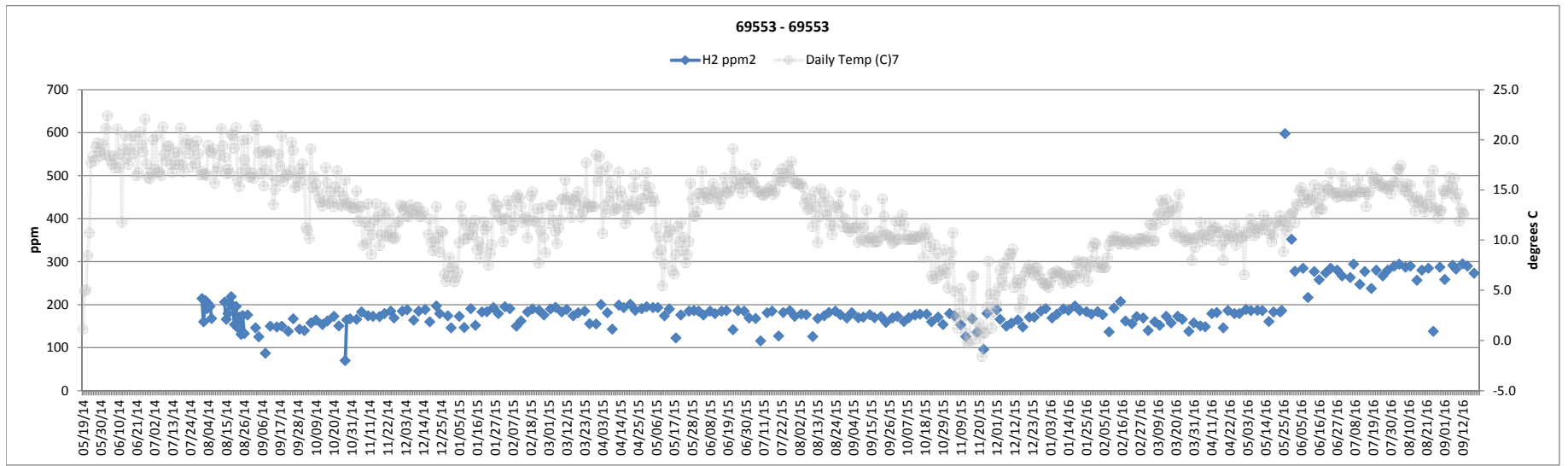
Remediated Nitrate Salt Container Headspace Gas and Temperature



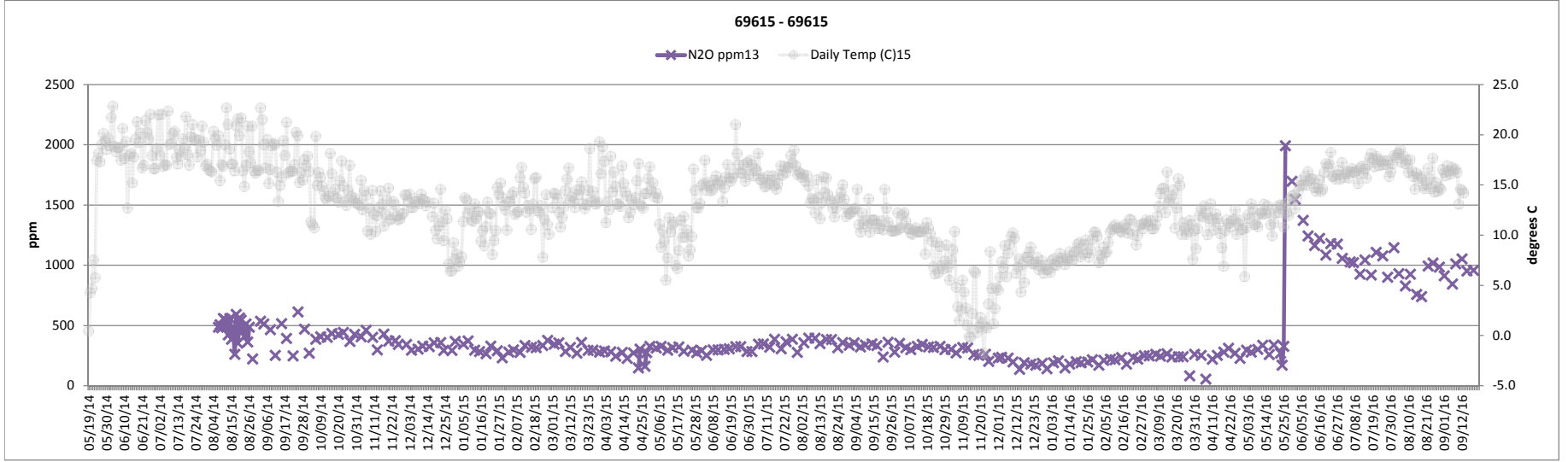
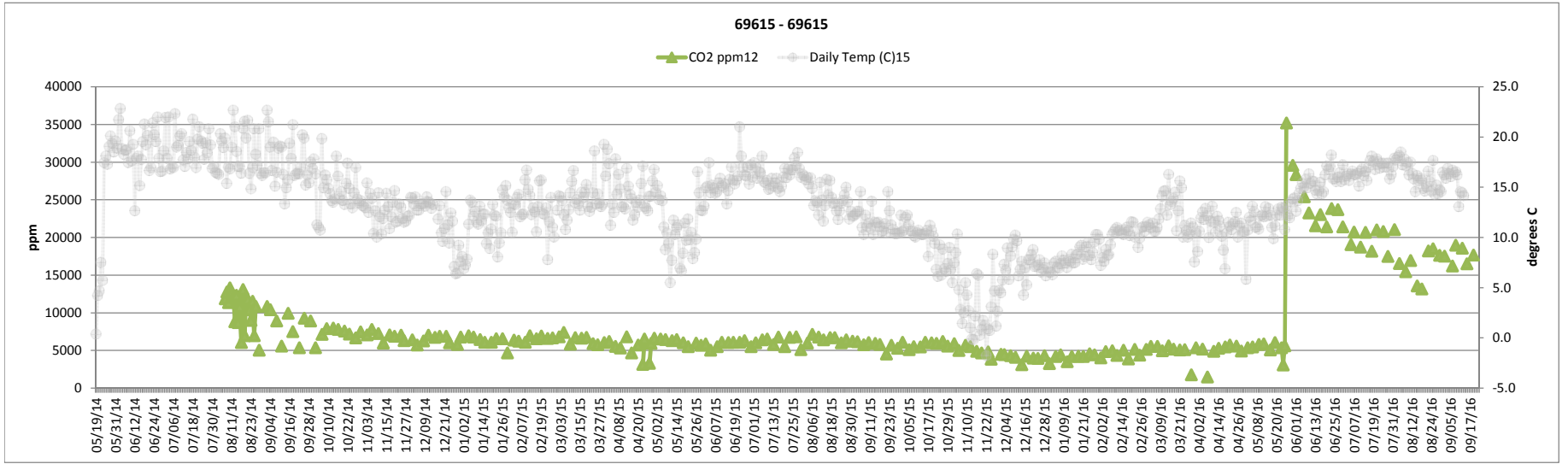
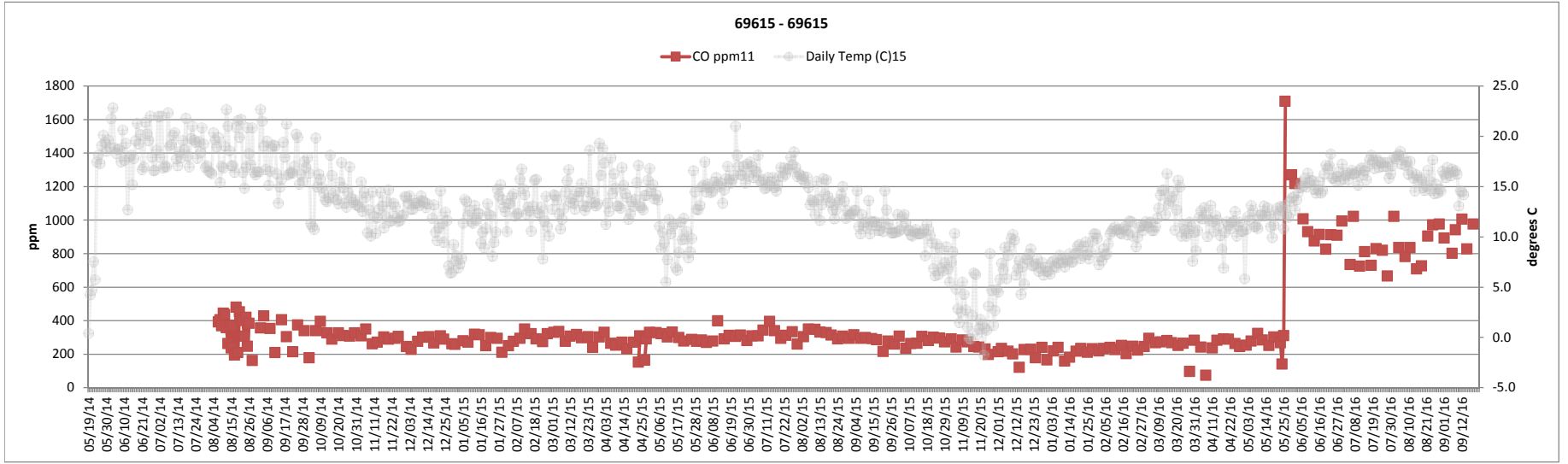
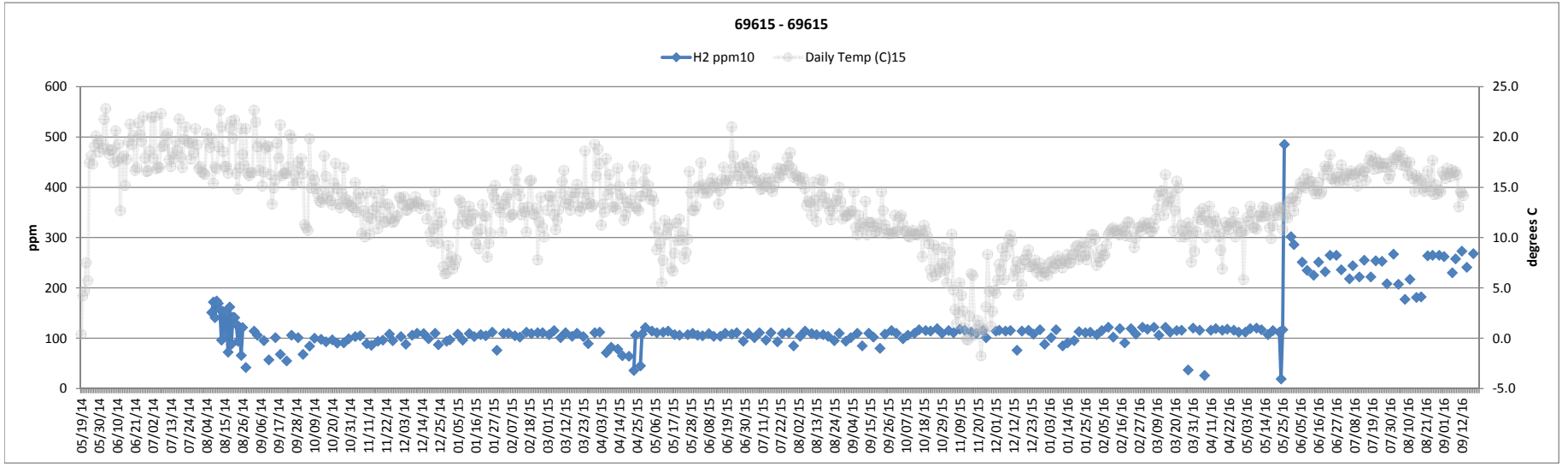
Remediated Nitrate Salt Container Headspace Gas and Temperature



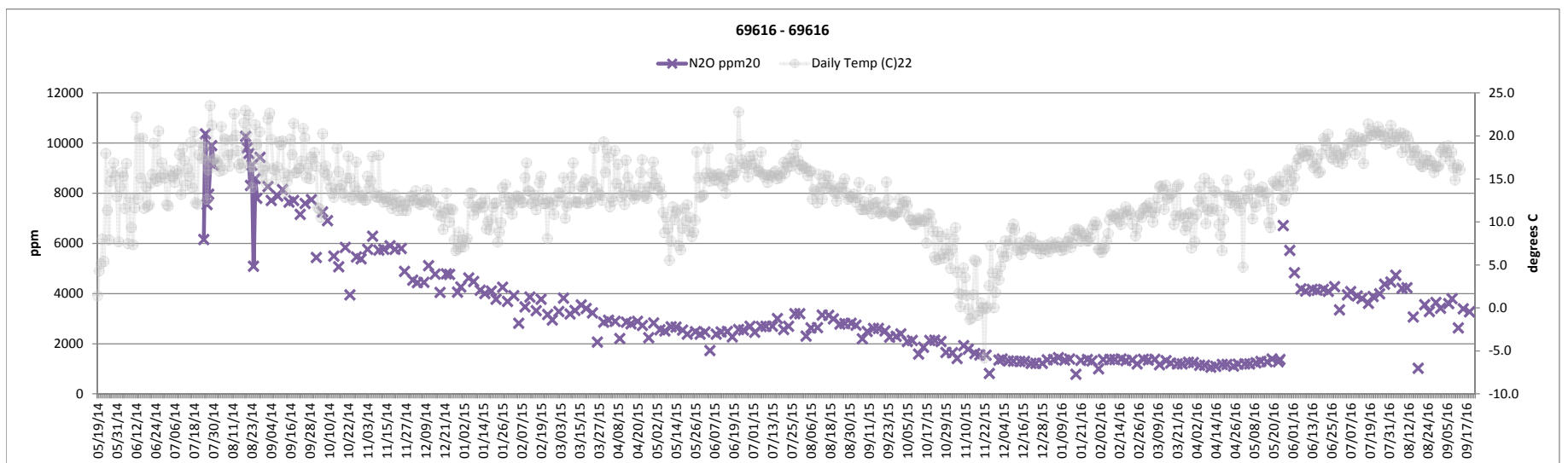
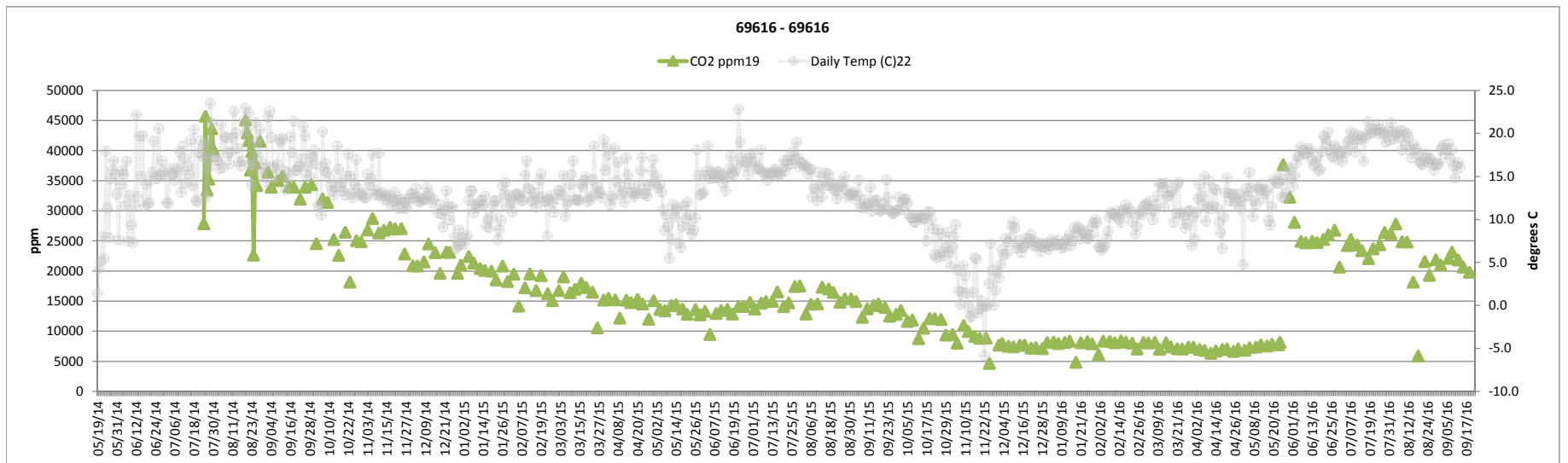
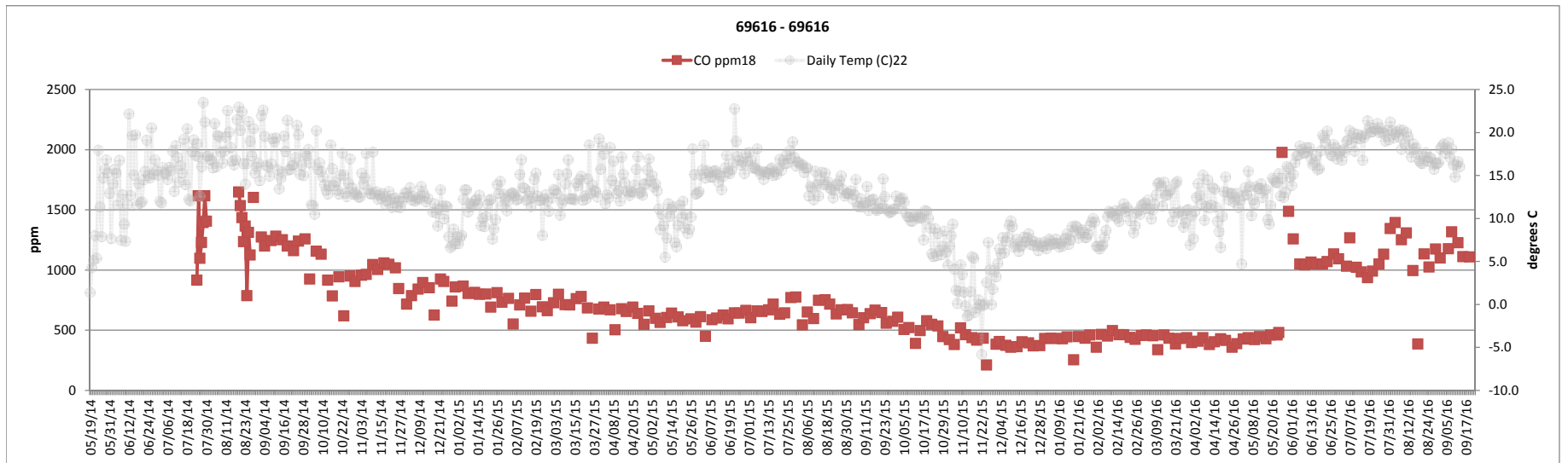
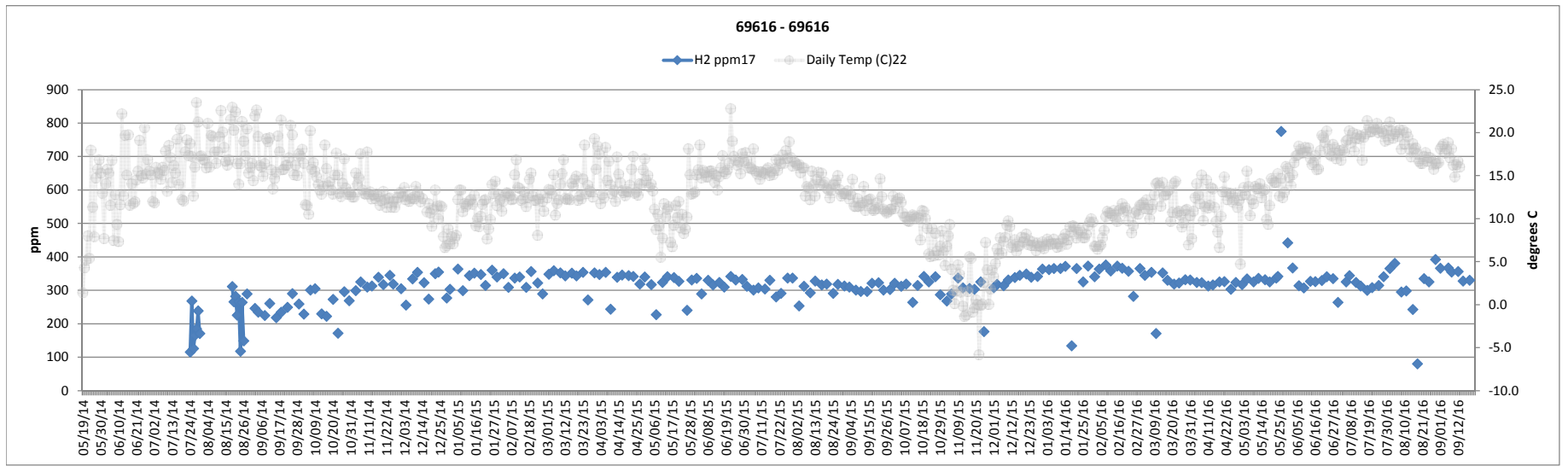
Remediated Nitrate Salt Container Headspace Gas and Temperature



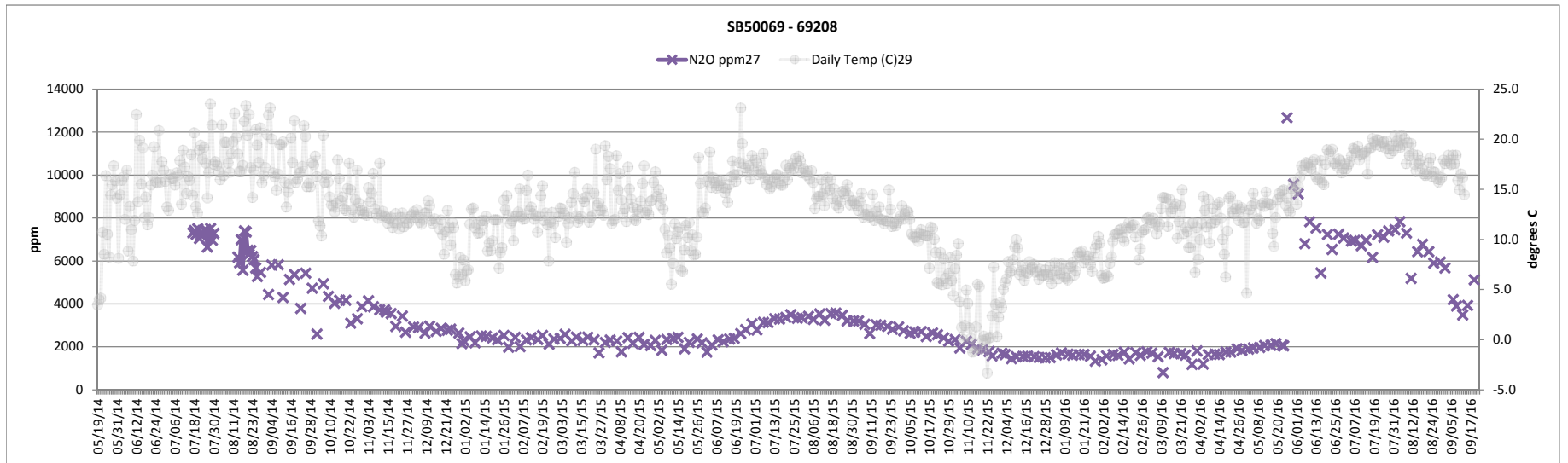
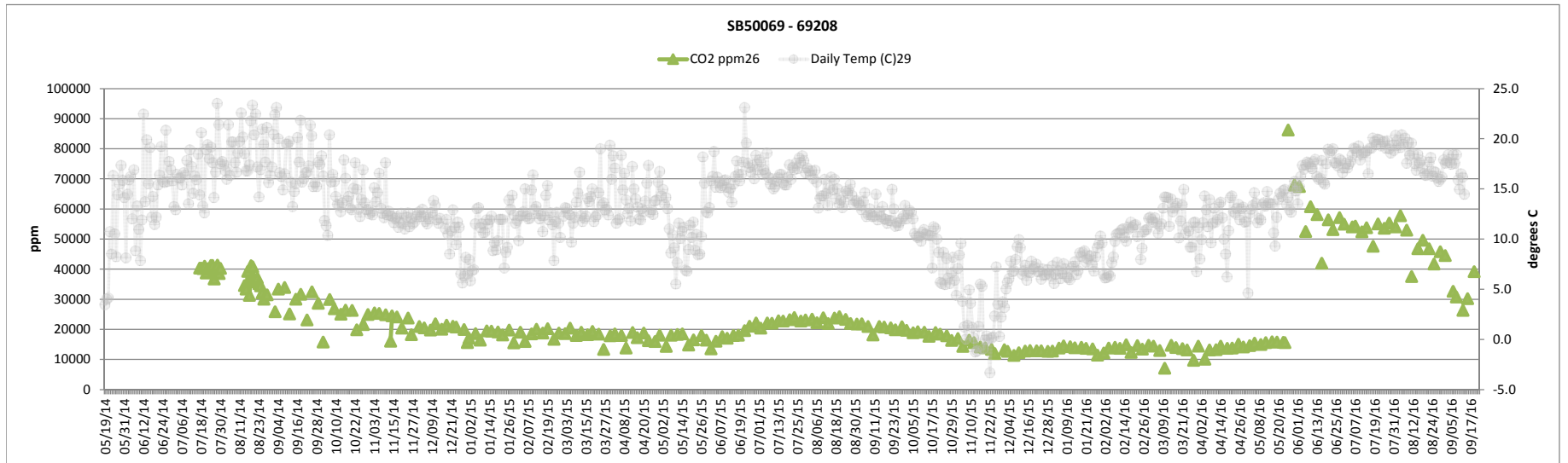
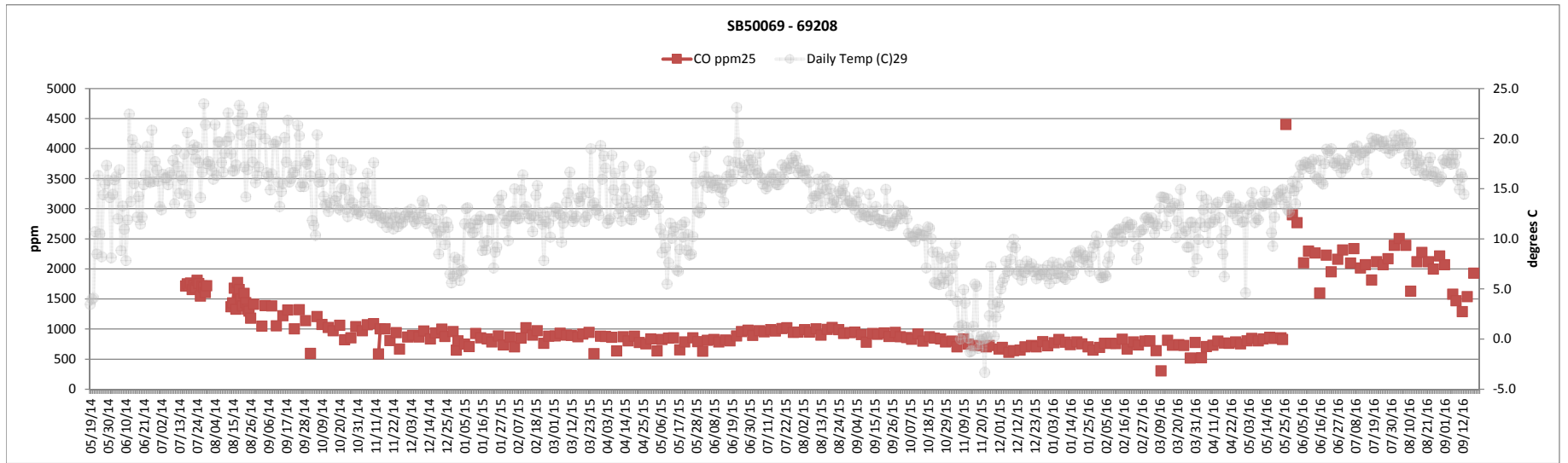
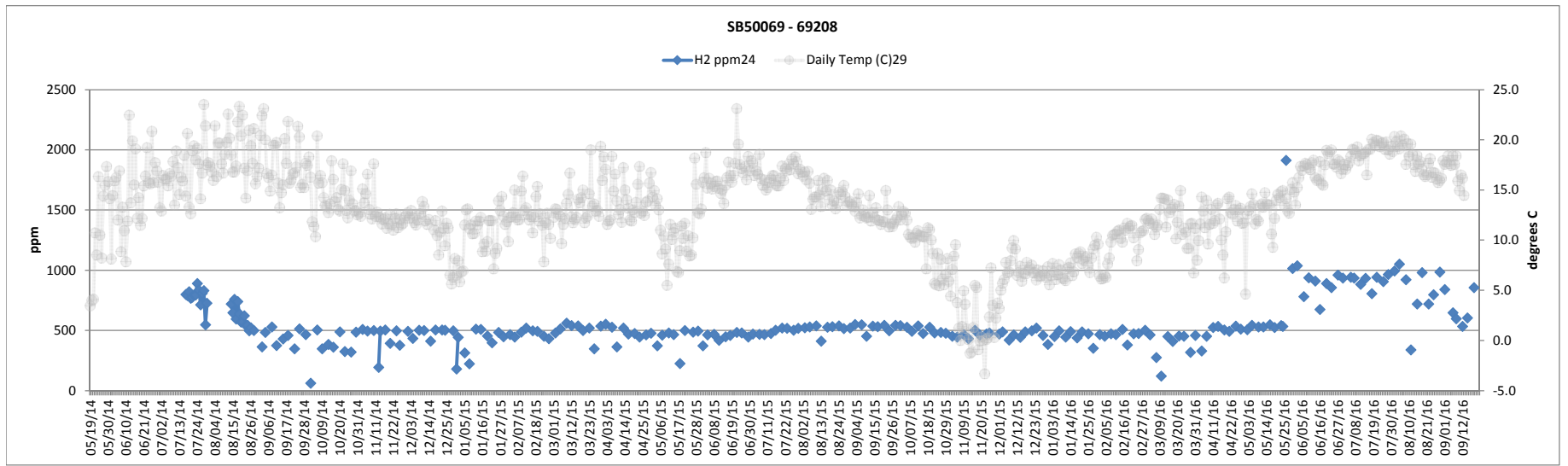
Remediated Nitrate Salt Container Headspace Gas and Temperature



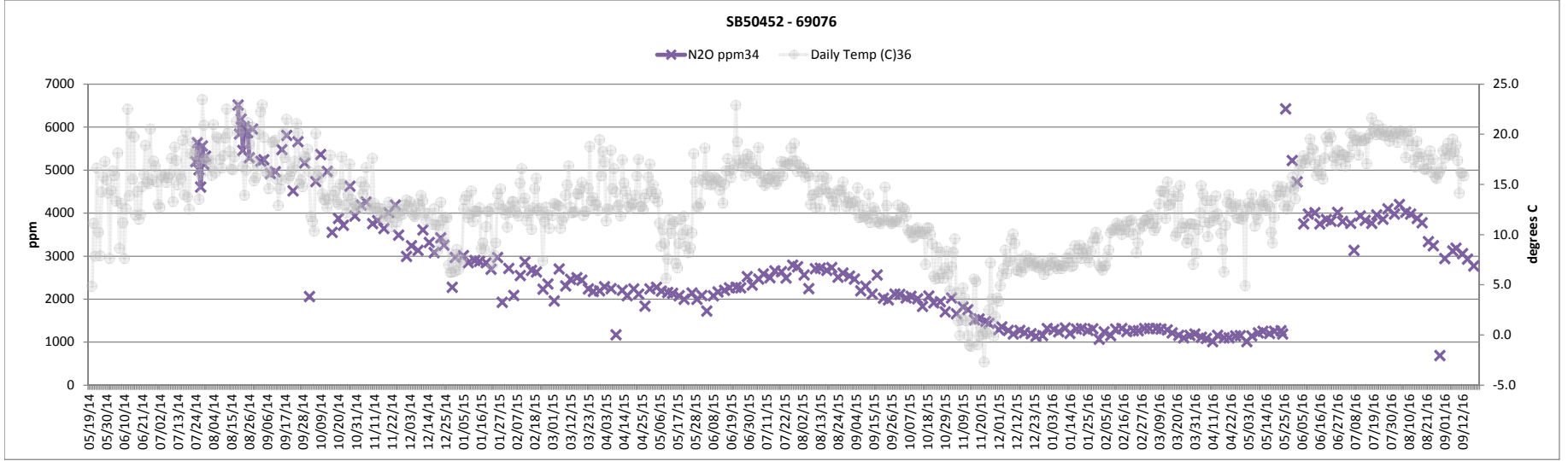
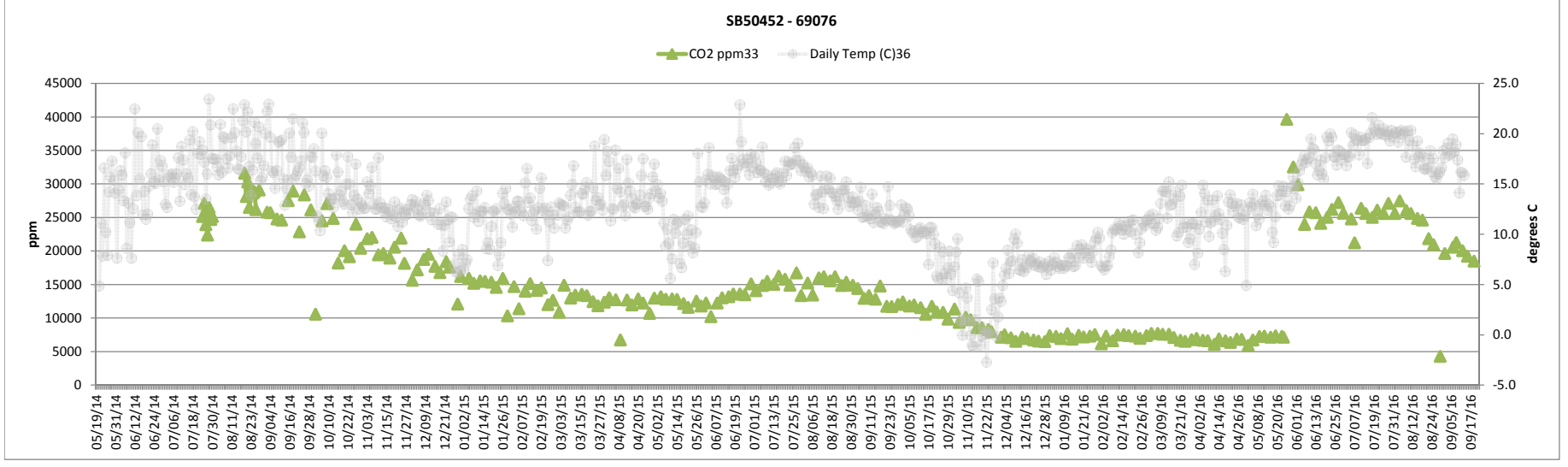
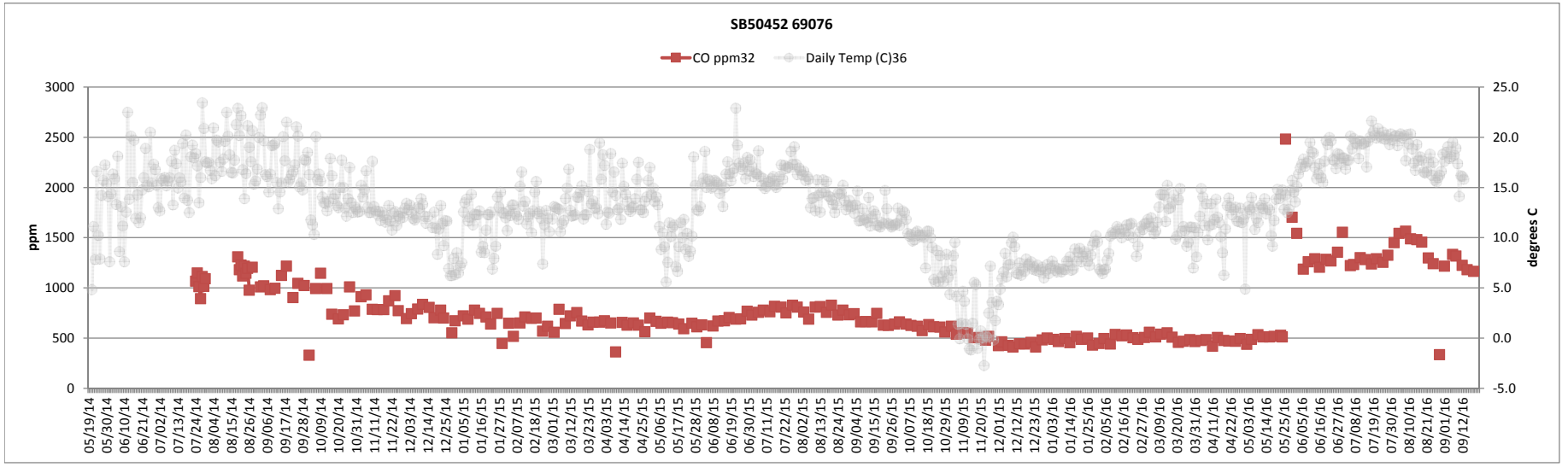
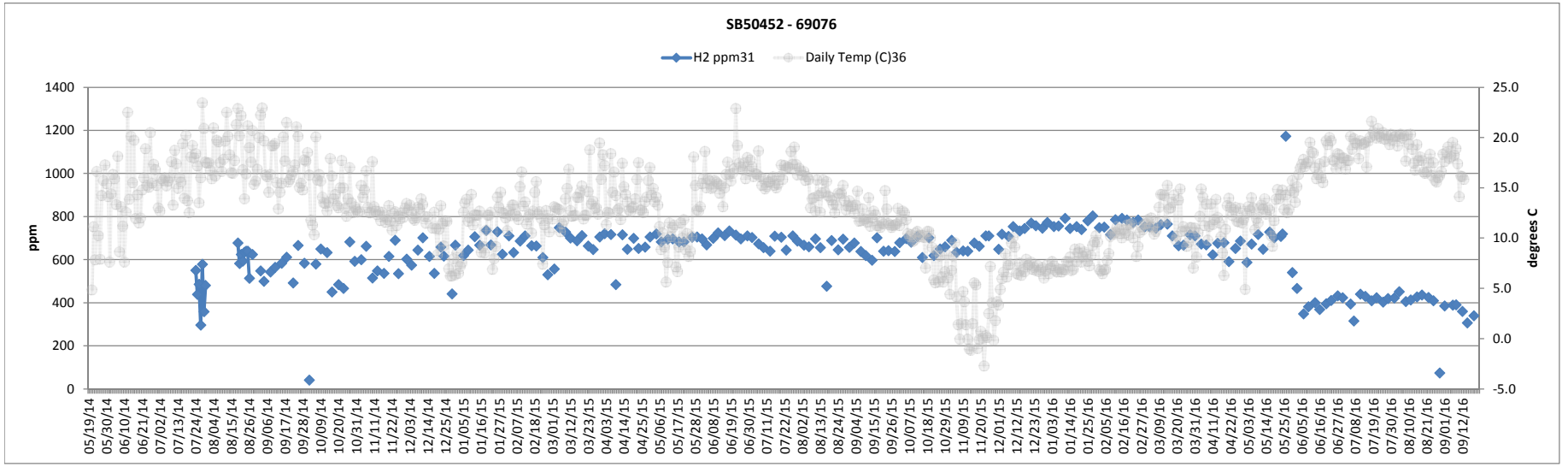
Remediated Nitrate Salt Container Headspace Gas and Temperature



Remediated Nitrate Salt Container Headspace Gas and Temperature



Remediated Nitrate Salt Container Headspace Gas and Temperature



UET

ATTACHMENT 2
 Page 1 of 3

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

NOTE SWB drum 69417 is no longer considered a RNS drum by LANL or NMED. Containers marked by an (*) are POCs.

	Monday 6.[4] Date & Start Time: 8-15-16 / 1352	Tuesday 6.[4] Date & Start Time: 8-16-16 / 1324	Wednesday 6.[4] Date & Start Time: 8-17-16 / 1338	Thursday 6.[4] Date & Start Time: 8-18-16 / 1425	Friday 6.[4] Date & Start Time: 8-19-16 / 1311	Saturday 6.[4] Date & Start Time: 8-20-16 / 1114	Sunday 6.[4] Date & Start Time: 8-21-16 / 1310
TA-54-0375 Cell 1							
Calibrated infrared thermometer (4.2.1[2][B])	Brand <u>FLUKE</u> Model <u>561</u> Cal. Due Date <u>10-21-16</u> File Number <u>101912</u>	Brand <u>FLUKE</u> Model <u>561</u> Cal. Due Date <u>10-21-16</u> File Number <u>101912</u>	Brand <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>10-21-16</u> File Number <u>101912</u>	Brand <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>10-21-16</u> File Number <u>101912</u>	Brand <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>10-21-16</u> File Number <u>101912</u>	Brand <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>10-21-16</u> File Number <u>101912</u>	Brand <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>10-21-16</u> File Number <u>101912</u>
Ambient Temperature (6.15)	<u>67.5</u> °F	<u>65.3</u> °F	<u>66.2</u> °F	<u>64.0</u> °F	<u>62.9</u> °F	<u>62.3</u> °F	<u>63.0</u> °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.6)	<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 #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
68685	<u>67.7</u>	<u>65.7</u>	<u>65.9</u>	<u>63.7</u>	<u>64.2</u>	<u>62.1</u>	<u>63.5</u>
LA00000070503	68540 <u>67.0</u>	<u>65.4</u>	<u>65.7</u>	<u>64.4</u>	<u>62.9</u>	<u>62.5</u>	<u>61.7</u>
	68553 <u>66.1</u>	<u>65.0</u>	<u>65.5</u>	<u>64.3</u>	<u>62.6</u>	<u>62.2</u>	<u>62.7</u>
69445	<u>67.6</u>	<u>65.1</u>	<u>66.5</u>	<u>64.2</u>	<u>65.0</u>	<u>63.6</u>	<u>62.9</u>
69618	<u>66.9</u>	<u>65.7</u>	<u>64.9</u>	<u>64.3</u>	<u>63.4</u>	<u>62.8</u>	<u>62.7</u>
69013	<u>66.7</u>	<u>63.5</u>	<u>66.3</u>	<u>65.0</u>	<u>63.0</u>	<u>62.7</u>	<u>63.8</u>
LASB50522 69076	<u>66.6</u>	<u>64.0</u>	<u>64.7</u>	<u>66.5</u>	<u>62.6</u>	<u>61.9</u>	<u>62.1</u>
LASB50452 69490	<u>66.7</u>	<u>63.9</u>	<u>64.5</u>	<u>63.9</u>	<u>61.8</u>	<u>61.6</u>	<u>61.8</u>
LASB50431 69280	<u>65.1</u>	<u>63.3</u>	<u>64.9</u>	<u>62.9</u>	<u>61.5</u>	<u>60.8</u>	<u>60.9</u>
LASB50069 69208	<u>65.1</u>	<u>63.7</u>	<u>64.1</u>	<u>62.7</u>	<u>61.7</u>	<u>61.4</u>	<u>61.7</u>
LASB50073 69079	<u>67.6</u>	<u>63.1</u>	<u>65.2</u>	<u>63.7</u>	<u>62.5</u>	<u>61.8</u>	<u>61.8</u>
69636	<u>65.5</u>	<u>63.1</u>	<u>64.2</u>	<u>62.5</u>	<u>61.2</u>	<u>61.2</u>	<u>61.2</u>

Z# 311676

INITIAL MZ DATE 8-15-16

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Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
TA-54-0375 Cell 1 (continued)							
69616	65.7	64.5	64.8	63.5	62.0	61.6	61.5
69417	N/A	N/A	N/A	N/A	N/A	N/A	N/A
69620	66.8	64.5	65.1	64.0	62.4	62.1	62.6
69520	66.4	65.0	64.8	64.2	63.5	61.3	61.4
69641	65.4	64.2	65.4	63.7	62.6	61.4	62.0
69298	65.1	63.2	63.6	62.7	62.5	61.0	61.3
LASB02203 92669	64.9	62.3	63.5	60.7	60.2	60.8	60.2
End Time (6.[14])	1357	1326	1344	1430	1315	1118	1315
6.[14]	WO: <u>MZ</u> WO: <u>LM</u>	WO: <u>MZ</u> WO: <u>LM</u>	WO: <u>EP</u> WO: <u>FA</u>	WO: <u>EP</u> WO: <u>FA</u>	WO: <u>EP</u> WO: <u>FA</u>	WO: <u>EP</u> WO: <u>FA</u>	WO: <u>EP</u> WO: <u>FA</u>

Comments: NC

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6.[18] Performed by:

MATHEW ZOCCO	<i>[Signature]</i>	1311676	MZ	18-15-16
Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	<i>[Signature]</i>	199526	LM	18-15-16
Waste Operator (print)	Signature	Z#	Initials	Date
MATHEW ZOCCO	<i>[Signature]</i>	1311676	MZ	18-16-16
Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	<i>[Signature]</i>	199576	LM	18-16-16
Waste Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	<i>[Signature]</i>	100497	EP	18-17-16
Waste Operator (print)	Signature	Z#	Initials	Date
Fabian Anaya	<i>[Signature]</i>	174903	FA	18-17-16
Waste Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	<i>[Signature]</i>	100497	EP	18-18-16
Waste Operator (print)	Signature	Z#	Initials	Date

Fabian Anaya	<i>[Signature]</i>	174903	FA	18-19-16
Waste Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	<i>[Signature]</i>	100497	EP	18-19-16
Waste Operator (print)	Signature	Z#	Initials	Date
Fabian Anaya	<i>[Signature]</i>	174903	FA	18-19-16
Waste Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	<i>[Signature]</i>	100497	EP	18-20-16
Waste Operator (print)	Signature	Z#	Initials	Date
Fabian Anaya	<i>[Signature]</i>	174903	FA	18-20-16
Waste Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	<i>[Signature]</i>	100497	EP	18-21-16
Waste Operator (print)	Signature	Z#	Initials	Date
Fabian Anaya	<i>[Signature]</i>	174903	FA	18-21-16
Waste Operator (print)	Signature	Z#	Initials	Date

9.1[2] Reviewed by:

SOM (print)	Signature	Z#	Initials	Date
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TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE Containers marked by an (*) are POC's.

		Monday 6.[4] Date & Start Time 8-15-16 1348	Tuesday 6.[4] Date & Start Time: 8-16-16 1320	Wednesday 6.[4] Date & Start Time: 8-17-16 / 1331	Thursday 6.[4] Date & Start Time: 8-18-16 / 1417	Friday 6.[4] Date & Start Time: 8-19-16 / 1305	Saturday 6.[4] Date & Start Time: 8-20-16 / 1306	Sunday 6.[4] Date & Start Time: 8-21-16 / 1305
TA-54-0375 Cell 2								
Calibrated infrared thermometer (4.2.1 2 B)		Brand <u>FLUKE</u> Model <u>561</u> Cal Due Date <u>1-28-17</u> File Number <u>104841</u>	Brand <u>FLUKE</u> Model <u>561</u> Cal Due Date <u>1-28-17</u> File Number <u>104841</u>	Brand <u>Fluke</u> Model <u>561</u> Cal Due Date <u>1-28-17</u> File Number <u>104841</u>	Brand <u>Fluke</u> Model <u>561</u> Cal Due Date <u>1-28-17</u> File Number <u>104841</u>	Brand <u>Fluke</u> Model <u>561</u> Cal Due Date <u>1-28-17</u> File Number <u>104841</u>	Brand <u>Fluke</u> Model <u>561</u> Cal Due Date <u>1-28-17</u> File Number <u>104841</u>	Brand <u>Fluke</u> Model <u>561</u> Cal Due Date <u>1-28-17</u> File Number <u>104841</u>
Ambient Temperature (6.[5])		<u>60.3</u> °F	<u>59.2</u> °F	<u>59.1</u> °F	<u>58.4</u> °F	<u>57.8</u> °F	<u>59.0</u> °F	<u>57.2</u> °F
(S) Temperature ≤ 75°F SR 4 ESS 5 1 (6 [6])		<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 #		Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
LASB02198	68408	<u>66.6</u>	<u>54.9</u>	<u>56.4</u>	<u>55.3</u>	<u>54.8</u>	<u>54.1</u>	<u>54.5</u>
	68638	<u>58.2</u>	<u>56.9</u>	<u>57.2</u>	<u>57.9</u>	<u>56.5</u>	<u>59.3</u>	<u>56.5</u>
	69615	<u>61.1</u>	<u>60.2</u>	<u>60.6</u>	<u>60.2</u>	<u>58.8</u>	<u>59.3</u>	<u>59.0</u>
	69635	<u>62.2</u>	<u>60.2</u>	<u>60.1</u>	<u>60.3</u>	<u>59.0</u>	<u>57.7</u>	<u>58.2</u>
	69642	<u>62.6</u>	<u>60.9</u>	<u>61.7</u>	<u>61.3</u>	<u>59.7</u>	<u>59.0</u>	<u>59.5</u>
	69630	<u>60.4</u>	<u>58.8</u>	<u>59.5</u>	<u>59.6</u>	<u>58.2</u>	<u>57.8</u>	<u>58.1</u>
	69633	<u>60.7</u>	<u>59.0</u>	<u>59.6</u>	<u>59.4</u>	<u>58.0</u>	<u>57.4</u>	<u>58.3</u>
	68430	<u>61.7</u>	<u>59.3</u>	<u>60.5</u>	<u>60.5</u>	<u>59.0</u>	<u>58.1</u>	<u>58.7</u>
	68631	<u>58.5</u>	<u>56.4</u>	<u>57.2</u>	<u>56.4</u>	<u>55.5</u>	<u>54.6</u>	<u>55.7</u>
	69634	<u>57.7</u>	<u>56.0</u>	<u>55.0</u>	<u>55.1</u>	<u>54.0</u>	<u>54.0</u>	<u>54.2</u>
	68567	<u>57.2</u>	<u>56.1</u>	<u>56.9</u>	<u>56.5</u>	<u>55.4</u>	<u>56.0</u>	<u>56.5</u>
	94227	<u>57.7</u>	<u>56.2</u>	<u>56.7</u>	<u>57.1</u>	<u>55.7</u>	<u>55.0</u>	<u>55.6</u>
LASB50442	68648	<u>59.0</u>	<u>57.3</u>	<u>58.8</u>	<u>58.1</u>	<u>57.7</u>	<u>57.0</u>	<u>57.1</u>
	69644	<u>59.3</u>	<u>57.9</u>	<u>58.7</u>	<u>58.6</u>	<u>57.3</u>	<u>56.2</u>	<u>57.0</u>
LASB50443	69183	<u>60.4</u>	<u>59.4</u>	<u>59.9</u>	<u>59.2</u>	<u>58.3</u>	<u>57.6</u>	<u>57.9</u>
	69638	<u>60.4</u>	<u>59.0</u>	<u>59.4</u>	<u>59.8</u>	<u>57.7</u>	<u>57.0</u>	<u>57.4</u>

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INITIAL ME DATE 8-15-16

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Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
TA-54-0375 Cell 2 (continued)							
68624	59.8	58.4	59.3	59.8	58.3	57.0	57.9
68507	60.8	59.2	59.8	59.7	58.2	57.4	58.2
69568	58.1	56.9	57.6	58.3	56.0	55.3	56.8
69553	57.8	56.8	57.1	56.9	55.8	55.1	56.4
69598	59.2	57.8	58.2	57.8	57.9	56.4	57.2
LASB50559	92472 58.9	56.1	55.9	55.3	54.7	52.9	53.1
	92459 55.6	54.4	54.6	55.6	53.2	54.0	54.3
69015	60.8	58.8	60.2	59.7	58.4	57.1	58.0
69639	60.6	58.9	58.7	59.3	58.5	57.0	57.4
69637	60.3	58.6	59.5	60.0	57.6	56.9	58.0
End Time (6.[14])	1351	1323	1337	1422	1310	1311	1309
6.[14]	WO: <u>MZ</u> WO: <u>LM</u>	WO: <u>MZ</u> WO: <u>LM</u>	WO: <u>EP</u> WO: <u>FA</u>	WO: <u>EP</u> WO: <u>FA</u>	WO: <u>EP</u> WO: <u>FA</u>	WO: <u>EP</u> WO: <u>FA</u>	WO: <u>EP</u> WO: <u>FA</u>

Comments: N/L

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6.[18] Performed by:

MATTHEW ZOLLO | *Matthew Zollo* | 1311676 | MZ | 18-15-16

Waste Operator (print) | Signature | Z# | Initials | Date

LEON MARTINEZ | *Leon Martinez* | 191526 | LM | 8-15-16

Waste Operator (print) | Signature | Z# | Initials | Date

MATTHEW ZOLLO | *Matthew Zollo* | 1311676 | MZ | 18-16-16

Waste Operator (print) | Signature | Z# | Initials | Date

LEON MARTINEZ | *Leon Martinez* | 191526 | LM | 18-16-16

Waste Operator (print) | Signature | Z# | Initials | Date

EDUARDO PACHECO | *Eduardo Pacheco* | 100497 | EP | 8-17-16

Waste Operator (print) | Signature | Z# | Initials | Date

FABIAN ANAYA | *Fabian Anaya* | 174963 | FA | 8-17-16

Waste Operator (print) | Signature | Z# | Initials | Date

EDUARDO PACHECO | *Eduardo Pacheco* | 100497 | EP | 8-18-16

Waste Operator (print) | Signature | Z# | Initials | Date

Fabian Anaya | *Fabian Anaya* | 174963 | FA | 8-18-16

Waste Operator (print) | Signature | Z# | Initials | Date

EDUARDO PACHECO | *Eduardo Pacheco* | 100497 | EP | 8-19-16

Waste Operator (print) | Signature | Z# | Initials | Date

Fabian Anaya | *Fabian Anaya* | 174963 | FA | 8-19-16

Waste Operator (print) | Signature | Z# | Initials | Date

EDUARDO PACHECO | *Eduardo Pacheco* | 100497 | EP | 8-20-16

Waste Operator (print) | Signature | Z# | Initials | Date

Fabian Anaya | *Fabian Anaya* | 174963 | FA | 8-20-16

Waste Operator (print) | Signature | Z# | Initials | Date

EDUARDO PACHECO | *Eduardo Pacheco* | 100497 | EP | 8-21-16

Waste Operator (print) | Signature | Z# | Initials | Date

Fabian Anaya | *Fabian Anaya* | 174963 | FA | 8-21-16

Waste Operator (print) | Signature | Z# | Initials | Date

9.1[2] Reviewed by:

_____|_____|_____|_____|_____|

SOM (print) | Signature | Z# | Initials | Date

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

NOTE Containers marked by an (*) are POC's.

	Monday 6.[4] Date & Start Time: 8-15-16 1337	Tuesday 6.[4] Date & Start Time: 8-16-16 1314	Wednesday 6.[4] Date & Start Time: 8-17-16 / 1325	Thursday 6.[4] Date & Start Time: 8-18-16 / 1413	Friday 6.[4] Date & Start Time: 8-19-16 / 1300	Saturday 6.[4] Date & Start Time: 8-20-16 / 1300	Sunday 6.[4] Date & Start Time: 8-21-16 / 1300
TA-54-0375 Cell 3							
Calibrated infrared thermometer (4.2.1[2][B])	Brand <u>FLUKE</u> Model <u>561</u> Cal. Due Date <u>1-28-17</u> File Number <u>104841</u>	Brand <u>FLUKE</u> Model <u>561</u> Cal. Due Date <u>1-28-17</u> File Number <u>104841</u>	Brand <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>06-20-17</u> File Number <u>101975</u>	Brand <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>06-20-17</u> File Number <u>101975</u>	Brand <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>06-20-17</u> File Number <u>101975</u>	Brand <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>06-20-17</u> File Number <u>101975</u>	Brand <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>06-20-17</u> File Number <u>101975</u>
Ambient Temperature (6.[5])	<u>65.1</u> °F	<u>63.2</u> °F	<u>63.8</u> °F	<u>64.1</u> °F	<u>60.4</u> °F	<u>61.7</u> °F	<u>60.8</u> °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[6])	<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 #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
69519	<u>63.1</u>	<u>60.7</u>	<u>62.1</u>	<u>62.4</u>	<u>60.2</u>	<u>59.1</u>	<u>58.9</u>
69645	<u>61.1</u>	<u>59.3</u>	<u>60.0</u>	<u>59.0</u>	<u>57.5</u>	<u>57.1</u>	<u>56.9</u>
94068	<u>62.3</u>	<u>60.5</u>	<u>62.1</u>	<u>61.2</u>	<u>59.0</u>	<u>58.4</u>	<u>59.5</u>
93605	<u>63.7</u>	<u>61.2</u>	<u>62.4</u>	<u>61.5</u>	<u>59.2</u>	<u>58.9</u>	<u>59.3</u>
69548	<u>64.6</u>	<u>61.8</u>	<u>62.2</u>	<u>62.5</u>	<u>60.7</u>	<u>59.4</u>	<u>60.6</u>
69604	<u>64.0</u>	<u>61.2</u>	<u>62.3</u>	<u>62.1</u>	<u>59.6</u>	<u>59.7</u>	<u>59.4</u>
LASB50529 68665	<u>61.4</u>	<u>60.1</u>	<u>60.8</u>	<u>60.0</u>	<u>59.2</u>	<u>58.6</u>	<u>58.3</u>
LASB50418 69595	<u>63.3</u>	<u>61.5</u>	<u>61.9</u>	<u>62.0</u>	<u>60.1</u>	<u>58.9</u>	<u>59.1</u>
69036	<u>63.4</u>	<u>61.7</u>	<u>62.5</u>	<u>62.9</u>	<u>61.0</u>	<u>60.1</u>	<u>60.4</u>
LASB50451 69361	<u>63.9</u>	<u>61.7</u>	<u>62.4</u>	<u>62.5</u>	<u>60.3</u>	<u>59.4</u>	<u>59.9</u>
69559	<u>63.7</u>	<u>61.8</u>	<u>62.6</u>	<u>62.7</u>	<u>59.8</u>	<u>59.7</u>	<u>60.0</u>
LASB50448 69491	<u>63.2</u>	<u>61.7</u>	<u>62.9</u>	<u>62.3</u>	<u>59.9</u>	<u>59.1</u>	<u>59.9</u>

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Z# 311676

INITIAL MZ DATE 8-15-16

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Container ID #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
TA-54-0375 Cell 3 (continued)							
87827	66.6	62.9	64.9	63.5	61.8	60.4	62.5
87826	65.8	62.9	64.4	63.4	61.4	60.7	61.3
87823	66.8	63.1	64.8	63.9	61.7	61.4	62.5
87825	65.5	65.1	65.6	64.7	64.1	61.6	62.3
End Time (6.[14])	1343	1319	1330	1416	1304	1305	1304
6.[14]	WO: <u>MZ</u> WO: <u>LM</u>	WO: <u>MZ</u> WO: <u>LM</u>	WO: <u>EP</u> WO: <u>FA</u>	WO: <u>EP</u> WO: <u>FA</u>	WO: <u>EP</u> WO: <u>FA</u>	WO: <u>EP</u> WO: <u>FA</u>	WO: <u>EP</u> WO: <u>FA</u>

Comments: N/C

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6.[18] Performed by:

MATTHEW ZOCLO	<i>Matthew Z</i>	1311676	MZ	18-15-16
Waste Operator (print)	Signature	Z#	Initials	Date
<i>Leon Martinez</i>	<i>Leon Martinez</i>	1191526	LM	8-15-16
Waste Operator (print)	Signature	Z#	Initials	Date
MATTHEW ZOCLO	<i>Matthew Z</i>	1311676	MZ	18-16-16
Waste Operator (print)	Signature	Z#	Initials	Date
<i>Leon Martinez</i>	<i>Leon Martinez</i>	1191526	LM	8-16-16
Waste Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	<i>Edward Pacheco</i>	100497	EP	8-17-16
Waste Operator (print)	Signature	Z#	Initials	Date
Fabian Anaya	<i>Fabian Anaya</i>	1174963	FA	8-17-16
Waste Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	<i>Edward Pacheco</i>	100497	EP	8-18-16
Waste Operator (print)	Signature	Z#	Initials	Date

Fabian Anaya	<i>Fabian Anaya</i>	1174963	FA	18-18-16
Waste Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	<i>Edward Pacheco</i>	100497	EP	8-19-16
Waste Operator (print)	Signature	Z#	Initials	Date
Fabian Anaya	<i>Fabian Anaya</i>	1174963	FA	8-19-16
Waste Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	<i>Edward Pacheco</i>	100497	EP	8-20-16
Waste Operator (print)	Signature	Z#	Initials	Date
Fabian Anaya	<i>Fabian Anaya</i>	1174963	FA	8-20-16
Waste Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	<i>Edward Pacheco</i>	100497	EP	8-21-16
Waste Operator (print)	Signature	Z#	Initials	Date
Fabian Anaya	<i>Fabian Anaya</i>	1174963	FA	18-21-16
Waste Operator (print)	Signature	Z#	Initials	Date

9.1[2] Reviewed by:

SOM (print)	Signature	Z#	Initials	Date
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TA-54-0375 CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE SWB/drum 69417 is no longer considered a RNS drum by LANL or NMED. Containers marked by an (*) are POCs.

	Monday 6.[4] Date & Start Time: 8-22-16/1312	Tuesday 6.[4] Date & Start Time: 8-23-16/1405	Wednesday 6.[4] Date & Start Time: 8-24-16/1343	Thursday 6.[4] Date & Start Time: 8-25-16/1314	Friday 6.[4] Date & Start Time: 8-26-16/1316	Saturday 6.[4] Date & Start Time: 8-27-16/1309	Sunday 6.[4] Date & Start Time: 8-28-16/1309
TA-54-0375 Cell 1							
Calibrated infrared thermometer (4.1.2)(B)	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>
Ambient Temperature (6.5)	<u>65.1</u> °F	<u>65.4</u> °F	<u>62.4</u> °F	<u>64.0</u> °F	<u>62.7</u> °F	<u>62.7</u> °F	<u>62.8</u> °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.6)	<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 #	Temp (°F) (6.8)/6.9/6.10)	Temp (°F) (6.8)/6.9/6.10)	Temp (°F) (6.8)/6.9/6.10)	Temp (°F) (6.8)/6.9/6.10)	Temp (°F) (6.8)/6.9/6.10)	Temp (°F) (6.8)/6.9/6.10)	Temp (°F) (6.8)/6.9/6.10)
68685	<u>65.7</u>	<u>65.2</u>	<u>63.5</u>	<u>64.2</u>	<u>63.6</u>	<u>62.8</u>	<u>62.0</u>
LA0000070503	68540 <u>64.2</u>	<u>65.2</u>	<u>61.8</u>	<u>64.2</u>	<u>61.3</u>	<u>61.3</u>	<u>60.2</u>
	68553 <u>64.3</u>	<u>65.2</u>	<u>62.5</u>	<u>63.9</u>	<u>63.3</u>	<u>61.9</u>	<u>61.3</u>
69445	<u>66.0</u>	<u>65.2</u>	<u>63.1</u>	<u>64.0</u>	<u>60.4</u>	<u>62.3</u>	<u>62.3</u>
69618	<u>64.1</u>	<u>64.9</u>	<u>62.3</u>	<u>64.6</u>	<u>61.3</u>	<u>60.6</u>	<u>61.3</u>
69013	<u>64.5</u>	<u>65.8</u>	<u>63.1</u>	<u>63.7</u>	<u>62.5</u>	<u>62.5</u>	<u>62.6</u>
LASB50522	<u>64.1</u>	<u>65.3</u>	<u>62.8</u>	<u>63.5</u>	<u>62.0</u>	<u>61.1</u>	<u>61.3</u>
LASB50452	<u>63.5</u>	<u>65.0</u>	<u>61.2</u>	<u>63.0</u>	<u>60.3</u>	<u>60.0</u>	<u>60.8</u>
LASB50431	<u>62.1</u>	<u>64.1</u>	<u>60.7</u>	<u>62.5</u>	<u>59.9</u>	<u>60.4</u>	<u>59.9</u>
LASB50069	<u>63.8</u>	<u>64.6</u>	<u>61.3</u>	<u>63.8</u>	<u>62.0</u>	<u>60.9</u>	<u>60.3</u>
LASB50073	<u>63.7</u>	<u>64.2</u>	<u>61.7</u>	<u>64.0</u>	<u>61.0</u>	<u>61.4</u>	<u>61.6</u>
69636	<u>63.9</u>	<u>63.9</u>	<u>61.5</u>	<u>64.2</u>	<u>60.5</u>	<u>61.4</u>	<u>60.7</u>

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Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
TA-54-0375 Cell 1 (continued)							
69616	63.0	63.8	62.0	62.8	62.7	61.6	60.3
69417	N/A	N/A	N/A	N/A	N/A	N/A	N/A
69620	65.7	64.3	61.5	63.0	61.7	61.5	62.1
69520	63.2	64.2	61.8	64.1	62.3	60.8	61.1
69641	63.9	63.9	61.3	64.0	61.0	60.4	60.6
69298	63.2	63.6	60.2	63.1	59.0	60.4	59.6
LASB02203 92669	63.1	62.8	59.9	64.7	59.4	59.6	60.7
End Time (6.[14])	1310	1409	1349	1353	1318	1313	1311
6.[14]	WO: <u>Von</u> WO: <u>FA</u>	WO: <u>Von</u> WO: <u>LM</u>	WO: <u>Von</u> WO: <u>FA</u>	WO: <u>Von</u> WO: <u>LM</u>	WO: <u>MZ</u> WO: <u>FA</u>	WO: <u>MZ</u> WO: <u>FA</u>	WO: <u>MZ</u> WO: <u>FA</u>

Comments: N/C

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6.1[18] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
Valerie Martinez	<i>Valerie Martinez</i>	1539958	VM	8/22/16
Waste Operator (print)	Signature	Z#	Initials	Date
Fabian Aways	<i>Fabian Aways</i>	1174963	FA	18-22-16
Waste Operator (print)	Signature	Z#	Initials	Date
Valerie Martinez	<i>Valerie Martinez</i>	1539958	VM	8/23/16
Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	<i>Leon Montoya</i>	1195761	LM	18-23-16
Waste Operator (print)	Signature	Z#	Initials	Date
Valerie Martinez	<i>Valerie Martinez</i>	1539958	VM	8/24/16
Waste Operator (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	18-24-16
Waste Operator (print)	Signature	Z#	Initials	Date
Valerie Martinez	<i>Valerie Martinez</i>	1539958	VM	8/25/16
Waste Operator (print)	Signature	Z#	Initials	Date

Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	<i>Leon Montoya</i>	1195761	LM	18-25-16
Waste Operator (print)	Signature	Z#	Initials	Date
MATTHEW ZOLLO	<i>Matthew Zollo</i>	1311676	MZ	18-26-16
Waste Operator (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	18-26-16
Waste Operator (print)	Signature	Z#	Initials	Date
MATTHEW ZOLLO	<i>Matthew Zollo</i>	1311676	MZ	18-27-16
Waste Operator (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	18-27-16
Waste Operator (print)	Signature	Z#	Initials	Date
MATTHEW ZOLLO	<i>Matthew Zollo</i>	1311676	MZ	18-28-16
Waste Operator (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	18-28-16
Waste Operator (print)	Signature	Z#	Initials	Date

9.1[2] Reviewed by:

SOM (print)	Signature	Z#	Initials	Date

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

NOTE Containers marked by an (*) are POCs.

		Monday 6.[4] Date & Start Time: 8-22-16/1317	Tuesday 6.[4] Date & Start Time: 8-23-16/1411	Wednesday 6.[4] Date & Start Time: 8-24-16/1350	Thursday 6.[4] Date & Start Time: 8-25-16/1354	Friday 6.[4] Date & Start Time: 8-26-16/1312	Saturday 6.[4] Date & Start Time: 8-27-16/1314	Sunday 6.[4] Date & Start Time: 8-28-16/1304
TA-54-0375 Cell 2								
Calibrated infrared thermometer (4.2.1[2][B])		Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number <u>101912</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number <u>101912</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>
Ambient Temperature (6.[5])		<u>61.7</u> °F	<u>58.7</u> °F	<u>58.8</u> °F	<u>62.8</u> °F	<u>57.2</u> °F	<u>57.5</u> °F	<u>58.5</u> °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[6])		<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 #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
LASB02198	68408	<u>60.4</u>	<u>55.2</u>	<u>54.8</u>	<u>62.9</u>	<u>54.5</u>	<u>58.1</u>	<u>54.9</u>
	68638	<u>59.8</u>	<u>57.6</u>	<u>56.0</u>	<u>63.5</u>	<u>56.1</u>	<u>55.6</u>	<u>54.6</u>
	69615	<u>61.9</u>	<u>60.0</u>	<u>58.3</u>	<u>63.8</u>	<u>57.7</u>	<u>59.4</u>	<u>57.8</u>
	69635	<u>62.0</u>	<u>60.5</u>	<u>59.1</u>	<u>63.7</u>	<u>58.2</u>	<u>58.5</u>	<u>57.3</u>
	69642	<u>62.2</u>	<u>61.7</u>	<u>59.9</u>	<u>64.0</u>	<u>58.8</u>	<u>58.9</u>	<u>57.8</u>
	69630	<u>61.8</u>	<u>59.3</u>	<u>58.3</u>	<u>63.5</u>	<u>57.8</u>	<u>57.6</u>	<u>56.9</u>
	69633	<u>62.0</u>	<u>59.9</u>	<u>58.0</u>	<u>62.7</u>	<u>57.6</u>	<u>57.7</u>	<u>57.0</u>
	68430	<u>62.2</u>	<u>61.4</u>	<u>58.5</u>	<u>63.8</u>	<u>58.9</u>	<u>58.6</u>	<u>58.5</u>
	68631	<u>59.2</u>	<u>57.8</u>	<u>55.5</u>	<u>62.7</u>	<u>55.8</u>	<u>55.7</u>	<u>54.9</u>
	69634	<u>59.8</u>	<u>55.2</u>	<u>55.8</u>	<u>61.4</u>	<u>53.3</u>	<u>53.5</u>	<u>54.2</u>
	68567	<u>60.5</u>	<u>56.4</u>	<u>55.2</u>	<u>61.6</u>	<u>55.1</u>	<u>54.5</u>	<u>54.4</u>
	94227	<u>59.8</u>	<u>57.0</u>	<u>56.9</u>	<u>62.1</u>	<u>55.7</u>	<u>55.8</u>	<u>56.0</u>
LASB50442	68648	<u>61.1</u>	<u>58.6</u>	<u>56.6</u>	<u>61.5</u>	<u>56.2</u>	<u>56.8</u>	<u>54.6</u>
	69644	<u>60.7</u>	<u>60.2</u>	<u>57.7</u>	<u>62.3</u>	<u>56.3</u>	<u>57.2</u>	<u>56.7</u>
LASB50443	69183	<u>61.0</u>	<u>59.9</u>	<u>57.6</u>	<u>62.7</u>	<u>57.4</u>	<u>57.5</u>	<u>57.1</u>
	69638	<u>60.9</u>	<u>60.1</u>	<u>57.5</u>	<u>62.3</u>	<u>57.6</u>	<u>57.2</u>	<u>57.9</u>

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Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
TA-54-0375 Cell 2 (continued)							
68624	61.0	59.5	57.8	60.1	58.1	58.7	57.2
68507	61.4	60.2	58.0	61.2	57.4	58.0	56.7
69568	60.9	57.3	57.2	61.7	56.1	56.1	56.4
69553	60.4	58.0	56.0	62.5	55.3	55.7	54.0
69598	61.4	57.8	57.1	61.4	57.9	57.6	56.0
LASB50559	92472	59.5	55.0	61.2	54.9	54.4	53.0
	92459	59.4	55.1	53.2	62.3	54.1	53.1
69015	60.7	60.0	58.4	61.6	57.6	57.8	57.4
69639	60.8	59.6	57.3	62.4	57.4	57.5	56.9
69637	61.0	60.3	58.1	62.4	57.1	57.5	56.6
End Time (6.[14])	1321	1414	1353	1356	1315	1319	1308
6.[14]	WO: <u>YON</u> WO: <u>FA</u>	WO: <u>RP</u> WO: <u>VM</u>	WO: <u>YON</u> WO: <u>FA</u>	WO: <u>YON</u> WO: <u>VM</u>	WO: <u>MZ</u> WO: <u>[Signature]</u>	WO: <u>MZ</u> WO: <u>[Signature]</u>	WO: <u>MZ</u> WO: <u>[Signature]</u>

Comments: N/C

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6.[18] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
Valerie Martinez	<i>Valerie Martinez</i>	1539958	VM	8/22/16
Fabian Anaya	<i>Fabian Anaya</i>	1174903	FA	8-22-16
Edward Pardo	<i>Edward Pardo</i>	1700991	EP	8-23-16
Leon Montoya	<i>Leon Montoya</i>	1915261	LM	8-23-16
Valerie Martinez	<i>Valerie Martinez</i>	1539958	VM	8/24/16
Fabian Anaya	<i>Fabian Anaya</i>	1174903	FA	8-24-16
Valerie Martinez	<i>Valerie Martinez</i>	1539958	VM	8/25/16

Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	<i>Leon Montoya</i>	1915261	LM	8-25-16
MATTHEW ZOCCO	<i>Matthew Zocco</i>	1311676	MZ	18-26-16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	18-26-16
MATTHEW ZOCCO	<i>Matthew Zocco</i>	1311676	MZ	18-27-16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	18-27-16
MATTHEW ZOCCO	<i>Matthew Zocco</i>	1311676	MZ	18-28-16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	18-28-16

9.1[2] Reviewed by:

SOM (print)	Signature	Z#	Initials	Date

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

NOTE Containers marked by an (*) are POCs.

	Monday 6.[4] Date & Start Time: 8-22-10/1322	Tuesday 6.[4] Date & Start Time: 8-23-16/1405	Wednesday 6.[4] Date & Start Time: 8-24-16/1354	Thursday 6.[4] Date & Start Time: 8-25-16/1354	Friday 6.[4] Date & Start Time: 8-26-16/1307	Saturday 6.[4] Date & Start Time: 8-27-16/1320	Sunday 6.[4] Date & Start Time: 8-28-16/1302
TA-54-0375 Cell 3							
Calibrated infrared thermometer (4.2.1[2])(B)	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number: <u>101975</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number: <u>101975</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number: <u>101975</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number: <u>101975</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number: <u>101975</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number: <u>101975</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number: <u>101975</u>
Ambient Temperature (6.[5])	<u>64.8</u> °F	<u>63.2</u> °F	<u>61.8</u> °F	<u>60.4</u> °F	<u>61.5</u> °F	<u>62.6</u> °F	<u>59.7</u> °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[6])	<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 #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
69519	<u>62.5</u>	<u>61.9</u>	<u>59.7</u>	<u>59.7</u>	<u>58.7</u>	<u>58.1</u>	<u>58.3</u>
69645	<u>61.4</u>	<u>59.8</u>	<u>57.0</u>	<u>56.9</u>	<u>57.1</u>	<u>57.9</u>	<u>56.9</u>
94068	<u>62.7</u>	<u>61.2</u>	<u>58.0</u>	<u>58.2</u>	<u>60.3</u>	<u>58.4</u>	<u>57.4</u>
93605	<u>62.9</u>	<u>61.6</u>	<u>59.4</u>	<u>59.9</u>	<u>58.3</u>	<u>59.3</u>	<u>58.6</u>
69548	<u>63.3</u>	<u>62.5</u>	<u>60.2</u>	<u>60.1</u>	<u>57.8</u>	<u>60.1</u>	<u>58.7</u>
69604	<u>64.1</u>	<u>61.4</u>	<u>59.0</u>	<u>60.4</u>	<u>59.4</u>	<u>60.6</u>	<u>59.1</u>
LASB50529 68665	<u>62.0</u>	<u>61.5</u>	<u>58.0</u>	<u>57.9</u>	<u>57.2</u>	<u>59.5</u> <u>60.4</u>	<u>58.7</u>
LASB50418 69595	<u>63.2</u>	<u>61.8</u>	<u>59.0</u>	<u>59.1</u>	<u>58.9</u>	<u>57.8</u> <u>59.6</u>	<u>58.5</u>
69036	<u>63.3</u>	<u>63.1</u>	<u>60.0</u>	<u>59.7</u>	<u>59.4</u>	<u>59.8</u>	<u>58.9</u>
LASB50451 69361	<u>63.5</u>	<u>62.6</u>	<u>60.0</u>	<u>60.0</u>	<u>59.2</u>	<u>60.9</u>	<u>60.0</u>
69559	<u>63.1</u>	<u>62.8</u>	<u>60.2</u>	<u>59.5</u>	<u>59.8</u>	<u>60.2</u>	<u>58.9</u>
LASB50448 69491	<u>64.1</u>	<u>62.1</u>	<u>60.4</u>	<u>60.0</u>	<u>59.5</u>	<u>59.7</u>	<u>58.7</u>

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Container ID #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
TA-54-0375 Cell 3 (continued)							
87827	63.7	64.4	61.7	61.1	60.1	61.1	61.6
87826	63.9	63.3	61.2	60.9	60.9	60.4	60.8
87823	66.0	64.6	61.0	62.5	59.6	61.2	62.8
87825	67.9	64.1	63.9	64.0	64.1	64.1	63.4
End Time (6.[14])	1324	1410	1355	1358	1311	1322	1303
6.[14]	WO: <u>Vom</u> WO: <u>FA</u>	WO: <u>EP</u> WO: <u>[Signature]</u>	WO: <u>Vom</u> WO: <u>FA</u>	WO: <u>Vom</u> WO: <u>[Signature]</u>	WO: <u>MZ</u> WO: <u>[Signature]</u>	WO: <u>MZ</u> WO: <u>[Signature]</u>	WO: <u>MZ</u> WO: <u>[Signature]</u>

Comments:

N/C

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6.[18] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
Valerie Martinez	<i>Valerie Martinez</i>	1239958	VOM	8/22/16
Fabian Anaya	<i>Fabian Anaya</i>	1174963	FA	18-22-16
Edward Pacheco	<i>Edward Pacheco</i>	1100497	EP	18-23-16
Robert Harsel	<i>Robert Harsel</i>	1290785	RH	18-23-16
Valerie Martinez	<i>Valerie Martinez</i>	1239958	VOM	8/24/16
Fabian Anaya	<i>Fabian Anaya</i>	1174963	FA	18-24-16
Valerie Martinez	<i>Valerie Martinez</i>	1239958	VOM	8/25/16

Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	18-25-16
MATTHEW ZOLLO	<i>Matthew Zollo</i>	1311676	MZ	18-26-16
Juan Garcia	<i>Juan Garcia</i>	1169890	JG	18-26-16
MATTHEW ZOLLO	<i>Matthew Zollo</i>	1311676	MZ	18-27-16
Juan Garcia	<i>Juan Garcia</i>	1169890	JG	18-27-16
MATTHEW ZOLLO	<i>Matthew Zollo</i>	1311676	MZ	18-29-16
Juan Garcia	<i>Juan Garcia</i>	1169890	JG	18-28-16

9.1[2] Reviewed by:

SOM (print)	Signature	Z#	Initials	Date

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

NOTE SWB/drum 69417 is no longer considered a RNS drum by LANL or NMED. Containers marked by an (*) are POCs.

		Monday 6.[4] Date & Start Time: 8-29-16/1315	Tuesday 6.[4] Date & Start Time: 8-30-16/1303	Wednesday 6.[4] Date & Start Time: 8-31-16/1332	Thursday 6.[4] Date & Start Time: 9-1-16/1312	Friday 6.[4] Date & Start Time: 9-2-16/1319	Saturday 6.[4] Date & Start Time: 9-3-16/1319	Sunday 6.[4] Date & Start Time: 9-4-16/1314
TA-54-0375 Cell 1								
Calibrated infrared thermometer (4.2.1[2][B])		Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>
Ambient Temperature (6.[5])		<u>63.3</u> °F	<u>63.5</u> °F	<u>66.5</u> °F	<u>67.0</u> °F	<u>66.1</u> °F	<u>66.8</u> °F	<u>66.3</u> °F
(\$) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[6])		<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 #		Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
68685		<u>63.1</u>	<u>62.6</u>	<u>65.7</u>	<u>66.2</u>	<u>65.2</u>	<u>65.6</u>	<u>65.9</u>
LA00000070503	68540	<u>61.6</u>	<u>62.3</u>	<u>65.4</u>	<u>64.8</u>	<u>64.2</u>	<u>65.6</u>	<u>66.1</u>
	68553	<u>61.5</u>	<u>61.5</u>	<u>66.2</u>	<u>64.7</u>	<u>65.5</u>	<u>66.3</u>	<u>65.3</u>
69445		<u>62.6</u>	<u>61.4</u>	<u>65.7</u>	<u>65.3</u>	<u>65.6</u>	<u>66.3</u>	<u>64.2</u>
69618		<u>61.6</u>	<u>61.9</u>	<u>64.7</u>	<u>64.7</u>	<u>65.7</u>	<u>66.6</u>	<u>64.8</u>
69013		<u>62.3</u>	<u>62.7</u>	<u>66.2</u>	<u>66.1</u>	<u>65.8</u>	<u>67.3</u>	<u>65.4</u>
LASB50522	69076	<u>61.7</u>	<u>61.8</u>	<u>64.9</u>	<u>65.0</u>	<u>65.4</u>	<u>65.4</u>	<u>62.2</u>
LASB50452	69490	<u>61.2</u>	<u>61.9</u>	<u>65.0</u>	<u>63.7</u>	<u>65.3</u>	<u>66.3</u>	<u>64.2</u>
LASB50431	69280	<u>60.5</u>	<u>60.6</u>	<u>63.1</u>	<u>63.5</u>	<u>64.2</u>	<u>65.6</u>	<u>63.7</u>
LASB50069	69208	<u>60.7</u>	<u>61.1</u>	<u>64.2</u>	<u>63.6</u>	<u>64.0</u>	<u>65.1</u>	<u>63.7</u>
LASB50073	69079	<u>61.0</u>	<u>60.4</u>	<u>65.2</u>	<u>64.1</u>	<u>64.8</u>	<u>65.6</u>	<u>64.5</u>
69636		<u>61.7</u>	<u>60.9</u>	<u>62.0</u>	<u>63.2</u>	<u>63.4</u>	<u>65.4</u>	<u>63.2</u>

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Z# 174963

INITIAL FK

DATE 8-29-16

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Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
TA-54-0375 Cell 1 (continued)							
69616	61.6	61.5	61.7	64.6	65.1	65.6	63.7
69417	N/A	N/A	N/A	N/A	N/A	N/A	N/A
69620	61.5	61.8	65.4	65.6	65.1	67.9	64.2
69520	61.0	61.3	65.1	64.2	64.7	66.4	64.8
69641	60.8	61.2	65.0	64.2	64.6	66.0	63.9
69298	60.3	59.8	64.1	63.9	63.8	65.2	63.9
LASB02203 92669	59.6	60.1	62.2	61.7	63.2	64.5	63.1
End Time (6.[14])	1318	1310	1337	1315	1326	1324	1322
6.[14]	WO: <u>EP</u> WO: <u>FA</u>	WO: <u>FA</u> WO: <u>FA</u>	WO: <u>MZ</u> WO: <u>LM</u>	WO: <u>EP</u> WO: <u>LM</u>	WO: <u>FA</u> WO: <u>FA</u>	WO: <u>FA</u> WO: <u>FA</u>	WO: <u>FA</u> WO: <u>FA</u>

Comments:

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

NOTE Containers marked by an (*) are POCs.

		Monday 6.[4] Date & Start Time: 8-29-16/1319	Tuesday 6.[4] Date & Start Time: 8-30-16/1322	Wednesday 6.[4] Date & Start Time: 8-31-16/1327	Thursday 6.[4] Date & Start Time: 9-1-16/1308	Friday 6.[4] Date & Start Time: 9-2-16/1310	Saturday 6.[4] Date & Start Time: 9-3-16/1309	Sunday 6.[4] Date & Start Time: 9-4-16/1307
TA-54-0375 Cell 2								
Calibrated infrared thermometer (4.2.1[2][B])		Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>
Ambient Temperature (6.[5])		<u>57.7</u> °F	<u>57.7</u> °F	<u>59.9</u> °F	<u>59.8</u> °F	<u>59.6</u> °F	<u>60.9</u> °F	<u>60.4</u> °F
(S) Temperature ≤ 75°F SR 4 ESS 5.1 (6.[6])		<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 #		Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
LASB02198	68408	<u>53.7</u>	<u>54.7</u>	<u>56.3</u>	<u>56.7</u>	<u>58.6</u>	<u>58.8</u>	<u>58.2</u>
	68638	<u>55.2</u>	<u>56.1</u>	<u>60.5</u>	<u>59.5</u>	<u>59.1</u>	<u>62.3</u>	<u>60.1</u>
	69615	<u>58.5</u>	<u>58.2</u>	<u>61.7</u>	<u>61.2</u>	<u>60.6</u>	<u>62.4</u>	<u>61.4</u>
	69635	<u>57.5</u>	<u>58.4</u>	<u>62.0</u>	<u>61.2</u>	<u>62.0</u>	<u>63.0</u>	<u>61.6</u>
	69642	<u>59.0</u>	<u>58.6</u>	<u>62.8</u>	<u>62.0</u>	<u>61.7</u>	<u>64.8</u>	<u>63.7</u>
	69630	<u>57.7</u>	<u>58.6</u>	<u>61.9</u>	<u>60.3</u>	<u>60.3</u>	<u>63.3</u>	<u>61.8</u>
	69633	<u>57.6</u>	<u>58.3</u>	<u>61.7</u>	<u>61.2</u>	<u>60.7</u>	<u>63.8</u>	<u>61.7</u>
	68430	<u>58.8</u>	<u>59.0</u>	<u>62.5</u>	<u>61.7</u>	<u>62.0</u>	<u>64.3</u>	<u>62.7</u>
	68631	<u>54.9</u>	<u>55.6</u>	<u>60.1</u>	<u>58.1</u>	<u>59.0</u>	<u>60.7</u>	<u>58.9</u>
	69634	<u>54.3</u>	<u>54.3</u>	<u>56.2</u>	<u>57.0</u>	<u>58.2</u>	<u>60.0</u>	<u>56.4</u>
	68567	<u>55.7</u>	<u>55.7</u>	<u>57.8</u>	<u>58.1</u>	<u>57.7</u>	<u>59.4</u>	<u>58.0</u>
	94227	<u>55.0</u>	<u>57.1</u>	<u>59.5</u>	<u>58.1</u>	<u>58.3</u>	<u>60.2</u>	<u>58.6</u>
LASB50442	68648	<u>56.5</u>	<u>56.7</u>	<u>60.4</u>	<u>60.3</u>	<u>59.7</u>	<u>61.6</u>	<u>60.0</u>
	69644	<u>56.3</u>	<u>56.8</u>	<u>60.2</u>	<u>60.4</u>	<u>59.6</u>	<u>61.6</u>	<u>60.5</u>
LASB50443	69183	<u>57.3</u>	<u>57.2</u>	<u>61.4</u>	<u>60.6</u>	<u>61.1</u>	<u>63.2</u>	<u>60.5</u>
	69638	<u>56.9</u>	<u>57.5</u>	<u>61.3</u>	<u>60.3</u>	<u>60.0</u>	<u>64.3</u>	<u>61.3</u>

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ATTACHMENT 3

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Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	
TA-54-0375 Cell 2 (continued)								
68624	57.7	57.8	60.9	60.3	59.7	63.2	61.1	
68507	57.6	57.8	61.6	60.7	60.2	62.9	60.7	
69568	55.5	55.4	59.8	58.4	58.5	60.7	60.1	
69553	55.3	55.3	58.9	58.4	58.8	59.7	61.3	
69598	57.6	57.3	58.9	59.7	60.6	62.3	60.3	
LASB50559	92472	53.4	54.7	57.2	57.8	57.4	59.9	59.4
	92459	52.7	53.2	54.9	56.1	56.7	59.3	57.1
69015	57.8	57.8	61.4	60.5	61.7	63.4	61.0	
69639	56.7	57.6	61.2	60.4	61.1	62.5	60.7	
69637	57.9	57.3	61.1	60.5	61.1	62.3	60.5	
End Time (6.[14])	1324	1330	1331	1311	1318	1316	1313	
6.[14]	WO: <u>EP</u> WO: <u>FA</u>	WO: <u>FA</u> WO: <u>LM</u>	WO: <u>WZ</u> WO: <u>LM</u>	WO: <u>EP</u> WO: <u>LM</u>	WO: <u>FA</u> WO: <u>FA</u>	WO: <u>FA</u> WO: <u>FA</u>	WO: <u>FA</u> WO: <u>FA</u>	

Comments:

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ATTACHMENT 3

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6.[18] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
Edward Parker	<i>Edward Parker</i>	100497	EP	18-29-16
Fabian Anaya	<i>Fabian Anaya</i>	174963	FA	18-29-16
Fabian Anaya	<i>Fabian Anaya</i>	174963	FA	18-30-16
Leon Montoya	<i>Leon Montoya</i>	119526	LM	18-30-16
MATTHEW ZOCO	<i>Matthew Zoco</i>	131167	MZ	18-31-16
Leon Montoya	<i>Leon Montoya</i>	119526	LM	18-31-16
Edward Parker	<i>Edward Parker</i>	100497	EP	19-1-16

Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	<i>Leon Montoya</i>	119526	LM	19-1-16
Fabian Anaya	<i>Fabian Anaya</i>	174963	FA	19-2-16
Juan Garcia	<i>Juan Garcia</i>	1169890	JG	19-2-16
Fabian Anaya	<i>Fabian Anaya</i>	174963	FA	19-3-16
Juan Garcia	<i>Juan Garcia</i>	1169890	JG	19-3-16
Fabian Anaya	<i>Fabian Anaya</i>	174963	FA	19-4-16
Juan Garcia	<i>Juan Garcia</i>	1169890	JG	19-5-16

9.1[2] Reviewed by:

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

UET

ATTACHMENT 4

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

NOTE Containers marked by an (*) are POCs.

Monday 6.[4] Date & Start Time: 8-29-16/1325	Tuesday 6.[4] Date & Start Time: 8-30-16/1311	Wednesday 6.[4] Date & Start Time: 8-31-16/1322	Thursday 6.[4] Date & Start Time: 9-1-16/1303	Friday 6.[4] Date & Start Time: 9-2-16/1302	Saturday 6.[4] Date & Start Time: 9-3-16/1302	Sunday 6.[4] Date & Start Time: 9-4-16/1301
---	--	--	--	--	--	--

TA-54-0375 Cell 3							
Calibrated infrared thermometer (4.2.1[2][B])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number <u>101975</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number <u>101975</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number <u>101975</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number <u>101975</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number <u>101975</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number <u>101975</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number <u>101975</u>
Ambient Temperature (6.[5])	<u>66.2</u> °F	<u>66.2</u> °F	<u>66.0</u> °F	<u>65.2</u> °F	<u>64.1</u> °F	<u>66.3</u> °F	<u>66.3</u> °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[6])	<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 #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
69519	<u>60.0</u>	<u>59.5</u>	<u>65.0</u>	<u>61.9</u>	<u>63.0</u>	<u>63.2</u>	<u>64.4</u>
69645	<u>57.5</u>	<u>58.4</u>	<u>62.0</u>	<u>60.1</u>	<u>60.6</u>	<u>59.8</u>	<u>60.1</u>
94068	<u>58.8</u>	<u>58.8</u>	<u>63.0</u>	<u>61.6</u>	<u>62.6</u>	<u>61.2</u>	<u>60.9</u>
93605	<u>59.3</u>	<u>60.1</u>	<u>64.5</u>	<u>61.9</u>	<u>62.4</u>	<u>63.4</u>	<u>61.5</u>
69548	<u>60.1</u>	<u>60.3</u>	<u>65.7</u>	<u>63.1</u>	<u>62.6</u>	<u>64.2</u>	<u>62.3</u>
69604	<u>59.6</u>	<u>60.6</u>	<u>65.5</u>	<u>62.9</u>	<u>63.2</u>	<u>63.0</u>	<u>64.5</u>
LASB50529 68665	<u>58.0</u>	<u>58.8</u>	<u>63.1</u>	<u>61.7</u>	<u>62.4</u>	<u>64.0</u>	<u>60.1</u>
LASB50418 69595	<u>58.9</u>	<u>59.5</u>	<u>65.5</u>	<u>62.7</u>	<u>61.2</u>	<u>63.2</u>	<u>62.1</u>
69036	<u>59.9</u>	<u>60.4</u>	<u>66.1</u>	<u>63.5</u>	<u>62.4</u>	<u>65.7</u>	<u>63.1</u>
LASB50451 69361	<u>59.8</u>	<u>60.4</u>	<u>65.9</u>	<u>62.7</u>	<u>64.4</u>	<u>65.0</u>	<u>63.5</u>
69559	<u>60.1</u>	<u>60.2</u>	<u>66.5</u>	<u>63.1</u>	<u>62.3</u>	<u>64.7</u>	<u>62.4</u>
LASB50448 69491	<u>60.0</u>	<u>60.0</u>	<u>65.5</u>	<u>63.2</u>	<u>63.1</u>	<u>64.4</u>	<u>63.8</u>

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ATTACHMENT 4

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6.[18] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	<i>Edward Pacheco</i>	1100497	EP	18-29-16
Fabian Anaya	<i>Fabian Anaya</i>	1174963	FA	18-29-16
Fabian Anaya	<i>Fabian Anaya</i>	1174963	FA	18-30-16
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	18-30-16
MATTHEW ZOCCO	<i>Matthew Zocco</i>	1311676	MZ	18-31-16
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	18-31-16
Edward Pacheco	<i>Edward Pacheco</i>	1100497	EP	19-1-16

Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	19-1-16
Fabian Anaya	<i>Fabian Anaya</i>	1174963	FA	19-2-16
Juan Garcia	<i>Juan Garcia</i>	1169890	JG	19-2-16
Fabian Anaya	<i>Fabian Anaya</i>	1174963	FA	19-3-16
Juan Garcia	<i>Juan Garcia</i>	1169890	JG	19-3-16
Fabian Anaya	<i>Fabian Anaya</i>	1174963	FA	19-4-16
Juan Garcia	<i>Juan Garcia</i>	1169890	JG	19-4-16

9.1[2] Reviewed by:

SOM (print)	Signature	Z#	Initials	Date

UET

ATTACHMENT 2
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TA-54-0375 CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE SWB drum 69417 is no longer considered a RNS drum by LANL or NMED. Containers marked by an (*) are POCs.

	Monday 6.[4] Date & Start Time: 9-5-16/1300	Tuesday 6.[4] Date & Start Time: 9-6-16/1332	Wednesday 6.[4] Date & Start Time: 9-7-16/1336	Thursday 6.[4] Date & Start Time: 9-8-16/1351	Friday 6.[4] Date & Start Time: 9-9-16/1323	Saturday 6.[4] Date & Start Time: 9-10-16/1312	Sunday 6.[4] Date & Start Time: 9-11-16/1315
TA-54-0375 Cell 1							
Calibrated infrared thermometer (4.2.1[2][B])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>10-21-16</u> File Number: <u>101912</u>
Ambient Temperature (6.[5])	<u>66.5</u> °F	<u>66.7</u> °F	<u>63.7</u> °F	<u>64.5</u> °F	<u>64.3</u> °F	<u>60.7</u> °F	<u>63.4</u> °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[6])	<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 #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
68685	<u>66.1</u>	<u>67.6</u>	<u>65.9</u>	<u>64.7</u>	<u>63.9</u>	<u>60.4</u>	<u>63.0</u>
LA00000070503	68540 <u>66.0</u>	<u>66.4</u>	<u>64.8</u>	<u>64.0</u>	<u>63.7</u>	<u>58.9</u>	<u>62.7</u>
	68553 <u>65.3</u>	<u>66.6</u>	<u>63.9</u>	<u>64.1</u>	<u>63.3</u>	<u>59.2</u>	<u>62.6</u>
69445	<u>64.8</u>	<u>67.2</u>	<u>65.9</u>	<u>64.0</u>	<u>63.7</u>	<u>59.0</u>	<u>63.2</u>
69618	<u>65.3</u>	<u>66.3</u>	<u>63.6</u>	<u>65.0</u>	<u>64.4</u>	<u>59.7</u>	<u>63.4</u>
69013	<u>66.3</u>	<u>67.5</u>	<u>63.7</u>	<u>64.8</u>	<u>64.8</u>	<u>60.3</u>	<u>63.2</u>
LASB50522 69076	<u>65.1</u>	<u>66.1</u>	<u>64.0</u>	<u>65.3</u>	<u>65.1</u>	<u>58.6</u>	<u>62.3</u>
LASB50452 69490	<u>64.5</u>	<u>67.1</u>	<u>64.8</u>	<u>64.0</u>	<u>63.3</u>	<u>57.4</u>	<u>61.1</u>
LASB50431 69280	<u>64.2</u>	<u>65.0</u>	<u>62.5</u>	<u>64.2</u>	<u>62.7</u>	<u>57.0</u>	<u>61.4</u>
LASB50069 69208	<u>63.4</u>	<u>65.1</u>	<u>63.6</u>	<u>65.1</u>	<u>60.6</u>	<u>58.9</u>	<u>61.7</u>
LASB50073 69079	<u>64.7</u>	<u>66.0</u>	<u>63.7</u>	<u>65.4</u>	<u>62.9</u>	<u>57.7</u>	<u>62.4</u>
69636	<u>64.0</u>	<u>65.9</u>	<u>63.4</u>	<u>64.1</u>	<u>60.7</u>	<u>58.6</u>	<u>61.8</u>

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TA-54 Area G Remediated Nitrate Salt Waste Container Monitoring

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 Revision: 1
 Effective Date: July 15, 2016
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Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6/8/6/9/6/10)	Temp (°F) (6/8/6/9/6/10)	Temp (°F) (6/8/6/9/6/10)	Temp (°F) (6/8/6/9/6/10)	Temp (°F) (6/8/6/9/6/10)	Temp (°F) (6/8/6/9/6/10)	Temp (°F) (6/8/6/9/6/10)
TA-54-0375 Cell 1 (continued)							
69616	64.5	65.9	62.7	64.0	61.2	58.7	61.3
69417	N/A	N/A	N/A	N/A	N/A	N/A	N/A
69620	65.3	66.3	63.2	65.9	63.1	59.0	62.3
69520	64.7	66.3	63.1	65.3	62.9	58.6	62.0
69641	64.9	66.1	64.5	65.2	62.6	58.7	61.9
69298	63.6	65.2	62.9	63.9	61.8	57.7	61.3
LASB02203 92669	62.7	63.6	63.7	62.6	60.3	56.7	60.8
End Time (6/14)	1306	1337	1340	1353	1322	1317	1320
6/14	WO: FA WO: LM	WO: EP WO: ME	WO: EP WO: ME	WO: YON WO: ME	WO: LM WO: [Signature]	WO: LM WO: [Signature]	WO: LM WO: [Signature]

Comments:

N/C

UET

ATTACHMENT 2

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6.[18] Performed by:

Fabian Anaya	Fabian Anaya	174903	FA	9-5-16
Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	Leon Montoya	191526	LM	9-5-16
Waste Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	Edward Pacheco	100487	EP	9-6-16
Waste Operator (print)	Signature	Z#	Initials	Date
MATTHEW ZOCCO	Matthew Zocco	311676	MZ	9-6-16
Waste Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	Edward Pacheco	100487	EP	9-7-16
Waste Operator (print)	Signature	Z#	Initials	Date
MATTHEW ZOCCO	Matthew Zocco	311676	MZ	9-7-16
Waste Operator (print)	Signature	Z#	Initials	Date
Valerie Martinez	Valerie Martinez	23988	VM	9/8/16
Waste Operator (print)	Signature	Z#	Initials	Date

MATTHEW ZOCCO	Matthew Zocco	311676	MZ	9-8-16
Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	Leon Montoya	191526	LM	9-9-16
Waste Operator (print)	Signature	Z#	Initials	Date
Robert HANSEL	Robert HANSEL	291728	RH	09-9-16
Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	Leon Montoya	191526	LM	9-10-16
Waste Operator (print)	Signature	Z#	Initials	Date
Robert HANSEL	Robert HANSEL	291728	RH	09-10-16
Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	Leon Montoya	191526	LM	9-11-16
Waste Operator (print)	Signature	Z#	Initials	Date
Robert HANSEL	Robert HANSEL	291728	RH	10-11-16
Waste Operator (print)	Signature	Z#	Initials	Date

9.1[2] Reviewed by:

SOM (print)	Signature	Z#	Initials	Date
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TA-54 Area G Remediated Nitrate Salt Waste Container Monitoring

Document No.: AREAG-WO-DOP-12
 Revision: 1
 Effective Date: July 15, 2016
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ATTACHMENT 3
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TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE Containers marked by an (*) are POCs.

		Monday 6.[4] Date & Start Time: 9-5-16/1309	Tuesday 6.[4] Date & Start Time: 9-6-16/1325	Wednesday 6.[4] Date & Start Time: 9-7-16/1329	Thursday 6.[4] Date & Start Time: 9-8-16/1344	Friday 6.[4] Date & Start Time: 9-9-16/1317	Saturday 6.[4] Date & Start Time: 9-10-16/1306	Sunday 6.[4] Date & Start Time: 9-11-16/1309
TA-54-0375 Cell 2								
Calibrated infrared thermometer (4.2.1[2][B])		Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>1-28-17</u> File Number <u>104841</u>
Ambient Temperature (6.[5])		60.4 °F	60.9 °F	61.9 °F	58.1 °F	59.3 °F	54.2 °F	57.2 °F
(S) Temperature < 75°F SR 4 ESS 5.1 (6.[6])		<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 #		Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
LASB02198	68408	56.2	57.1	61.9	58.1	59.1	54.0	54.9
	68638	59.1	60.2	61.6	57.9	60.2	54.2	56.4
	69615	60.9	62.1	61.6	61.8	61.2	55.5	58.2
	69635	61.5	62.7	61.7	60.2	60.9	55.1	57.6
	69642	61.8	63.0	62.2	62.0	62.0	56.5	59.3
	69630	61.5	61.1	61.3	60.9	60.6	55.1	57.6
	69633	60.7	62.1	61.4	59.6	60.1	54.7	57.1
	68430	61.4	62.7	62.2	61.3	61.1	54.5	57.5
	68631	58.4	59.6	60.5	59.1	58.5	53.2	55.4
	69634	55.9	56.4	60.8	55.9	56.6	51.5	54.4
	68567	57.6	58.0	62.3	56.7	57.6	53.0	55.3
	94227	58.2	59.2	61.5	58.9	58.9	53.7	55.6
LASB50442	68648	59.5	60.2	60.8	58.7	60.7	54.6	57.3
	69644	60.2	60.5	61.8	61.7	61.1	54.6	57.1
LASB50443	69183	60.0	61.7	61.2	61.2	60.6	55.2	57.5
	69638	60.3	61.1	61.3	60.4	61.3	55.0	57.9

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Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	
TA-54-0375 Cell 2 (continued)								
68624	60.3	61.3	61.2	60.0	60.7	55.1	58.0	
68507	61.5	61.6	61.7	61.2	61.0	55.6	57.0	
69568	57.8	59.6	62.3	58.1	58.8	53.1	56.0	
69553	58.4	59.5	61.1	57.5	58.4	53.4	55.7	
69598	60.0	59.7	61.6	58.5	59.9	54.3	56.9	
LASB50559	92472	56.9	58.9	61.0	57.7	56.1	51.7	54.2
	92459	56.0	57.2	60.7	53.8	56.3	51.6	53.9
69015	61.4	62.9	61.3	61.3	60.8	54.8	57.9	
69639	60.8	62.3	61.1	60.0	60.9	55.9	58.5	
69637	60.4	62.2	61.0	61.1	61.5	54.9	58.2	
End Time (6.[14])	1315	1331	1335	1350	1322	1311	1314	
6.[14]	WO: FA WO: Len	WO: FP WO: MZ	WO: FP WO: MZ	WO: V.D.S. WO: MZ	WO: Len WO: FA	WO: Len WO: FA	WO: FA WO: Len	

Comments:

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6.[18] Performed by:

<u>Fabian Anaya</u>	<u>Fabian Anaya</u>	<u>1174963</u>	<u>FA</u>	<u>9-5-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>[Signature]</u>	<u>191526</u>	<u>LM</u>	<u>9-5-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Edward Pacheco</u>	<u>[Signature]</u>	<u>1100497</u>	<u>EP</u>	<u>9-6-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>MATTHEW ZOCCO</u>	<u>[Signature]</u>	<u>1311676</u>	<u>MZ</u>	<u>9-6-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Edward Pacheco</u>	<u>[Signature]</u>	<u>1100497</u>	<u>EP</u>	<u>9-7-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>MATTHEW ZOCCO</u>	<u>[Signature]</u>	<u>1311676</u>	<u>MZ</u>	<u>9-7-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Valerie Martinez</u>	<u>[Signature]</u>	<u>83958</u>	<u>VM</u>	<u>9/8/16</u>
Waste Operator (print)	Signature	Z#	Initials	Date

<u>MATTHEW ZOCCO</u>	<u>[Signature]</u>	<u>1311676</u>	<u>MZ</u>	<u>9-9-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>[Signature]</u>	<u>191526</u>	<u>LM</u>	<u>9-9-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Robert Hausel</u>	<u>[Signature]</u>	<u>1291278</u>	<u>RH</u>	<u>9-9-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>[Signature]</u>	<u>191526</u>	<u>LM</u>	<u>9-10-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Robert Hausel</u>	<u>[Signature]</u>	<u>1291278</u>	<u>RH</u>	<u>10/10/16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>[Signature]</u>	<u>191526</u>	<u>LM</u>	<u>9-11-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Robert Hausel</u>	<u>[Signature]</u>	<u>1291278</u>	<u>RH</u>	<u>9-11-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date

9.1[2] Reviewed by:

_____	_____	_____	_____	_____
SOM (print)	Signature	Z#	Initials	Date

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

NOTE Containers marked by an (*) are POCs.

	Monday 6.[4] Date & Start Time: 9-5-16/1316	Tuesday 6.[4] Date & Start Time: 9-6-16/1319	Wednesday 6.[4] Date & Start Time: 9-7-16/1324	Thursday 6.[4] Date & Start Time: 9-8-16/1338	Friday 6.[4] Date & Start Time: 9-9-16/1311	Saturday 6.[4] Date & Start Time: 9-10-16/1301	Sunday 6.[4] Date & Start Time: 9-11-16/1303
TA-54-0375 Cell 3							
Calibrated infrared thermometer (4.2.1[2][B])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number <u>101975</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number <u>101975</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number <u>101975</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number <u>101975</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number <u>101975</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number <u>101975</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number <u>101975</u>
Ambient Temperature (6.[5])	<u>65.4</u> °F	<u>65.6</u> °F	<u>62.7</u> °F	<u>63.1</u> °F	<u>64.4</u> °F	<u>59.3</u> °F	<u>61.3</u> °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[6])	<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 #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
69519	<u>62.5</u>	<u>63.0</u>	<u>61.6</u>	<u>62.3</u>	<u>61.4</u>	<u>55.6</u>	<u>59.0</u>
69645	<u>59.8</u>	<u>60.9</u>	<u>61.0</u>	<u>59.4</u>	<u>58.7</u>	<u>53.8</u>	<u>57.4</u>
94068	<u>61.7</u>	<u>63.0</u>	<u>61.3</u>	<u>62.8</u>	<u>60.5</u>	<u>55.4</u>	<u>58.7</u>
93605	<u>63.4</u>	<u>64.2</u>	<u>61.8</u>	<u>62.7</u>	<u>60.9</u>	<u>55.6</u>	<u>59.2</u>
69548	<u>62.8</u>	<u>64.4</u>	<u>61.6</u>	<u>63.3</u>	<u>61.4</u>	<u>56.7</u>	<u>59.4</u>
69604	<u>63.7</u>	<u>64.3</u>	<u>61.9</u>	<u>63.1</u>	<u>61.2</u>	<u>56.9</u>	<u>60.0</u>
LASB50529 68665	<u>62.6</u>	<u>62.1</u>	<u>60.9</u>	<u>60.1</u>	<u>59.3</u>	<u>55.9</u>	<u>58.5</u>
LASB50418 69595	<u>63.8</u>	<u>63.1</u>	<u>61.5</u>	<u>61.5</u>	<u>60.9</u>	<u>56.5</u>	<u>59.3</u>
69036	<u>62.5</u>	<u>64.5</u>	<u>62.2</u>	<u>62.7</u>	<u>61.5</u>	<u>57.8</u>	<u>60.2</u>
LASB50451 69361	<u>63.3</u>	<u>64.5</u>	<u>61.8</u>	<u>63.2</u>	<u>62.0</u>	<u>56.7</u>	<u>60.0</u>
69559	<u>63.5</u>	<u>64.1</u>	<u>61.8</u>	<u>62.8</u>	<u>61.7</u>	<u>57.5</u>	<u>60.4</u>
LASB50448 69491	<u>63.4</u>	<u>64.5</u>	<u>61.6</u>	<u>62.8</u>	<u>61.9</u>	<u>56.7</u>	<u>59.6</u>

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Container ID #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
TA-54-0375 Cell 3 (continued)							
87827	65.0	66.2	61.5	65.9	63.3	58.4	62.0
87826	65.0	65.9	62.5	65.0	63.1	57.7	61.5
87823	66.9	67.0	63.6	64.0	64.3	58.9	62.7
87825	67.0	67.9	65.0	66.0	64.4	61.6	63.6
End Time (6.[14])	1321	1324	1328	1343	1316	1305	1308
6[14]	WO: FA WO: CM	WO: EP WO: ME	WO: EP WO: ME	WO: VON WO: ME	WO: LM WO: [Signature]	WO: LM WO: [Signature]	WO: LM WO: [Signature]

Comments:

N/C

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6.1[18] Performed by:

Fabian Anaya	Fabian Anaya	1174963	FA	19-5-16
Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya		19526	LM	19-5-16
Waste Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	Edward Pacheco	100497	EP	19-6-16
Waste Operator (print)	Signature	Z#	Initials	Date
MATTHEW ZOCOS	Matthew Zocos	1311676	MZ	19-6-16
Waste Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	Edward Pacheco	100497	EP	19-7-16
Waste Operator (print)	Signature	Z#	Initials	Date
MATTHEW ZOCOS	Matthew Zocos	1311676	MZ	19-7-16
Waste Operator (print)	Signature	Z#	Initials	Date
Valerie Martinez	Valerie Martinez	239958	VM	19-8-16
Waste Operator (print)	Signature	Z#	Initials	Date

MATTHEW ZOCOS	Matthew Zocos	1311676	MZ	19-8-16
Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya		19526	LM	19-9-16
Waste Operator (print)	Signature	Z#	Initials	Date
Robert HANDEL	Robert Handel	291778	RH	19-9-16
Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya		19526	LM	19-10-16
Waste Operator (print)	Signature	Z#	Initials	Date
Robert HANDEL	Robert Handel	291778	RH	19-10-16
Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya		19526	LM	19-11-16
Waste Operator (print)	Signature	Z#	Initials	Date
Robert HANDEL	Robert Handel	291778	RH	19-11-16
Waste Operator (print)	Signature	Z#	Initials	Date

9.1[2] Reviewed by:

SOM (print)	Signature	Z#	Initials	Date
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TA-54-0375 CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE SWB drum 69417 is no longer considered a RNS drum by LANL or NMED. Containers marked by an (*) are POCs.

	Monday 6.[4] Date & Start Time 9-12-16/1322	Tuesday 6.[4] Date & Start Time 9-13-16/1332	Wednesday 6.[4] Date & Start Time 9-14-16/1329	Thursday 6.[4] Date & Start Time 9-15-16/1350	Friday 6.[4] Date & Start Time 9-16-16/1322	Saturday 6.[4] Date & Start Time 9-17-16/1316	Sunday 6.[4] Date & Start Time 9-18-16/1311
TA-54-0375 Cell 1							
Calibrated infrared thermometer (4.2.1[2][B])	Brand <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>10-21-16</u> File Number <u>101912</u>	Brand <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>10-21-16</u> File Number <u>101912</u>	Brand <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>10-21-16</u> File Number <u>101912</u>	Brand <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>10-21-16</u> File Number <u>101912</u>	Brand <u>FLUKE</u> Model <u>561</u> Cal. Due Date <u>10-21-16</u> File Number <u>101912</u>	Brand <u>FLUKE</u> Model <u>561</u> Cal. Due Date <u>10-21-16</u> File Number <u>101912</u>	Brand <u>FLUKE</u> Model <u>561</u> Cal. Due Date <u>10-21-16</u> File Number <u>101912</u>
Ambient Temperature (6.[5])	<u>63.4</u> °F	<u>62.0</u> °F	<u>64.1</u> °F	<u>64.7</u> °F	<u>63.1</u> °F	<u>60.1</u> °F	<u>60.9</u> °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[6])	<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 #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
68685	<u>63.0</u>	<u>63.2</u>	<u>65.2</u>	<u>65.5</u>	<u>61.4</u>	<u>64.7</u>	<u>60.6</u>
LA00000070503	68540 <u>61.0</u>	<u>60.9</u>	<u>62.3</u>	<u>63.0</u>	<u>59.9</u>	<u>66.4</u>	<u>61.6</u>
	68553 <u>62.2</u>	<u>61.7</u>	<u>62.5</u>	<u>63.3</u>	<u>61.2</u>	<u>63.2</u>	<u>59.7</u>
69445	<u>61.6</u>	<u>60.4</u>	<u>63.0</u>	<u>63.1</u>	<u>60.1</u>	<u>63.3</u>	<u>59.3</u>
69618	<u>60.9</u>	<u>60.8</u>	<u>62.7</u>	<u>62.9</u>	<u>60.2</u>	<u>62.8</u>	<u>59.3</u>
69013	<u>63.4</u>	<u>61.2</u>	<u>63.9</u>	<u>64.5</u>	<u>61.1</u>	<u>64.0</u>	<u>62.5</u>
LASB50522 69076	<u>61.9</u>	<u>60.6</u>	<u>62.8</u>	<u>62.9</u>	<u>59.2</u>	<u>60.9</u>	<u>59.8</u>
LASB50452 69490	<u>61.0</u>	<u>60.5</u>	<u>62.5</u>	<u>62.2</u>	<u>62.5</u>	<u>63.8</u>	<u>58.9</u>
LASB50431 69280	<u>61.2</u>	<u>60.7</u>	<u>62.7</u>	<u>62.1</u>	<u>58.3</u>	<u>60.5</u>	<u>59.6</u>
LASB50069 69208	<u>61.1</u>	<u>58.0</u>	<u>63.3</u>	<u>61.9</u>	<u>59.0</u>	<u>60.7</u>	<u>58.3</u>
LASB50073 69079	<u>61.4</u>	<u>60.2</u>	<u>62.7</u>	<u>62.1</u>	<u>59.5</u>	<u>62.5</u>	<u>59.1</u>
69636	<u>60.2</u>	<u>59.0</u>	<u>61.4</u>	<u>62.0</u>	<u>59.2</u>	<u>61.8</u>	<u>57.8</u>

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DATE 9/12/16

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Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.18 6.19 6.110)	Temp (°F) (6.18 6.19 6.110)	Temp (°F) (6.18 6.19 6.110)	Temp (°F) (6.18 6.19 6.110)	Temp (°F) (6.18 6.19 6.110)	Temp (°F) (6.18 6.19 6.110)	Temp (°F) (6.18 6.19 6.110)
TA-54-0375 Cell 1 (continued)							
69616	101.9	60.8	101.4	62.4	59.3	62.2	59.0
69417	N/A	N/A	N/A	N/A	N/A	N/A	N/A
69620	62.0	60.6	103.8	64.2	59.8	62.9	59.2
69520	61.2	61.3	102.3	63.9	60.3	63.7	59.7
69641	101.2	60.6	102.5	63.2	59.4	64.6	58.8
69298	101.1	60.3	102.1	62.6	58.8	61.5	58.2
LASB02203 92669	59.7	58.7	59.3	60.6	58.8	59.5	56.3
End Time (6.14)	1325	1337	1332	1355	1330	1321	1314
6.14	WO: <u>VON</u> WO: <u>[Signature]</u>	WO: <u>EP</u> WO: <u>MZ</u>	WO: <u>VON</u> WO: <u>MZ</u>	WO: <u>EP</u> WO: <u>FA</u>	WO: <u>MZ</u> WO: <u>RV</u>	WO: <u>MZ</u> WO: <u>RV</u>	WO: <u>MZ</u> WO: <u>PV</u>

Comments: N/C

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6.1[8] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
Valerie Martinez	Valerie Martinez	23958	rom	9/12/16
Juan Garcia	Juan Garcia	169840	JG	9-12-16
Edward Pacheco	Edward Pacheco	100497	EP	9-13-16
MATTHEW ZOCCO	Matthew Zocco	1311676	MZ	9-13-16
Valerie Martinez	Valerie Martinez	23958	rom	9/14/16
MATTHEW ZOCCO	Matthew Zocco	1311676	MZ	9-14-16
Edward Pacheco	Edward Pacheco	100497	EP	9-15-16

Waste Operator (print)	Signature	Z#	Initials	Date
Fabian Avaya	Fabian Avaya	6174903	FA	9-15-16
MATTHEW ZOCCO	Matthew Zocco	1311676	MZ	9-16-16
Rudy Valpardo	Rudy Valpardo	1220276	RV	9-16-16
MATTHEW ZOCCO	Matthew Zocco	1311676	MZ	9-17-16
Rudy Valpardo	Rudy Valpardo	1220276	RV	9-17-16
MATTHEW ZOCCO	Matthew Zocco	1311676	MZ	9-18-16
Rudy Valpardo	Rudy Valpardo	1220276	RV	9-18-16

9.1[2] Reviewed by:

SOM (print)	Signature	Z#	Initials	Date

TA-54 Area G Remediated Nitrate Salt Waste Container Monitoring

Document No.: AREAG-WO-DOP-12-
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TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE Containers marked by an (*) are POC's

		Monday 6[4] Date & Start Time 9-12-16/1316	Tuesday 6[4] Date & Start Time 9-13-16/1326	Wednesday 6[4] Date & Start Time 9-14-16/1323	Thursday 6[4] Date & Start Time 9-15-16/1346	Friday 6[4] Date & Start Time 9-16-16/1305 ^{ME} 1309	Saturday 6[4] Date & Start Time 9-17-16/1306	Sunday 6[4] Date & Start Time 9-18-16/1305
TA-54-0375 Cell 2								
Calibrated infrared thermometer (4.2.1[2][B])		Brand <u>Fluke</u> Model <u>5101</u> Cal Due Date <u>1-28-17</u> File Number <u>104841</u>	Brand <u>Fluke</u> Model <u>501</u> Cal Due Date <u>1-28-17</u> File Number <u>104841</u>	Brand <u>Fluke</u> Model <u>501</u> Cal Due Date <u>1-28-17</u> File Number <u>104841</u>	Brand <u>Fluke</u> Model <u>561</u> Cal Due Date <u>1-28-17</u> File Number <u>104841</u>	Brand <u>FLUKE</u> Model <u>561</u> Cal Due Date <u>1-28-17</u> File Number <u>104841</u>	Brand <u>FLUKE</u> Model <u>561</u> Cal Due Date <u>1-28-17</u> File Number <u>104841</u>	Brand <u>FLUKE</u> Model <u>561</u> Cal Due Date <u>1-28-17</u> File Number <u>104841</u>
Ambient Temperature (6.5)		<u>56.8</u> °F	<u>56.3</u> °F	<u>57.5</u> °F	<u>64.8</u> °F	<u>55.8</u> °F	<u>58.5</u> °F	<u>55.4</u> °F
(S) Temperature ≤ 75°F SR 4 ESS 5.1 (6.6)		<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 #		Temp (°F) (6.8[8]/6.9[6]/6.10)	Temp (°F) (6.8[8]/6.9[6]/6.10)	Temp (°F) (6.8[8]/6.9[6]/6.10)	Temp (°F) (6.8[8]/6.9[6]/6.10)	Temp (°F) (6.8[8]/6.9[6]/6.10)	Temp (°F) (6.8[8]/6.9[6]/6.10)	Temp (°F) (6.8[8]/6.9[6]/6.10)
LASB02198	68408	<u>54.8</u>	<u>54.8</u>	<u>50.6</u>	<u>65.0</u>	<u>55.2</u>	<u>56.3</u>	<u>54.4</u>
	68638	<u>50.1</u>	<u>55.5</u>	<u>58.0</u>	<u>63.4</u>	<u>55.0</u>	<u>58.0</u>	<u>54.2</u>
	69615	<u>58.0</u>	<u>57.5</u>	<u>59.5</u>	<u>64.4</u>	<u>56.4</u>	<u>60.5</u>	<u>55.8</u>
	69635	<u>50.9</u>	<u>56.7</u>	<u>58.3</u>	<u>62.8</u>	<u>56.0</u>	<u>59.2</u>	<u>56.3</u>
	69642	<u>59.4</u>	<u>58.8</u>	<u>60.4</u>	<u>63.6</u>	<u>57.4</u>	<u>61.9</u>	<u>58.0</u>
	69630	<u>50.6</u>	<u>56.0</u>	<u>57.8</u>	<u>62.1</u>	<u>56.1</u>	<u>59.3</u>	<u>55.8</u>
	69633	<u>55.8</u>	<u>57.1</u>	<u>59.8</u>	<u>63.6</u>	<u>55.3</u>	<u>58.8</u>	<u>55.7</u>
	68430	<u>58.4</u>	<u>56.8</u>	<u>58.4</u>	<u>64.5</u>	<u>55.6</u>	<u>59.5</u>	<u>55.4</u>
	68631	<u>55.5</u>	<u>55.1</u>	<u>56.6</u>	<u>63.5</u>	<u>53.5</u>	<u>57.3</u>	<u>53.5</u>
	69634	<u>53.4</u>	<u>53.1</u>	<u>54.7</u>	<u>63.2</u>	<u>53.2</u>	<u>54.8</u>	<u>57.1</u>
	68567	<u>55.9</u>	<u>55.4</u>	<u>56.3</u>	<u>63.7</u>	<u>53.8</u>	<u>56.8</u>	<u>53.3</u>
	94227	<u>55.2</u>	<u>54.4</u>	<u>56.5</u>	<u>63.4</u>	<u>54.4</u>	<u>56.7</u>	<u>53.2</u>
LASB50442	68648	<u>56.5</u>	<u>55.6</u>	<u>57.8</u>	<u>62.7</u>	<u>55.3</u>	<u>59.0</u>	<u>54.4</u>
	69644	<u>50.8</u>	<u>56.6</u>	<u>59.4</u>	<u>62.3</u>	<u>56.5</u>	<u>58.7</u>	<u>55.0</u>
LASB50443	69183	<u>57.8</u>	<u>57.4</u>	<u>58.8</u>	<u>63.8</u>	<u>56.1</u>	<u>59.3</u>	<u>56.1</u>
	69638	<u>57.9</u>	<u>56.7</u>	<u>58.5</u>	<u>64.3</u>	<u>56.0</u>	<u>59.2</u>	<u>55.8</u>

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INITIAL Von

DATE 9/12/16

TA-54 Area G Remediated Nitrate Salt Waste Container Monitoring

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Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
TA-54-0375 Cell 2 (continued)							
68624	58.1	56.6	59.0	63.5	56.3	59.8	55.7
68507	57.4	56.9	58.4	63.8	56.5	59.3	55.6
69568	50.1	54.7	50.1	63.3	54.1	57.3	53.7
69553	54.9	54.6	55.7	63.1	54.2	56.9	53.1
69598	50.0	56.1	58.1	65.2	55.9	58.5	55.2
LASB50559	92472	53.0	53.8	54.3	63.0	52.4	54.6
	92459	53.7	52.3	53.9	63.4	57.8	53.8
69015	57.9	57.0	59.2	64.4	56.4	59.3	56.0
69639	57.5	56.7	58.0	63.1	56.7	58.6	55.1
69637	57.3	56.7	58.0	64.0	55.9	59.4	54.8
End Time (6.[14])	1321	1331	1328	1349	1321	1315	1310
6.[14]	WO: <u>Von</u> WO: <u>MZ</u>	WO: <u>EP</u> WO: <u>MZ</u>	WO: <u>Von</u> WO: <u>MZ</u>	WO: <u>EP</u> WO: <u>MZ</u>	WO: <u>MZ</u> WO: <u>RJ</u>	WO: <u>MZ</u> WO: <u>RJ</u>	WO: <u>MZ</u> WO: <u>RJ</u>

Comments: N/C

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6.[18] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
Valerie Martinez	Valerie Martinez	23958	VM	9/12/16
Juan Garcia	Juan Garcia	169840	JG	9-12-16
Edward Pacheco	Edward Pacheco	100447	EP	9-13-18
MATTHEW ZOCCO	Matthew Zocco	311676	MZ	9-13-16
Valerie Martinez	Valerie Martinez	23958	VM	9/14/16
MATTHEW ZOCCO	Matthew Zocco	311676	MZ	9-14-16
Edward Pacheco	Edward Pacheco	100447	EP	9-15-16

Waste Operator (print)	Signature	Z#	Initials	Date
MATTHEW ZOCCO	Matthew Zocco	311676	MZ	9-15-16
MATTHEW ZOCCO	Matthew Zocco	311676	MZ	9-16-16
Rudy Valpardo	Rudy Valpardo	122022	RV	9-16-14
MATTHEW ZOCCO	Matthew Zocco	311676	MZ	9-17-16
Rudy Valpardo	Rudy Valpardo	122022	RV	9-17-14
MATTHEW ZOCCO	Matthew Zocco	311676	MZ	9-18-16
Rudy Valpardo	Rudy Valpardo	122022	RV	9-18-14

9.1[2] Reviewed by:

SOM (print)	Signature	Z#	Initials	Date

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

NOTE Containers marked by an (*) are POCs.

	Monday 6-[4] Date & Start Time 9-12-16/1311	Tuesday 6-[4] Date & Start Time 9-13-16/1320	Wednesday 6-[4] Date & Start Time 9-14-16/1318	Thursday 6-[4] Date & Start Time 9-15-16/1342	Friday 6-[4] Date & Start Time 9-16-16/1300	Saturday 6-[4] Date & Start Time 9-17-16/1300	Sunday 6-[4] Date & Start Time 9-18-16/1300
TA-54-0375 Cell 3							
Calibrated infrared thermometer (4.2.112)(B)	Brand <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>6-20-17</u> File Number <u>101975</u>	Brand <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>6-20-17</u> File Number <u>101975</u>	Brand <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>6-20-17</u> File Number <u>101975</u>	Brand <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>6-20-17</u> File Number <u>101975</u>	Brand <u>FLUKE</u> Model <u>561</u> Cal. Due Date <u>6-20-17</u> File Number <u>101975</u>	Brand <u>FLUKE</u> Model <u>561</u> Cal. Due Date <u>6-20-17</u> File Number <u>101975</u>	Brand <u>FLUKE</u> Model <u>561</u> Cal. Due Date <u>6-20-17</u> File Number <u>101975</u>
Ambient Temperature (6.5)	<u>101.5</u> °F	<u>61.4</u> °F	<u>100.5</u> °F	<u>61.3</u> °F	<u>60.4</u> °F	<u>63.2</u> °F	<u>58.5</u> °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.16)	<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 #	Temp (°F) (6.18 6.19 6.110)	Temp (°F) (6.18 6.19 6.110)	Temp (°F) (6.18 6.19 6.110)	Temp (°F) (6.18 6.19 6.110)	Temp (°F) (6.18 6.19 6.110)	Temp (°F) (6.18 6.19 6.110)	Temp (°F) (6.18 6.19 6.110)
69519	<u>100.4</u>	<u>60.6</u>	<u>59.9</u>	<u>60.3</u>	<u>56.7</u>	<u>60.7</u>	<u>56.5</u>
69645	<u>58.1</u>	<u>55.8</u>	<u>58.0</u>	<u>57.8</u>	<u>54.4</u>	<u>57.5</u>	<u>54.3</u>
94068	<u>58.2</u>	<u>58.2</u>	<u>59.1</u>	<u>59.2</u>	<u>55.6</u>	<u>59.4</u>	<u>54.7</u>
93605	<u>59.3</u>	<u>57.9</u>	<u>59.2</u>	<u>59.9</u>	<u>58.2</u>	<u>59.5</u>	<u>55.7</u>
69548	<u>100.7</u>	<u>58.3</u>	<u>101.1</u>	<u>60.2</u>	<u>58.4</u>	<u>62.7</u>	<u>57.0</u>
69604	<u>100.5</u>	<u>58.0</u>	<u>59.8</u>	<u>59.9</u>	<u>57.3</u>	<u>60.9</u>	<u>56.6</u>
LASB50529 68665	<u>58.3</u>	<u>57.8</u>	<u>57.9</u>	<u>59.1</u>	<u>55.6</u>	<u>59.7</u>	<u>55.5</u>
LASB50418 69595	<u>59.5</u>	<u>58.4</u>	<u>59.0</u>	<u>59.5</u>	<u>58.7</u>	<u>59.5</u>	<u>55.4</u>
69036	<u>100.7</u>	<u>59.0</u>	<u>100.9</u>	<u>59.8</u>	<u>58.6</u>	<u>63.3</u>	<u>56.6</u>
LASB50451 69361	<u>59.3</u>	<u>58.8</u>	<u>100.0</u>	<u>60.4</u>	<u>57.6</u>	<u>60.7</u>	<u>56.1</u>
69559	<u>100.0</u>	<u>58.5</u>	<u>101.0</u>	<u>60.5</u>	<u>58.2</u>	<u>60.9</u>	<u>58.5</u>
LASB50448 69491	<u>100.0</u>	<u>58.6</u>	<u>100.0</u>	<u>59.3</u>	<u>58.7</u>	<u>60.6</u>	<u>56.1</u>

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Container ID #	Temp (°F) (6.18/6.19/6.110)	Temp (°F) (6.18/6.19/6.110)	Temp (°F) (6.18/6.19/6.110)	Temp (°F) (6.18/6.19/6.110)	Temp (°F) (6.18/6.19/6.110)	Temp (°F) (6.18/6.19/6.110)	Temp (°F) (6.18/6.19/6.110)
TA-54-0375 Cell 3 (continued)							
87827	60.8	60.4	60.9	62.6	61.1	62.9	60.6
87826	61.4	60.2	61.2	62.0	59.2	61.4	57.5
87823	59.0	60.4	62.4	62.9	61.4	62.6	59.2
87825	62.9	63.1	65.5	64.6	62.9	65.5	59.6
End Time (6.114)	1315	1325	1322	1345	1308	1305	1304
6.114	WO: <u>VON</u> WO: <u>J</u>	WO: <u>EP</u> WO: <u>MZ</u>	WO: <u>VON</u> WO: <u>MZ</u>	WO: <u>EP</u> WO: <u>MZ</u>	WO: <u>MZ</u> WO: <u>RV</u>	WO: <u>MZ</u> WO: <u>RV</u>	WO: <u>MZ</u> WO: <u>RV</u>

Comments: N/C

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6.1[18] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
Valerie Martinez	Valerie Martinez	23958	Von	9/12/16
Waste Operator (print)	Signature	Z#	Initials	Date
Juan Garcia	Juan Garcia	16990	JG	9-12-16
Waste Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	Edward Pacheco	100497	EP	9-13-16
Waste Operator (print)	Signature	Z#	Initials	Date
MATTHEW ZOCCO	Matthew Zocco	1311676	MZ	9-13-16
Waste Operator (print)	Signature	Z#	Initials	Date
Valerie Martinez	Valerie Martinez	23958	Von	9/14/16
Waste Operator (print)	Signature	Z#	Initials	Date
MATTHEW ZOCCO	Matthew Zocco	1311676	MZ	9-14-16
Waste Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	Edward Pacheco	100497	EP	9-15-16
Waste Operator (print)	Signature	Z#	Initials	Date

Waste Operator (print)	Signature	Z#	Initials	Date
MATTHEW ZOCCO	Matthew Zocco	1311676	MZ	9-15-16
Waste Operator (print)	Signature	Z#	Initials	Date
MATTHEW ZOCCO	Matthew Zocco	1311676	MZ	9-16-16
Waste Operator (print)	Signature	Z#	Initials	Date
Rudy Vazquez	Rudy Vazquez	1220274	RV	9-16-16
Waste Operator (print)	Signature	Z#	Initials	Date
MATTHEW ZOCCO	Matthew Zocco	1311676	MZ	9-17-16
Waste Operator (print)	Signature	Z#	Initials	Date
Rudy Vazquez	Rudy Vazquez	1220274	RV	9-17-16
Waste Operator (print)	Signature	Z#	Initials	Date
MATTHEW ZOCCO	Matthew Zocco	1311676	MZ	9-18-16
Waste Operator (print)	Signature	Z#	Initials	Date
Rudy Vazquez	Rudy Vazquez	1220274	RV	9-18-16
Waste Operator (print)	Signature	Z#	Initials	Date

9.1[2] Reviewed by:

SOM (print)	Signature	Z#	Initials	Date

TA-54 Area G Remediated Nitrate Salt Waste Container Monitoring

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

NOTE SWB/drum 69417 is no longer considered a RNS drum by LANL or NMED. Containers marked by an (*) are POCs.

	Monday 6.[4] Date & Start Time: 9-19-16/1322	Tuesday 6.[4] Date & Start Time: 9-20-16/1326	Wednesday 6.[4] Date & Start Time:	Thursday 6.[4] Date & Start Time:	Friday 6.[4] Date & Start Time:	Saturday 6.[4] Date & Start Time:	Sunday 6.[4] Date & Start Time:
TA-54-0375 Cell 1							
Calibrated infrared thermometer (4.2.1[2][B])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number: <u>101975</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-20-17</u> File Number: <u>101975</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.[5])	<u>60.8</u> °F	<u>62.6</u> °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[6])	<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 #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
68685	<u>62.5</u>	<u>62.7</u>					
LA00000070503	68540 <u>63.1</u>	<u>61.8</u>					
	68553 <u>62.2</u>	<u>61.8</u>					
69445	<u>62.3</u>	<u>59.4</u>					
69618	<u>62.7</u>	<u>60.8</u>					
69013	<u>64.0</u>	<u>61.5</u>					
LASB50522 69076	<u>62.2</u>	<u>59.5</u>					
LASB50452 69490	<u>61.3</u>	<u>60.5</u>					
LASB50431 69280	<u>61.8</u>	<u>59.8</u>					
LASB50069 69208	<u>60.7</u>	<u>59.9</u>					
LASB50073 69079	<u>61.8</u>	<u>59.7</u>					
69636	<u>60.7</u>	<u>58.5</u>					

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Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
TA-54-0375 Cell 1 (continued)							
69616	61.5	59.4					
69417	N/A	N/A	N/A	N/A	N/A	N/A	N/A
69620	62.2	60.1					
69520	61.8	59.6					
69641	61.3	59.6					
69298	60.0	59.2					
LASB02203 92669	58.9	57.6					
End Time (6.[14])	1328	1330					
6.[14]	WO: <u>FA</u> WO: <u>CA</u>	WO: <u>EP</u> WO: <u>MZ</u>	WO: _____ WO: _____	WO: _____ WO: _____	WO: _____ WO: _____	WO: _____ WO: _____	WO: _____ WO: _____

Comments:

TA-54 Area G Remediated Nitrate Salt Waste Container Monitoring

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6.[18] Performed by:

<u>Fabian Amaya</u>	<u>Fabian Amaya</u>	<u>1174913</u>	<u>FA</u>	<u>19-19-14</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>141506</u>	<u>LM</u>	<u>19-19-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Edward Pacheco</u>	<u>Edward Pacheco</u>	<u>100497</u>	<u>EP</u>	<u>19-20-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>MATTHEW ZACC</u>	<u>Matthew Zacc</u>	<u>1311676</u>	<u>MZ</u>	<u>19-20-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	Z#	Initials	Date

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

9.1[2] Reviewed by:

SOM (print)	Signature	Z#	Initials	Date
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TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

NOTE Containers marked by an (*) are POCs.

		Monday 6.[4] Date & Start Time: <u>9-19-16/1313</u>	Tuesday 6.[4] Date & Start Time: <u>9-20-16/1319</u>	Wednesday 6.[4] Date & Start Time: _____	Thursday 6.[4] Date & Start Time _____	Friday 6.[4] Date & Start Time: _____	Saturday 6.[4] Date & Start Time _____	Sunday 6.[4] Date & Start Time: _____
TA-54-0375 Cell 2								
Calibrated infrared thermometer (4.2.1[2][B])	Brand <u>Fluke</u> Model <u>561</u> Cal Due Date <u>1-28-17</u> File Number <u>104841</u>	Brand <u>Fluke</u> Model <u>561</u> Cal Due Date <u>1-28-17</u> File Number <u>104841</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 _____	Brand _____ Model _____ Cal Due Date _____ File Number _____
Ambient Temperature (6.[5])	<u>56.1</u> °F	<u>55.1</u> °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F
(S) Temperature ≤ 75°F SR 4 ESS 5 I (6 [6])	<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	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Container ID #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
LASB02198 68408	<u>55.2</u>	<u>54.2</u>						
68638	<u>56.1</u>	<u>58.2</u>						
69615	<u>57.5</u>	<u>57.2</u>						
69635	<u>57.1</u>	<u>55.9</u>						
69642	<u>58.1</u>	<u>57.7</u>						
69630	<u>57.6</u>	<u>55.5</u>						
69633	<u>56.2</u>	<u>56.9</u>						
68430	<u>57.8</u>	<u>54.0</u>						
68631	<u>53.8</u>	<u>52.5</u>						
69634	<u>53.7</u>	<u>54.3</u>						
68567	<u>54.4</u>	<u>53.6</u>						
94227	<u>56.3</u>	<u>54.7</u>						
LASB50442 68648	<u>56.0</u>	<u>55.7</u>						
69644	<u>56.5</u>	<u>55.4</u>						
LASB50443 69183	<u>56.8</u>	<u>55.6</u>						
69638	<u>56.8</u>	<u>55.8</u>						

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Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
TA-54-0375 Cell 2 (continued)							
68624	57.0	56.4					
68507	57.1	56.8					
69568	54.5	54.2					
69553	54.6	54.9					
69598	57.4	56.2					
LASB50559	92472	54.2	53.8				
	92459	52.2	52.1				
69015	56.6	56.7					
69639	56.8	56.5					
69637	56.8	55.8					
End Time (6.[14])	1321	1325					
6.[14]	WO: <u>FOA</u> WO: <u>LM</u>	WO: <u>EP</u> WO: <u>MZ</u>	WO: _____ WO: _____	WO: _____ WO: _____	WO: _____ WO: _____	WO: _____ WO: _____	WO: _____ WO: _____

Comments:

UET

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6.[18] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
<i>Fabian Anaya</i>	<i>Fabian Anaya</i>	<i>1174952</i>	<i>FA</i>	<i>9-19-16</i>
Waste Operator (print)	Signature	Z#	Initials	Date
<i>Leon Montoya</i>	<i>Leon Montoya</i>	<i>191520</i>	<i>LM</i>	<i>9-19-16</i>
Waste Operator (print)	Signature	Z#	Initials	Date
<i>Edward Pacheco</i>	<i>Edward Pacheco</i>	<i>1100497</i>	<i>EP</i>	<i>9-20-16</i>
Waste Operator (print)	Signature	Z#	Initials	Date
<i>MATTHEW ZOCCO</i>	<i>Matthew Zocco</i>	<i>1311676</i>	<i>MZ</i>	<i>9-20-16</i>
Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	Z#	Initials	Date

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

9.1[2] Reviewed by:

SOM (print)	Signature	Z#	Initials	Date

TA-54 Area G Remediated Nitrate Salt Waste Container Monitoring

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

NOTE Containers marked by an (*) are POCs.

	Monday 6.[4] Date & Start Time: <u>9/19/16-1305</u>	Tuesday 6.[4] Date & Start Time: <u>9/20/16-1313</u>	Wednesday 6.[4] Date & Start Time:	Thursday 6.[4] Date & Start Time:	Friday 6.[4] Date & Start Time:	Saturday 6.[4] Date & Start Time:	Sunday 6.[4] Date & Start Time:
TA-54-0375 Cell 3							
Calibrated infrared thermometer (4.2.1 2 B)	Brand <u>Fluke</u> Model <u>561</u> Cal Due Date <u>6-20-17</u> File Number <u>101975</u>	Brand <u>Fluke</u> Model <u>561</u> Cal Due Date <u>6-20-17</u> File Number <u>101975</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 (6.5)	<u>60.8</u> °F	<u>60.1</u> °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.6)	<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 #	Temp (°F) (6.8 6.9 6.10)	Temp (°F) (6.8 6.9 6.10)	Temp (°F) (6.8 6.9 6.10)	Temp (°F) (6.8 6.9 6.10)	Temp (°F) (6.8 6.9 6.10)	Temp (°F) (6.8 6.9 6.10)	Temp (°F) (6.8 6.9 6.10)
69519	<u>59.8</u>	<u>57.3</u>					
69645	<u>57.2</u>	<u>56.2</u>					
94068	<u>58.7</u>	<u>56.7</u>					
93605	<u>60.2</u>	<u>58.0</u>					
69548	<u>59.8</u>	<u>57.6</u>					
69604	<u>60.0</u>	<u>58.1</u>					
LASB50529 68665	<u>57.9</u>	<u>56.2</u>					
LASB50418 69595	<u>58.9</u>	<u>57.5</u>					
69036	<u>59.8</u>	<u>59.1</u>					
LASB50451 69361	<u>59.8</u>	<u>59.1</u>					
69559	<u>60.1</u>	<u>59.0</u>					
LASB50448 69491	<u>60.2</u>	<u>58.5</u>					

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Container ID #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
TA-54-0375 Cell 3 (continued)							
87827	62.8	59.1					
87826	61.2	60.0					
87823	62.3	59.9					
87825	62.7	61.0					
End Time (6.[14])	1312	1318					
6.[14]	WO: <u>FR</u> WO: <u>LM</u>	WO: <u>FP</u> WO: <u>MZ</u>	WO: _____ WO: _____	WO: _____ WO: _____	WO: _____ WO: _____	WO: _____ WO: _____	WO: _____ WO: _____

Comments:

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6.[18] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
Fabian Anaya	<i>Fabian Anaya</i>	1174967	FA	9-19-16
Waste Operator (print)	Signature	Z#	Initials	Date
<i>Leon Montoya</i>	<i>Leon Montoya</i>	191526	LM	9-19-16
Waste Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	<i>Edward Pacheco</i>	1100417	EP	9-20-16
Waste Operator (print)	Signature	Z#	Initials	Date
MATTHEW ZOCCA	<i>Matthew Zocca</i>	1311676	MZ	9-20-16
Waste Operator (print)	Signature	Z#	Initials	Date
/	/	/	/	/
Waste Operator (print)	Signature	Z#	Initials	Date
/	/	/	/	/
Waste Operator (print)	Signature	Z#	Initials	Date
/	/	/	/	/
Waste Operator (print)	Signature	Z#	Initials	Date
/	/	/	/	/

Waste Operator (print)	Signature	Z#	Initials	Date
/	/	/	/	/
Waste Operator (print)	Signature	Z#	Initials	Date
/	/	/	/	/
Waste Operator (print)	Signature	Z#	Initials	Date
/	/	/	/	/
Waste Operator (print)	Signature	Z#	Initials	Date
/	/	/	/	/
Waste Operator (print)	Signature	Z#	Initials	Date
/	/	/	/	/
Waste Operator (print)	Signature	Z#	Initials	Date
/	/	/	/	/
Waste Operator (print)	Signature	Z#	Initials	Date
/	/	/	/	/
Waste Operator (print)	Signature	Z#	Initials	Date
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9.1[2] Reviewed by:

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