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Sent: Wednesday, June 15, 2016 2:33 PM

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Subject: Monthly Technical Submittal May 19, 2016 - June 15, 2016

Linked below is the written monthly technical summary for May 19, - June 15, 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.

Luciana Vigil-Holterman for

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NMED / LANL Technical Summary

May 19, 2016 – June 15, 2016

Participants:

- New Mexico Environment Department: Neelam Dhawan, Siona Briley
- LANL – NNSA- Los Alamos Field Office: Karen Armijo
- Environmental Management- Los Alamos Field Office (EM-LA): Ramoncita Massey
- LANL – Los Alamos National Security: Mark Haagenstad, Luciana Vigil-Holterman, Lydia Martinez, Agnerys Rodriguez Santos

LANL Technical Update:

- **Location of Nitrate Salt-Bearing Wastes**
 - Remediated nitrate salt-bearing waste containers (54 SWBs and 4 overpacked POCs).
 - All containers remain in the 375 Permacon.
- **Monitoring - Daily Temperature**
 - Temperatures are currently below 75°F.
 - Previous 28 days' temperature data attached .
- **Monitoring – Visual Inspections**
 - No abnormal conditions were observed.
- **Monitoring – headspace gas (HSG)**
 - Containers (SWBs) 68685 and SB50522 continue daily head space gas (HSG) sample collection.
 - May 18, 2016 – June 14, 2016 HSG data (H₂, CO, CO₂ and N₂O) attached.
 - Other containers:
 - A minimum of once per month HSG sampling will be conducted.
 - Through June 14th, 2016, LANL has completed HSG sampling for the month on 60 containers.
 - June 2016 HSG data (H₂, CO, CO₂ and N₂O) attached.
- **Additional measures currently underway**
 - Twice-weekly HSG sample collection on five other SWB overpacks (containing 55-gallon drums of remediated nitrate salt-bearing waste).
 - HSG data (H₂, CO, CO₂ and N₂O) attached for May and June, 2016.
 - Graphical depictions of HSG data are attached for the two containers required to be sampled daily and the five other SWB overpacks 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.

- Additional HSG samples have been collected to support SWB lid removal activities and pressure relief device and supplemental filtration as described in the LANL Isolation Plan, Revision 6. Any of these data collected from May 19, 2016 – June 14, 2016 are included in the attached.
- **Anticipated Changes to Nitrate Salt-Bearing Waste Containers (e.g. movement, re-packaging)**
 - Currently, no further movements or re-packaging are occurring.

Other:

Next Call: Wednesday, July 20, 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 is becomes available.	Submitted 100 out of 586 RTRs and documentation on October 3, 2014. Submitted documentation for 101-200 containers on October 10, 2014. Submitted documentation for 201-300 containers on October 16, 2014. Submitted documentation for 301-400 containers on October 23, 2014. Submitted documentation for 401-500 containers on October 27, 2014. Submitted documentation for 501-586 containers on November 12, 2014. Submitted RTR Videos 101-150 on November 12, 2014. Submitted RTR Videos 151-200 on November 20, 2014. Submitted RTR Videos 201-250 on December 1, 2014. Submitted RTR Videos 251-300 on December 19, 2014. Submitted RTR Videos 301-312 on January 15, 2015.
39.	NMED requested a diagram of the location of the thermocouples on 68685 and SB50522.	LANL	---	Complete October 27, 2014
40.	NMED requested a copy of the safety basis document for remediation planning when it is finalized.	LANL	Document is currently in Draft and final path has not yet been determined.	Closed. November 19, 2015 meeting with NMED-HWB personnel.

	Requested Information	Actionee	Status	Completion Date
41.	Trending and correlation of temperature and HSG monitoring data.	LANL	---	Complete November 19, 2015 HSG data modeling report to be included with the LANL Isolation Plan and graphical 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
05/18/16	142	228	4177	966																
05/19/16	131	242	4356	1008	183	423	9446	1162	115	302	6061	338	325	461	7827	1388	524	848	15732	2144
05/20/16	145	245	4597	1076																
05/21/16	127	191	4155	937																
05/22/16	154	241	5003	1062																
05/23/16	130	234	4625	1043	183	419	8849	1116	112	268	5377	270	337	462	7751	1278	540	855	15692	2070
05/24/16	152	253	4921	1084	186	429	9072	1129	19	140	3092	170	342	483	8162	1363	533	826	15572	2039
05/25/16	134	233	4577	1068					117	310	5632	325								
05/26/16	613	1546	34160	8056	598	1975	44038	5883	485	1708	35205	1992	775	1978	37646	6703	1913	4403	86179	12663
05/27/16	449	1351	29723	6892																
05/28/16	322	1023	24179	5588																
05/29/16	355	1248	29818	6849																
05/30/16	325	1154	28526	6557	352	1488	36692	4921	302	1270	29572	1696	442	1489	32278	5717	1015	2901	67891	9563
05/31/16	297	1109	28415	6376																
06/01/16	264	976	25024	5576	278	1311	32621	4305	286	1218	28356	1547								
06/02/16	281	1001	26226	5832									367	1260	28086	4818	1037	2771	67432	9114
06/03/16	289	1055	27396	5970																
06/04/16	275	996	27740	6033																
06/05/16	277	1008	27793	5951																
06/06/16	257	963	26333	5597	285	1183	30338	3960	251	1007	25394	1371	314	1051	24935	4179	781	2101	52469	6790
06/07/16	265	971	26992	5763																
06/08/16	248	935	25363	5374																
06/09/16	263	1000	27298	5667	217	827	22320	2844	235	930	23262	1243	307	1044	24708	4092	938	2297	60710	7824
06/10/16	275	1043	27954	5810																
06/11/16	250	926	26191	5422																
06/12/16	268	979	27687	5729																
06/13/16	246	950	26190	5449	277	1019	26178	3447	225	875	21568	1163	327	1067	24961	4165	910	2268	58080	7529
06/14/16	241	923	25714	5343																

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
05/18/16					484	416	20168	1231												
05/19/16	701	519	7352	1252	632	565	27013	1648												
05/20/16					635	522	24052	1448												
05/21/16					652	522	26816	1623												
05/22/16					692	559	27209	1631												
05/23/16	708	529	7292	1262	599	501	24827	1435												
05/24/16	719	514	7165	1188	632	504	24417	1484									21	71	1636	80
05/25/16					642	542	26493	1574												
05/26/16	1173	2482	39646	6419	2024	2984	56640	10219												
05/27/16					1400	2427	46447	8615												
05/28/16					1224	2266	43789	8273												
05/29/16					1232	2457	47402	8997												
05/30/16	540	1705	32543	5219	1027	2113	41706	8060												
05/31/16					990	2124	42434	8323												
06/01/16					904	1907	36798	7241												
06/02/16	466	1545	29905	4722	868	1866	36716	7232									16	68	1853	119
06/03/16					898	1850	35784	7009												
06/04/16					875	1787	35503	7096												
06/05/16					888	1826	35650	7150												
06/06/16	348	1188	23959	3745	660	1370	25952	5254												
06/07/16					882	1820	34005	6936	192	218	3624	773	89	61	752	58				
06/08/16					859	1712	32974	6762												
06/09/16	381	1260	25858	3977	804	1589	30876	6407												
06/10/16					901	1818	33300	6844												
06/11/16					839	1624	30566	6335												
06/12/16					872	1711	31038	6510												
06/13/16	401	1292	25747	4008	495	1091	17923	3801												
06/14/16					838	1659	29711	6265												

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	70503 - 68540				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	
05/18/16																					
05/19/16					43	112	2321	312													
05/20/16																					
05/21/16																					
05/22/16					41	99	2186	253	60	214	3484	435	24	65	1861	172	18	46	977	73	
05/23/16																					
05/24/16	71	175	3994	344																	
05/25/16																					
05/26/16																					
05/27/16																					
05/28/16																					
05/29/16																					
05/30/16																					
05/31/16																					
06/01/16					28	87	1842	175	47	189	3449	447	17	0	1510	118	9	0	656	0	
06/02/16	53	155	3653	386																	
06/03/16																					
06/04/16																					
06/05/16																					
06/06/16																					
06/07/16																					
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06/11/16																					
06/12/16																					
06/13/16																					
06/14/16																					

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
05/18/16									141	238	1971	637								
05/19/16																				
05/20/16																				
05/21/16																				
05/22/16																				
05/23/16													824	1612	27716	4249				
05/24/16																	463	1214	22196	2239
05/25/16																				
05/26/16																				
05/27/16																				
05/28/16																				
05/29/16																				
05/30/16																				
05/31/16									106	182	2130	540								
06/01/16																				
06/02/16									102	170	1920	521	723	1470	28520	4200	245	806	16592	1523
06/03/16																				
06/04/16																				
06/05/16																				
06/06/16																				
06/07/16	28	40	436	21	69	64	1091	144												
06/08/16																				
06/09/16																				
06/10/16																				
06/11/16																				
06/12/16																				
06/13/16																				
06/14/16																				

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
05/18/16									22	0	2533	382	390	1176	15727	5131				
05/19/16																				
05/20/16																				
05/21/16																				
05/22/16																				
05/23/16																				
05/24/16																				
05/25/16																	174	375	1846	1239
05/26/16																				
05/27/16																				
05/28/16																				
05/29/16																				
05/30/16																				
05/31/16									17	0	2395	323	268	871	12488	3936				
06/01/16																	120	306	1535	958
06/02/16									16	0	2486	307	254	849	12100	3868				
06/03/16																				
06/04/16																				
06/05/16																				
06/06/16																				
06/07/16	302	390	6709	2195	75	103	1297	532												
06/08/16																				
06/09/16																				
06/10/16																				
06/11/16																				
06/12/16																				
06/13/16																				
06/14/16																				

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	
05/18/16																					
05/19/16																					
05/20/16																					
05/21/16																					
05/22/16																					
05/23/16																	687	1572	31413	2830	
05/24/16									222	465	7761	976	683	1322	21713	4158					
05/25/16																					
05/26/16																					
05/27/16																					
05/28/16																					
05/29/16																					
05/30/16																					
05/31/16																					
06/01/16																	460	1235	26463	2319	
06/02/16									157	365	7108	852	482	1073	19279	3530					
06/03/16																					
06/04/16																					
06/05/16																					
06/06/16																					
06/07/16	30	0	587	44	289	376	6481	2119													
06/08/16																					
06/09/16																					
06/10/16																					
06/11/16																					
06/12/16																					
06/13/16																					
06/14/16																					

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
05/18/16																				
05/19/16					206	139	5313	969												
05/20/16																				
05/21/16																				
05/22/16																				
05/23/16	663	1175	22899	3024					314	653	11937	834	394	887	21620	2657	306	866	10290	2637
05/24/16																				
05/25/16																				
05/26/16																				
05/27/16																				
05/28/16																				
05/29/16																				
05/30/16																				
05/31/16																				
06/01/16	495	975	21950	2730	86	92	4042	564	205	488	10386	777					205	676	8411	2145
06/02/16													289	701	19150	2259				
06/03/16																				
06/04/16																				
06/05/16																				
06/06/16																				
06/07/16																				
06/08/16																				
06/09/16																				
06/10/16																				
06/11/16																				
06/12/16																				
06/13/16																				
06/14/16																				

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	
05/18/16																					
05/19/16																					
05/20/16																					
05/21/16																					
05/22/16					249	420	11322	646									285	495	8339	2111	
05/23/16	797	1397	18924	2985									34	80	2154	191					
05/24/16									825	1685	19360	6425	113	287	7124	728					
05/25/16																					
05/26/16																					
05/27/16																					
05/28/16																					
05/29/16																					
05/30/16																					
05/31/16																					
06/01/16	529	1069	15191	2356	178	362	10490	660					86	264	6511	600	273	578	11206	2489	
06/02/16									572	1372	17384	5680									
06/03/16																					
06/04/16																					
06/05/16																					
06/06/16																					
06/07/16																					
06/08/16																					
06/09/16																					
06/10/16																					
06/11/16																					
06/12/16																					
06/13/16																					
06/14/16																					

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
05/18/16					536	1297	18042	5806	731	1946	34354	8208								
05/19/16	426	1215	23423	3871													159	306	5026	641
05/20/16																	166	306	5307	684
05/21/16																				
05/22/16													45	100	628	727				
05/23/16																				
05/24/16																				
05/25/16																				
05/26/16																				
05/27/16																				
05/28/16																				
05/29/16																				
05/30/16																				
05/31/16	297	906	20016	3084	360	949	14183	4449	368	1032	19437	4469								
06/01/16													33	86	609	603	103	223	4369	544
06/02/16	290	878	18862	2919	358	916	13826	4379	489	1338	25167	5809								
06/03/16																				
06/04/16																				
06/05/16																				
06/06/16																				
06/07/16																				
06/08/16																				
06/09/16																				
06/10/16																				
06/11/16																				
06/12/16																				
06/13/16																				
06/14/16																				

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
05/18/16																				
05/19/16									371	1073	21523	2770								
05/20/16																				
05/21/16																				
05/22/16																	380	724	12750	2745
05/23/16	67	221	5851	192	1099	2438	31933	7907					447	971	22364	3068				
05/24/16																				
05/25/16									371	1060	21625	2696								
05/26/16																				
05/27/16																				
05/28/16																				
05/29/16																				
05/30/16																				
05/31/16									231	781	16743	2030								
06/01/16																	248	512	10166	2037
06/02/16	31	173	4440	152	813	1995	28755	6985	142	470	10389	1263	329	793	19850	2587				
06/03/16																				
06/04/16																				
06/05/16																				
06/06/16																				
06/07/16																				
06/08/16																				
06/09/16																				
06/10/16																				
06/11/16																				
06/12/16																				
06/13/16																				
06/14/16																				

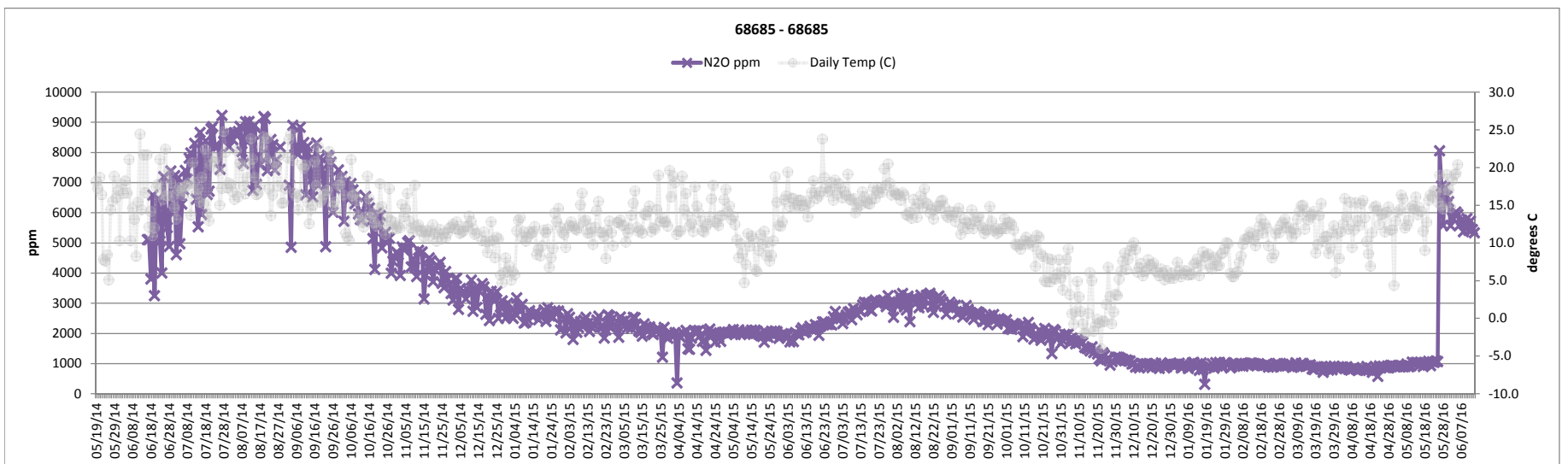
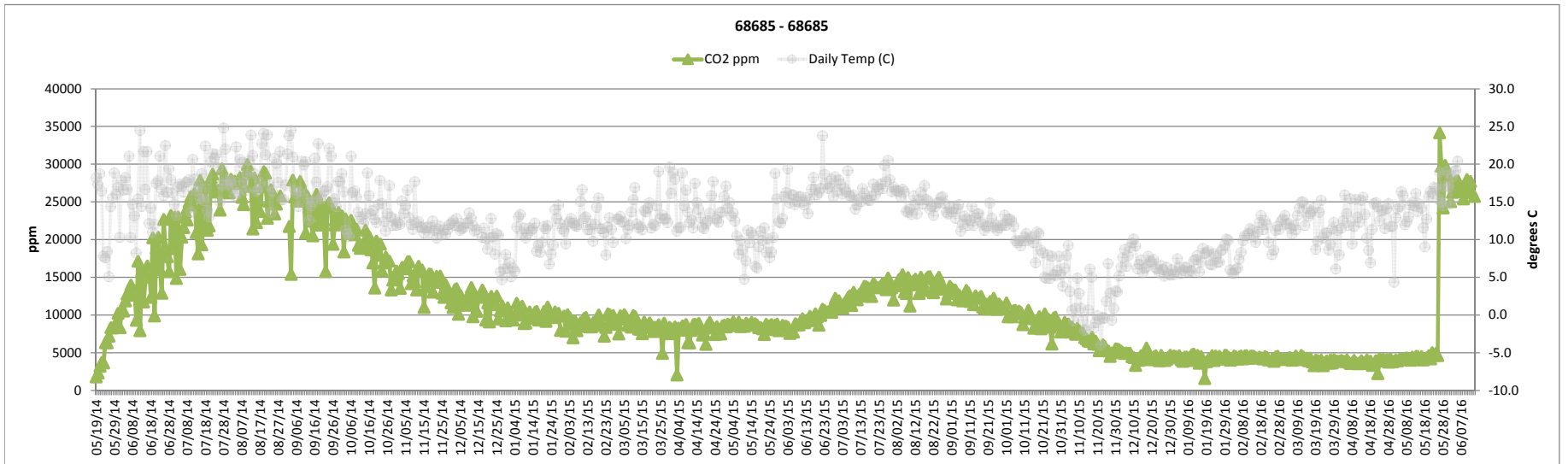
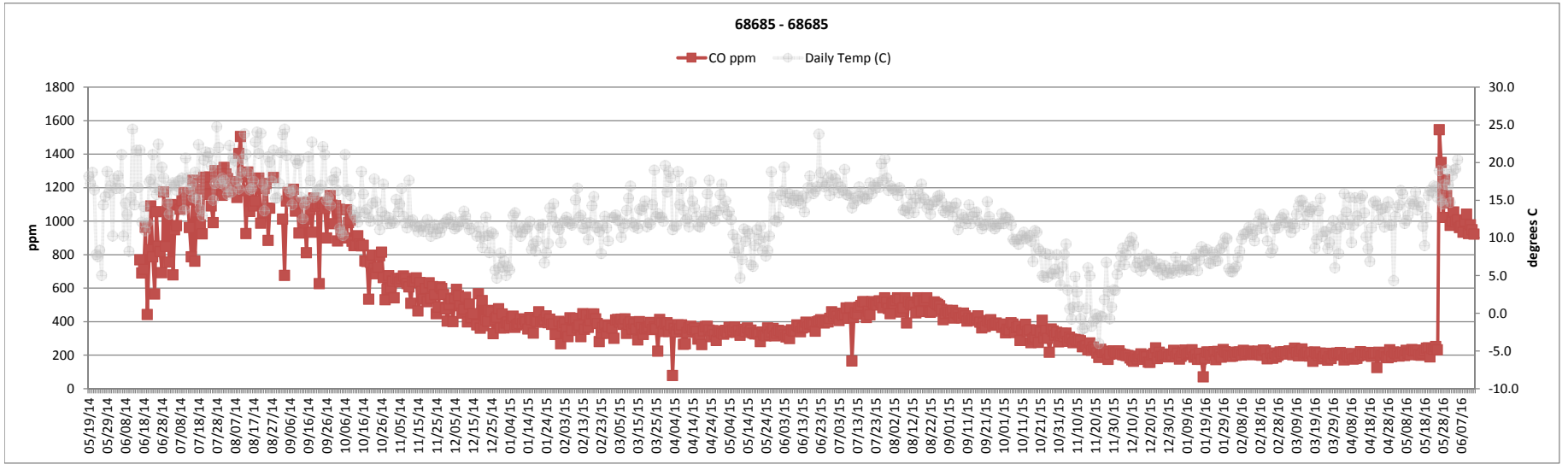
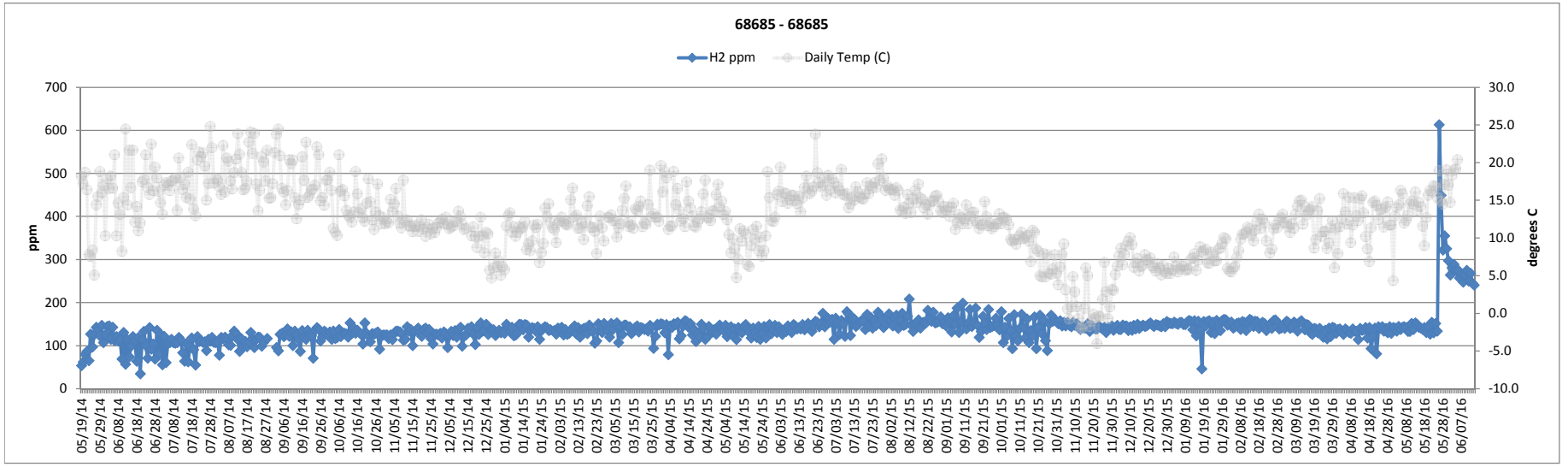
Remediated Nitrate Salt Container Headspace Gas Analysis

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
05/18/16					1228	1929	29576	5240												
05/19/16									324	645	10380	1407								
05/20/16																				
05/21/16																				
05/22/16																	65	123	4344	185
05/23/16	988	1820	24545	4976																
05/24/16																				
05/25/16																				
05/26/16																				
05/27/16																				
05/28/16																				
05/29/16																				
05/30/16																				
05/31/16					529	1013	17241	2888	231	527	8685	1123	220	505	10202	1134				
06/01/16	689	1386	20757	4120													42	87	3458	106
06/02/16					300	549	9332	1553	223	491	8267	1094	221	493	10018	1169				
06/03/16																				
06/04/16																				
06/05/16																				
06/06/16																				
06/07/16																				
06/08/16																				
06/09/16																				
06/10/16																				
06/11/16																				
06/12/16																				
06/13/16																				
06/14/16																				

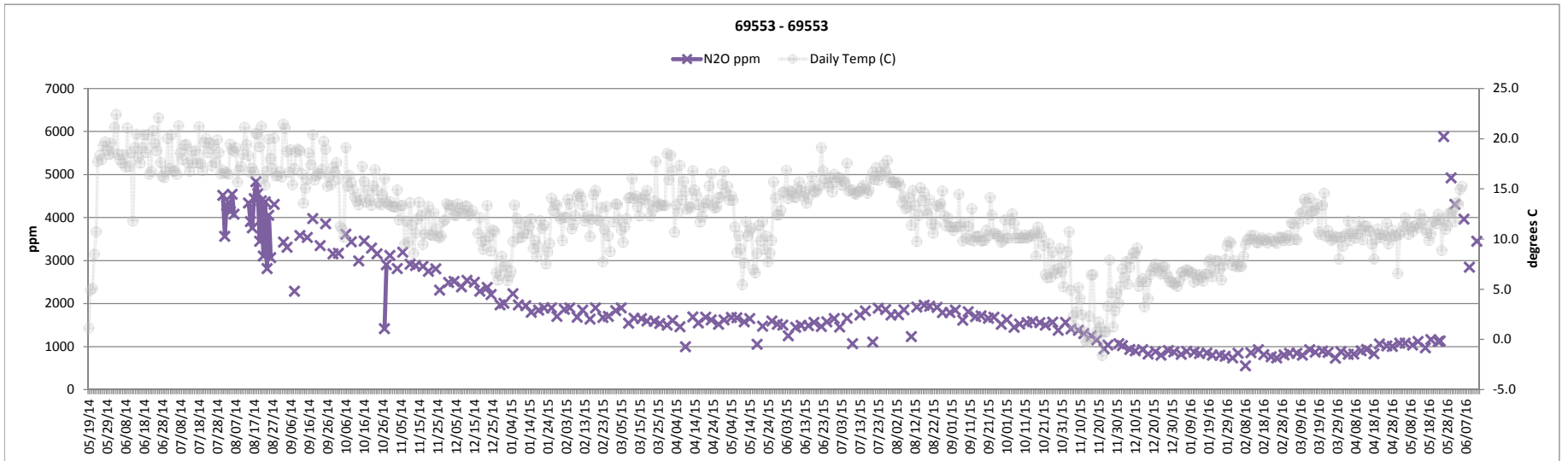
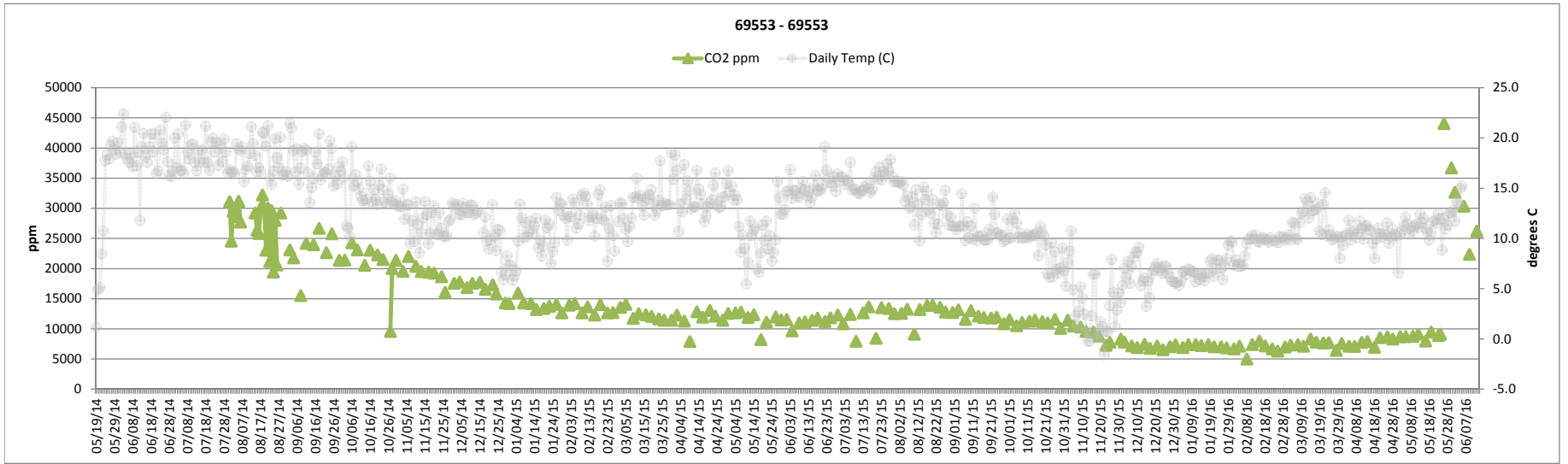
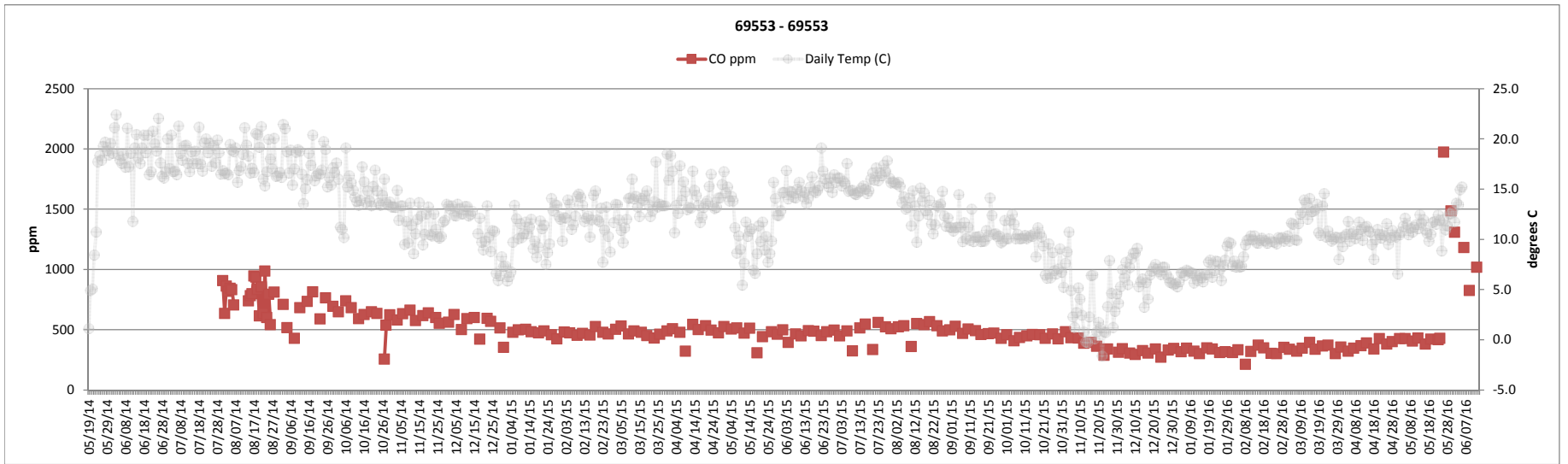
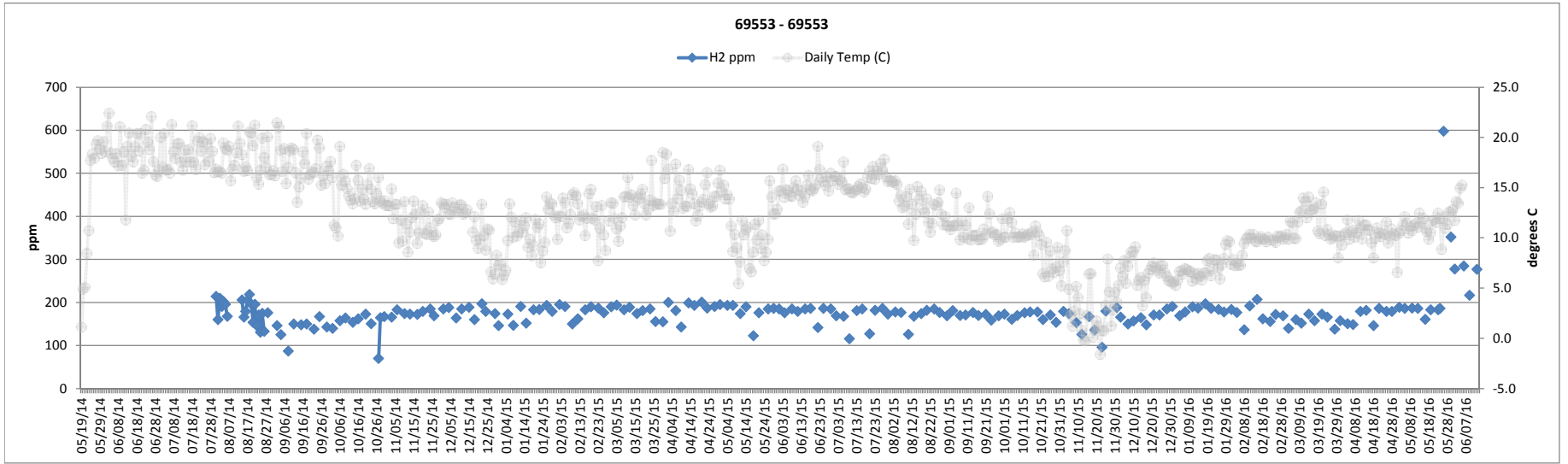
Remediated Nitrate Salt Container Headspace Gas Analysis

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
05/18/16																				
05/19/16																				
05/20/16																				
05/21/16																				
05/22/16	98	245	5612	365																
05/23/16																				
05/24/16																				
05/25/16																				
05/26/16																				
05/27/16																				
05/28/16																				
05/29/16																				
05/30/16																				
05/31/16																				
06/01/16	67	196	4643	286																
06/02/16																				
06/03/16																				
06/04/16																				
06/05/16																				
06/06/16					155	142	3762	654	165	164	5656	995	180	224	7665	1159	46	98	3070	343
06/07/16																				
06/08/16																				
06/09/16																				
06/10/16																				
06/11/16																				
06/12/16																				
06/13/16																				
06/14/16																				

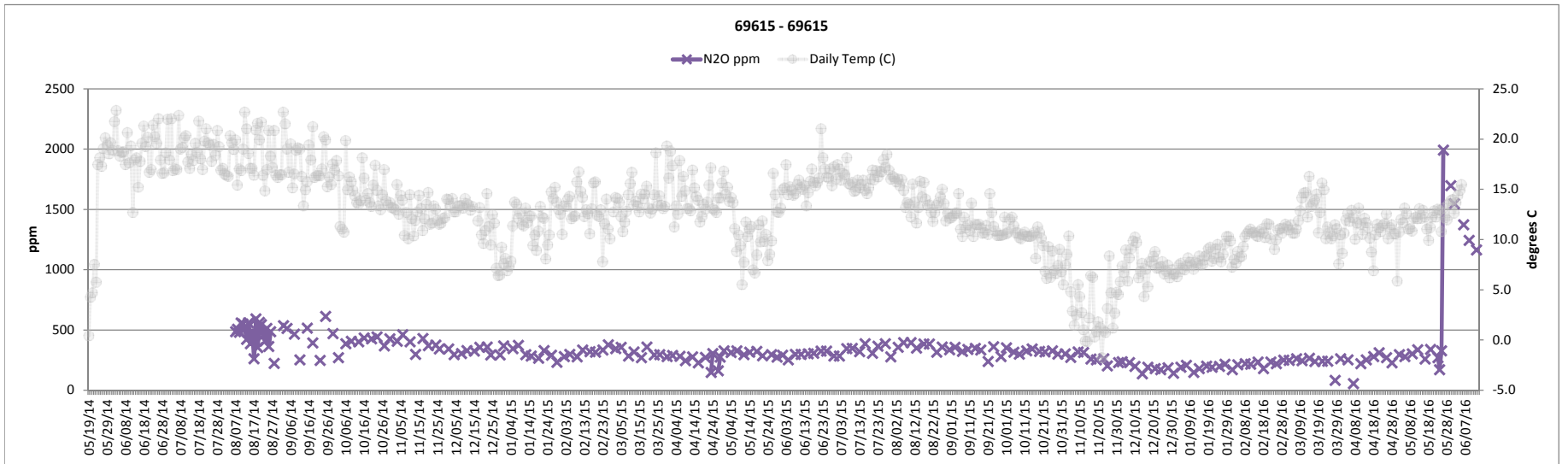
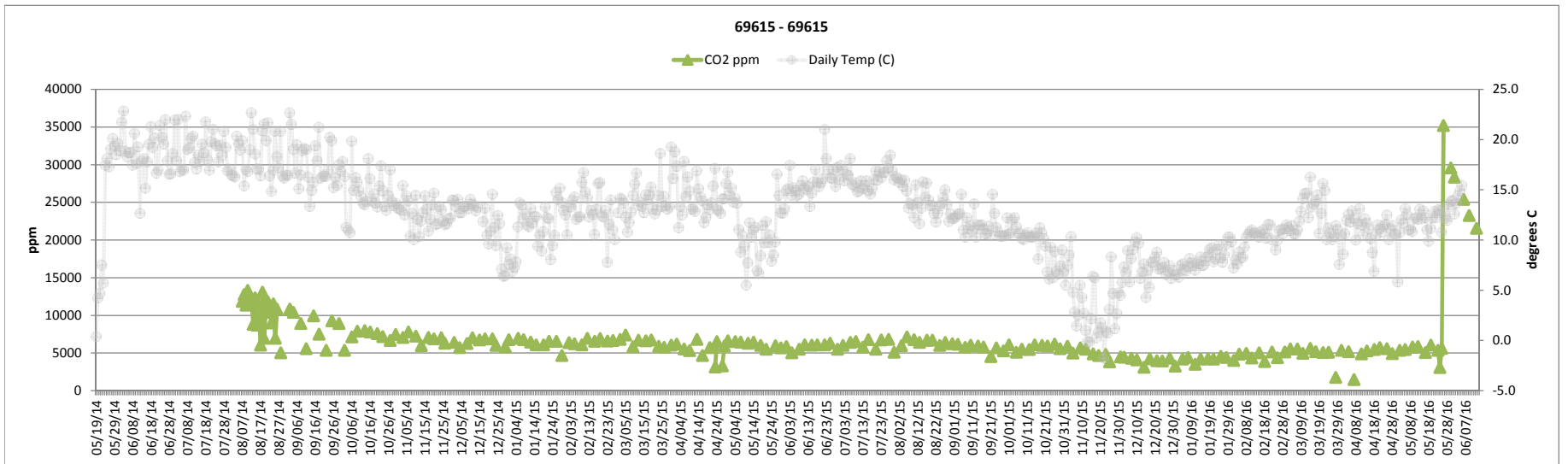
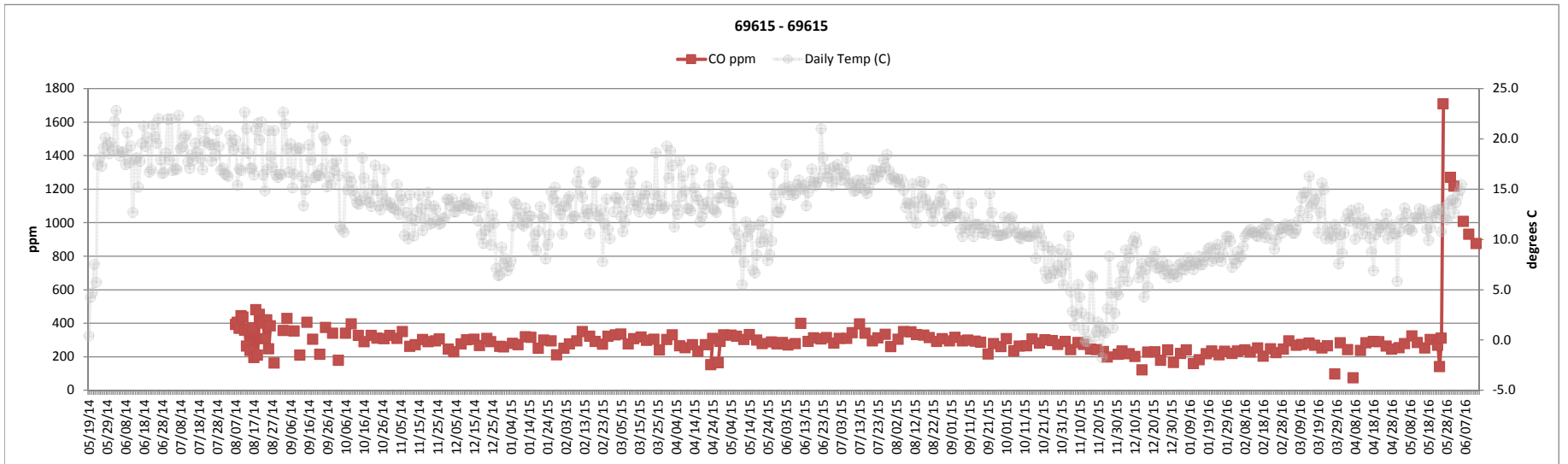
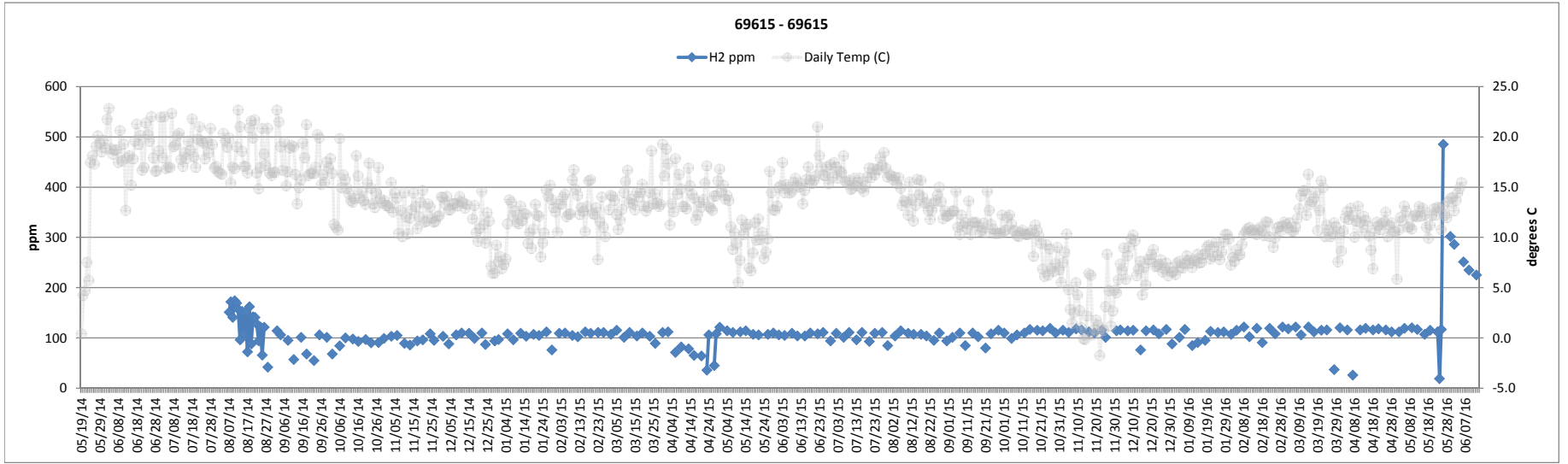
Remediated Nitrate Salt Container Headspace Gas and Temperature



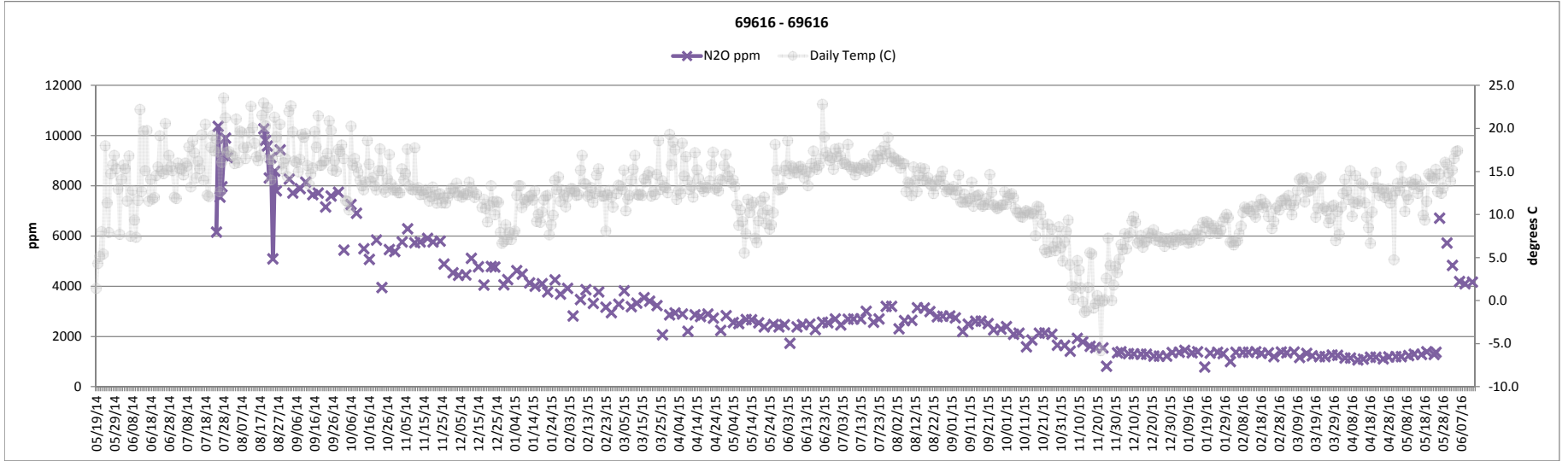
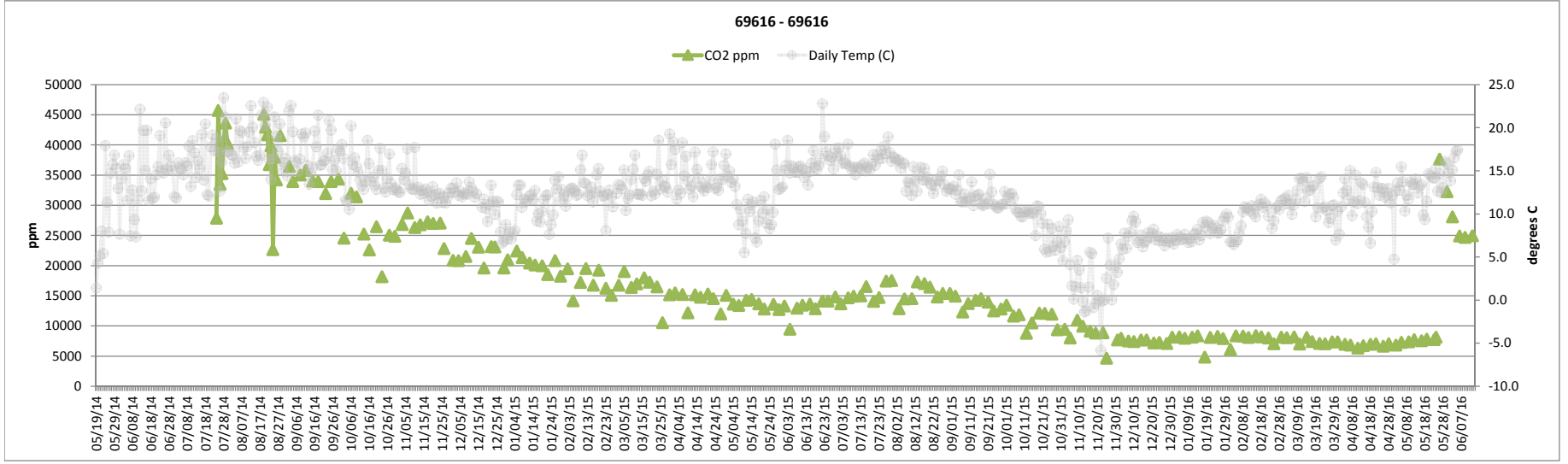
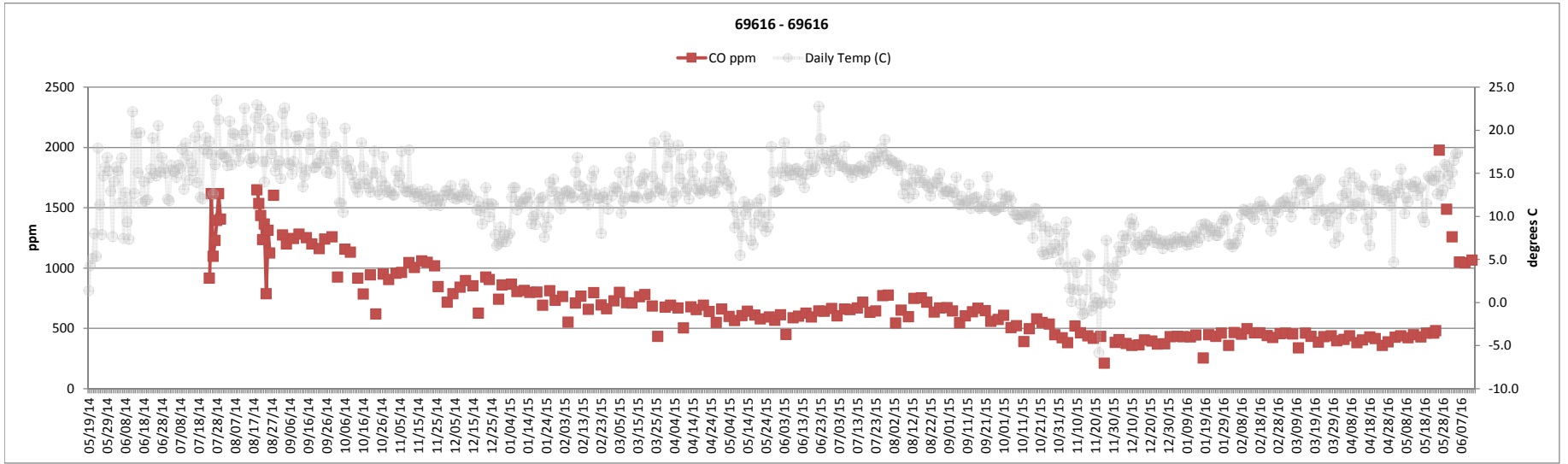
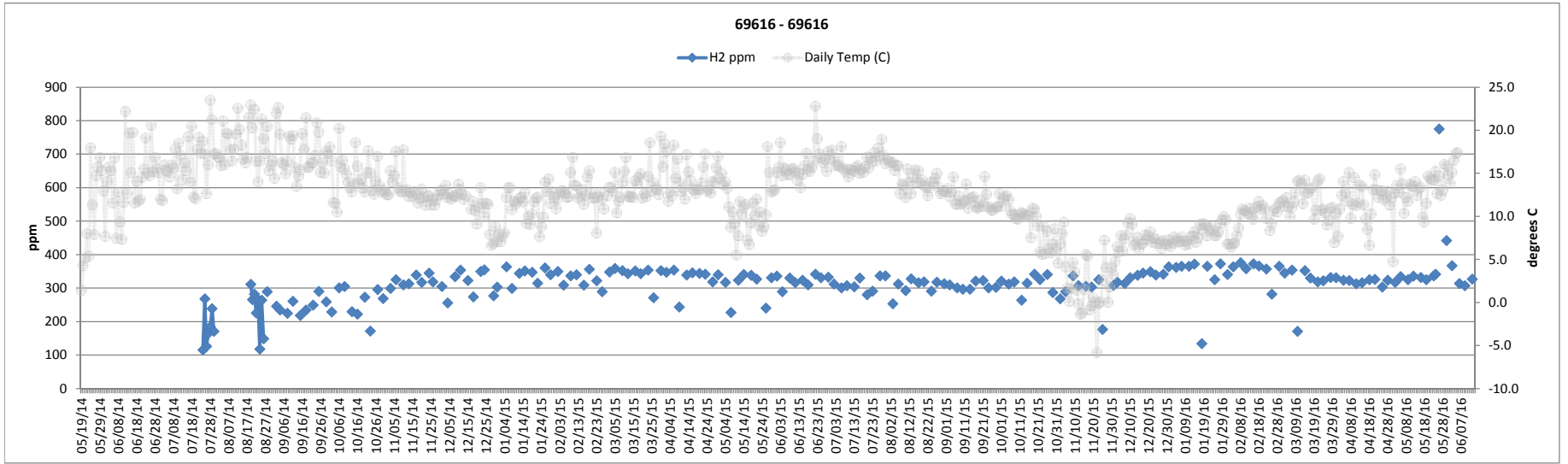
Remediated Nitrate Salt Container Headspace Gas and Temperature



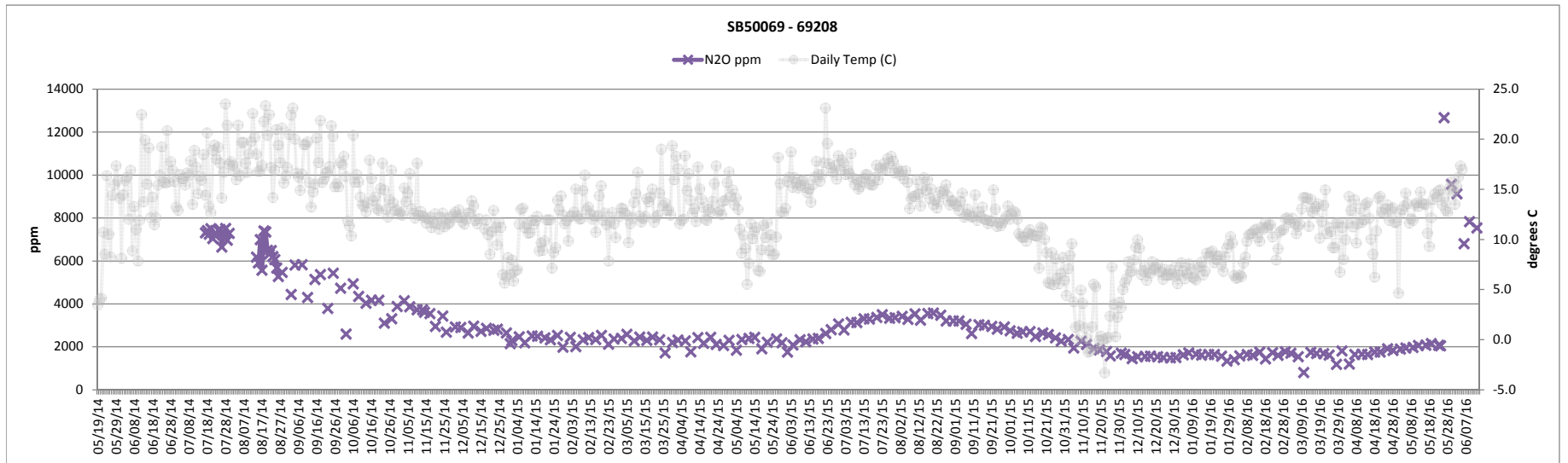
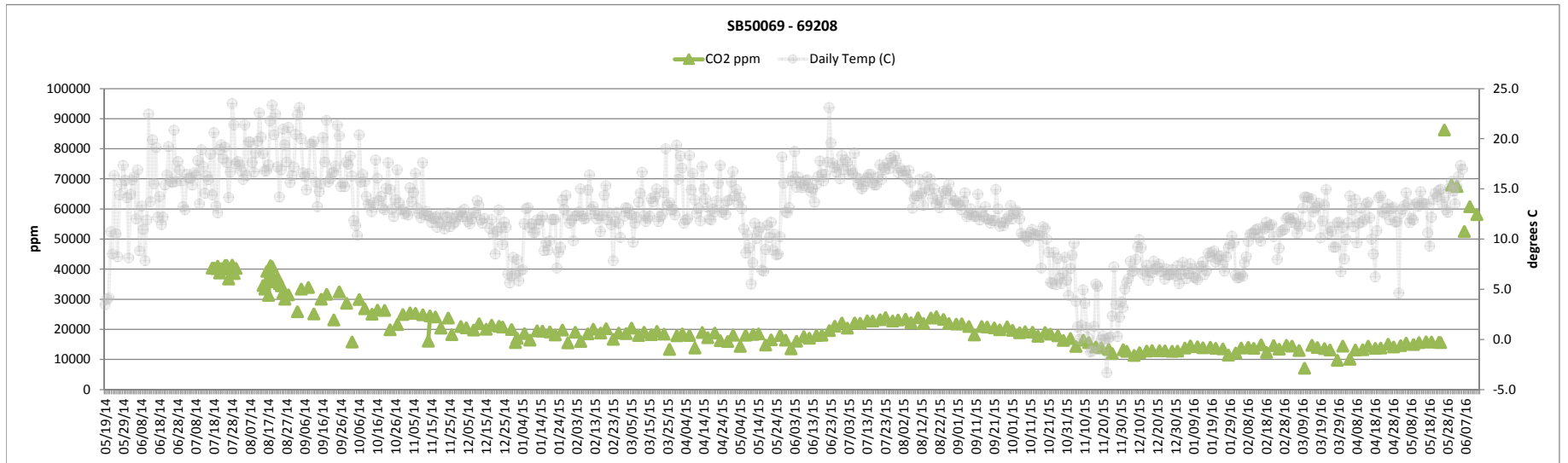
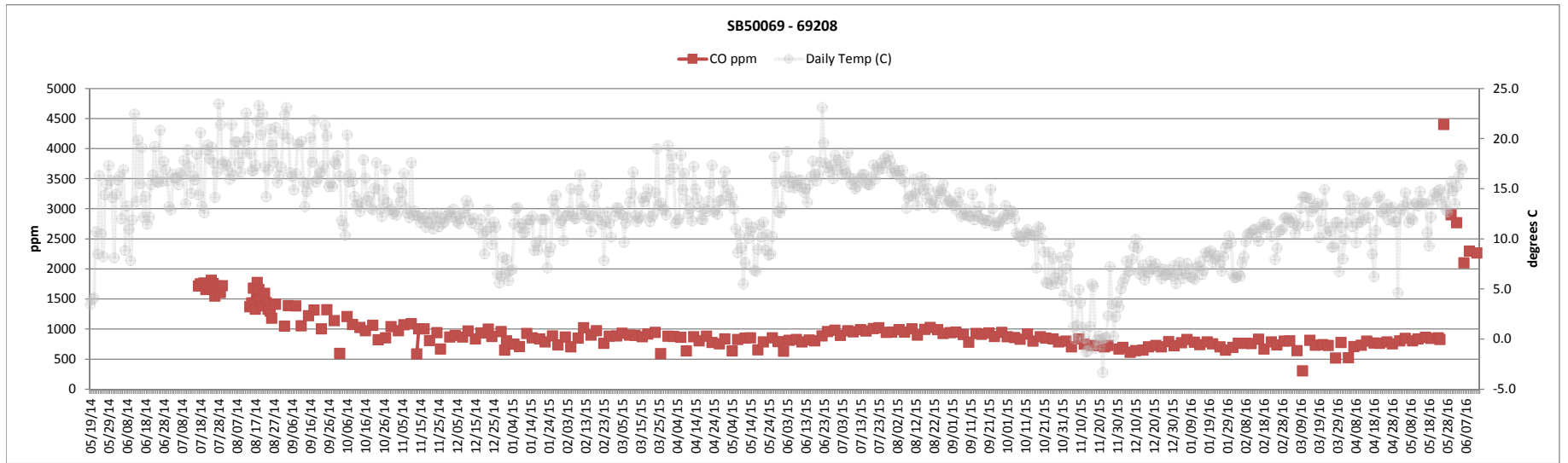
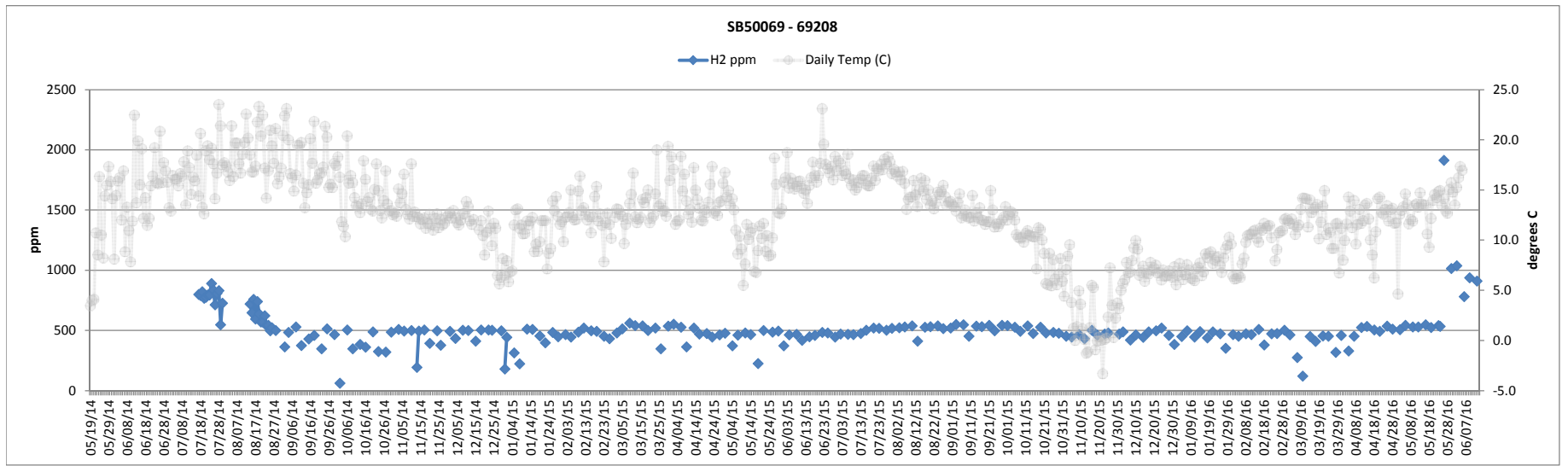
Remediated Nitrate Salt Container Headspace Gas and Temperature



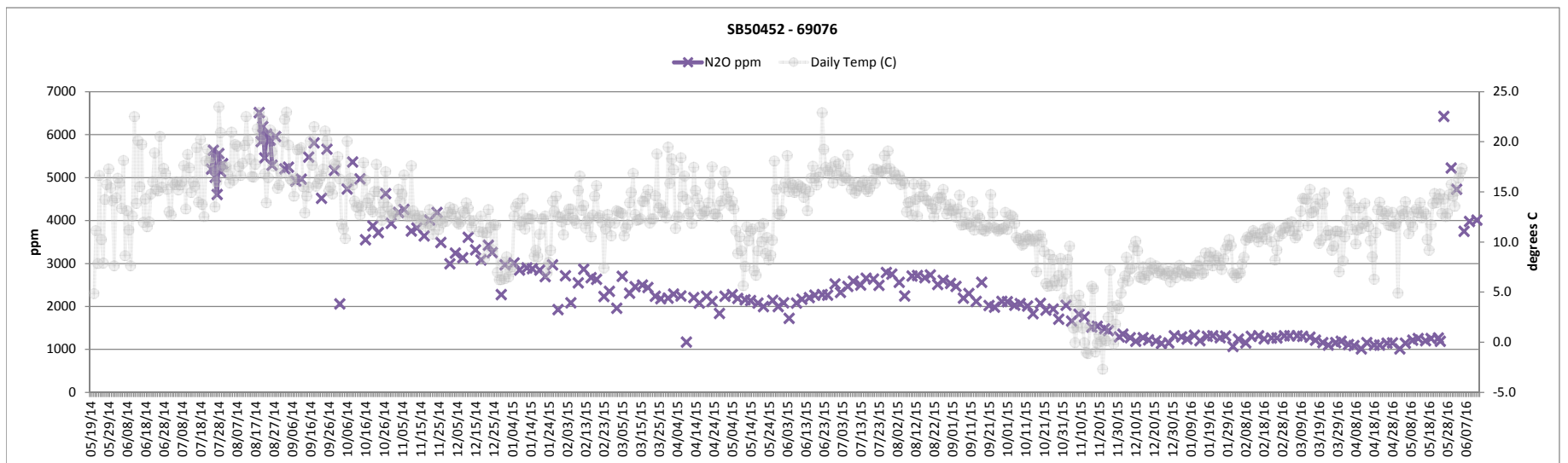
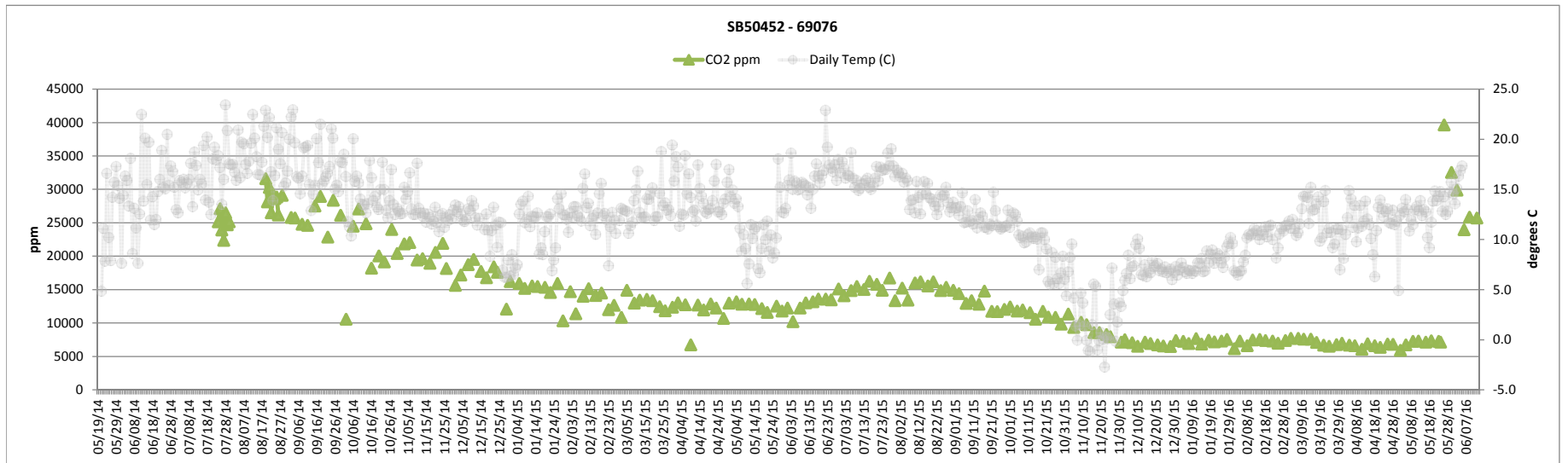
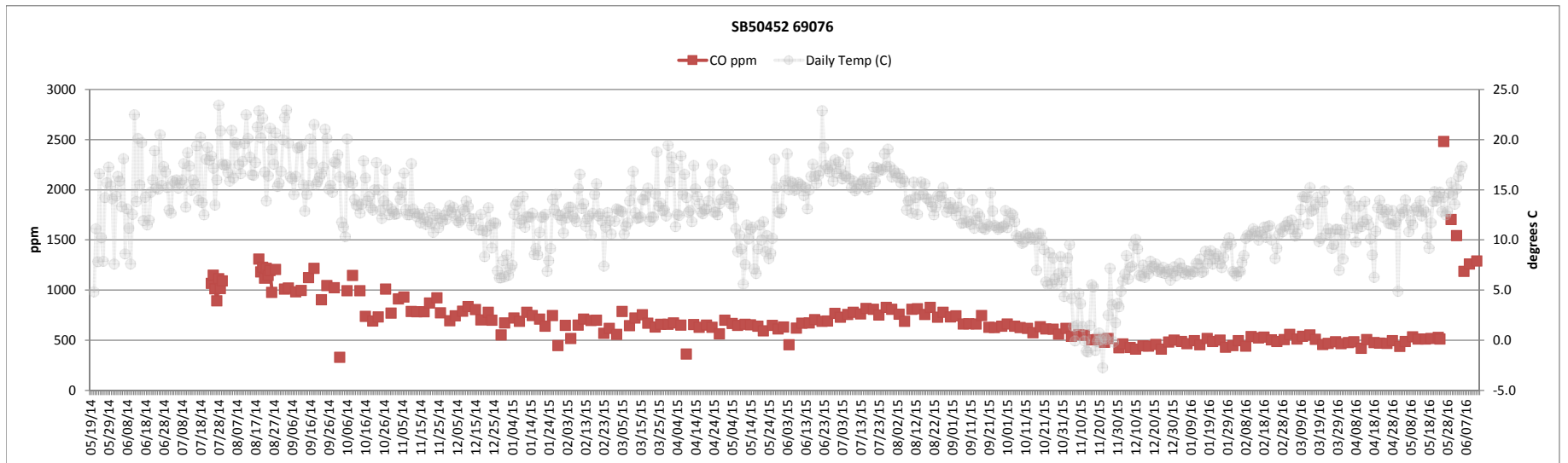
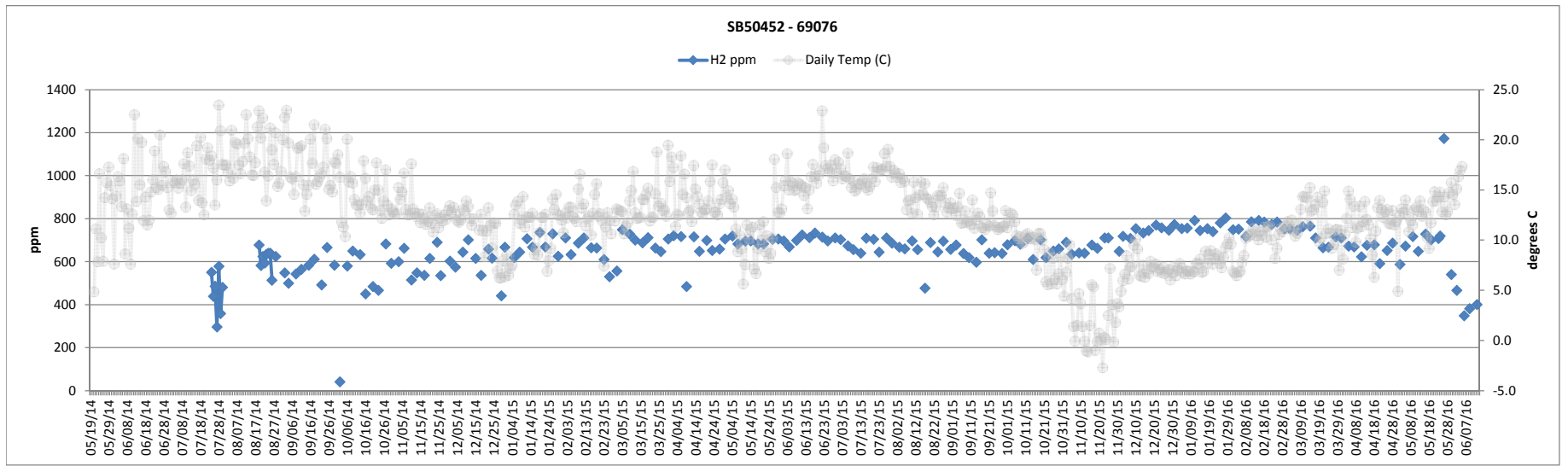
Remediated Nitrate Salt Container Headspace Gas and Temperature



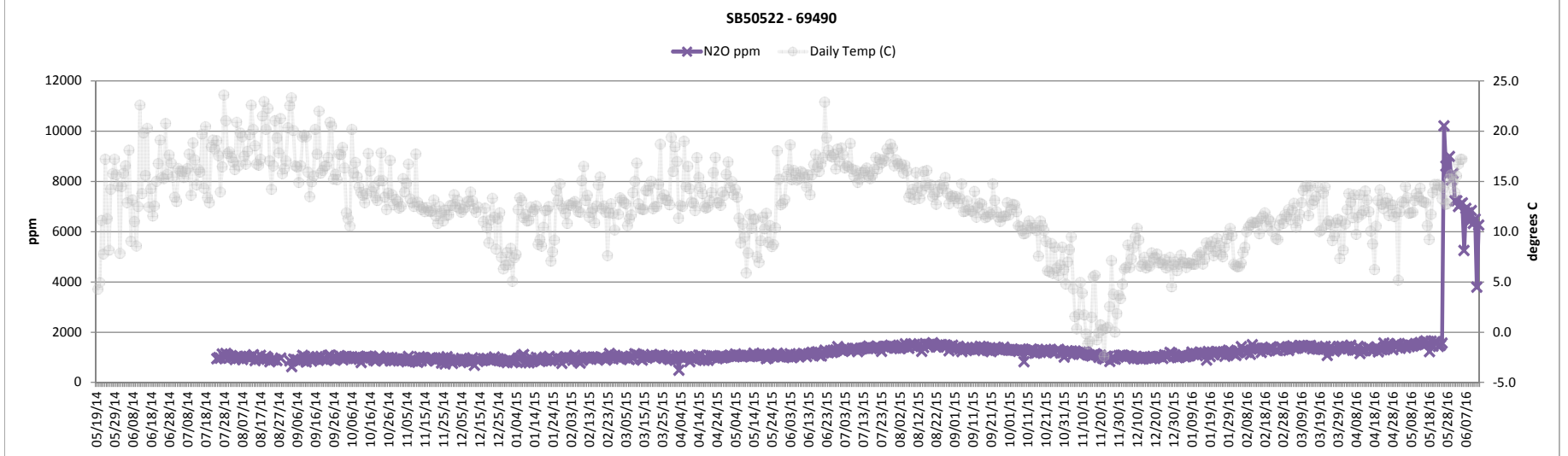
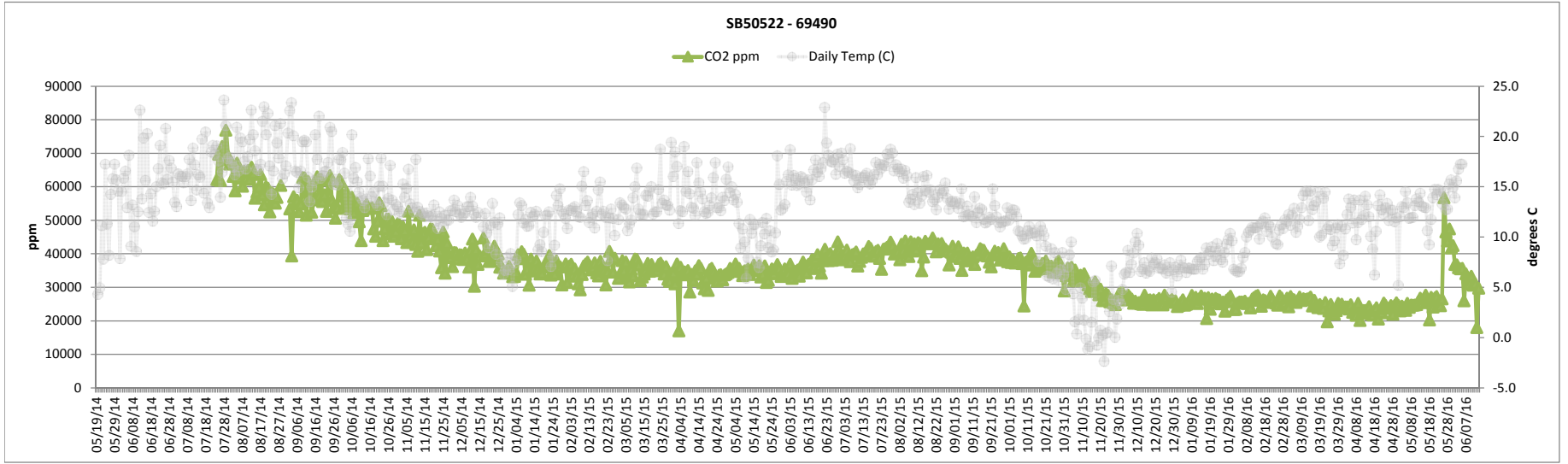
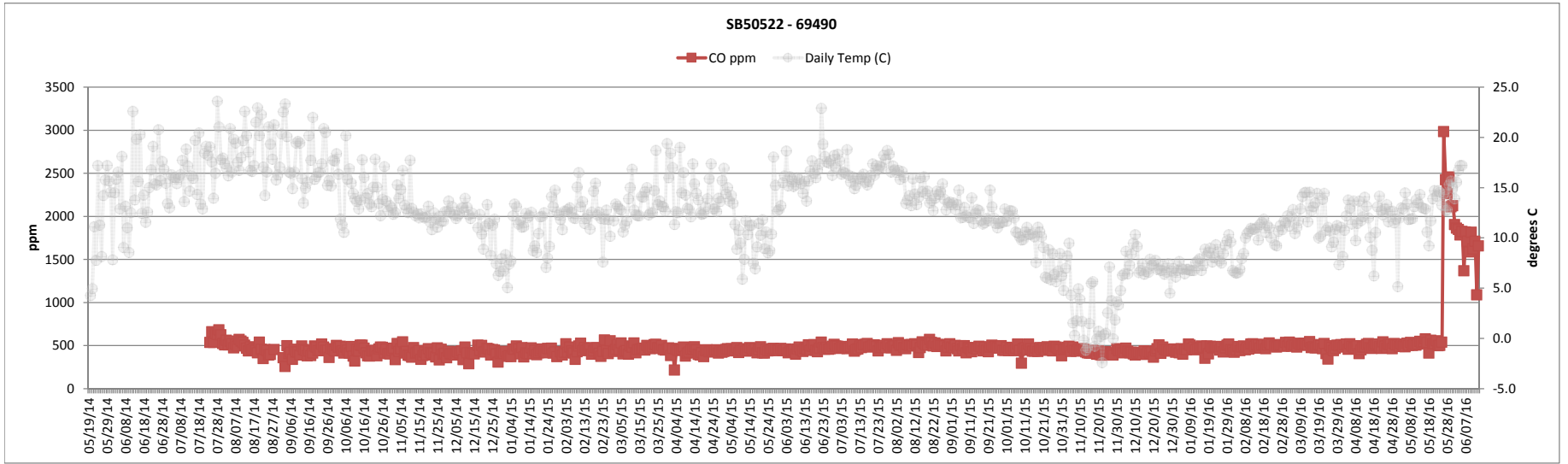
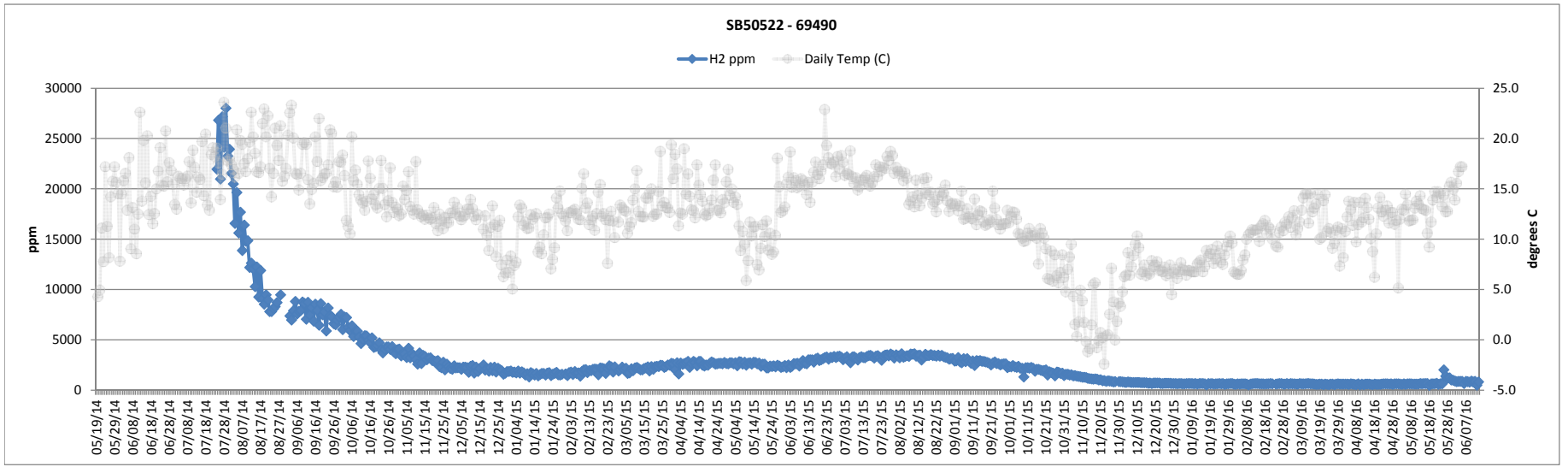
Remediated Nitrate Salt Container Headspace Gas and Temperature



Remediated Nitrate Salt Container Headspace Gas and Temperature



Remediated Nitrate Salt Container Headspace Gas and Temperature



TA-54 Area G Remediated Nitrate Salt Waste Container Monitoring

Document No.: AREAG-WO-DOP-124
 Revision: 0, IPC-3
 Effective Date: May 9, 2016
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UET

ATTACHMENT 2

Page 1 of 3

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

6.[4] Date: From 5.10.10 to 5.22.10

	Monday 6.[4] Start Time: <u>1309</u>	Tuesday 6.[4] Start Time: <u>1320</u>	Wednesday 6.[4] Start Time: <u>1301</u>	Thursday 6.[4] Start Time: <u>1323</u>	Friday 6.[4] Start Time: <u>1315</u>	Saturday 6.[4] Start Time: <u>1301</u>	Sunday 6.[4] Start Time: <u>1300</u>
TA-54-0375 Cell 1							
Calibrated infrared thermometer (4.2[1][B])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-2-16</u> File Number: <u>040986</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-2-16</u> File Number: <u>040980</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-2-16</u> File Number: <u>040986</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>7-5-16</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>7-5-16</u> File Number: <u>101912</u>
Ambient Temperature(6.[5])	<u>56.3</u> °F	<u>52.3</u> °F	<u>49.0</u> °F	<u>53.7</u> °F	<u>58.1</u> °F	<u>60.3</u> °F	<u>59.3</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])
68685	<u>57.5</u>	<u>52.8</u>	<u>48.2</u>	<u>54.9</u>	<u>60.2</u>	<u>61.4</u>	<u>61.0</u>
LA00000070503	68540	<u>56.7</u>	<u>52.1</u>	<u>48.5</u>	<u>54.3</u>	<u>58.3</u>	<u>59.5</u>
	68553	<u>56.5</u>	<u>52.4</u>	<u>48.1</u>	<u>54.7</u>	<u>58.5</u>	<u>59.6</u>
69445	<u>57.3</u>	<u>52.7</u>	<u>48.8</u>	<u>55.4</u>	<u>58.7</u>	<u>59.6</u>	<u>58.8</u>
69618	<u>56.7</u>	<u>51.7</u>	<u>48.6</u>	<u>54.2</u>	<u>58.3</u>	<u>60.0</u>	<u>58.8</u>
69013	<u>56.3</u>	<u>51.7</u>	<u>48.5</u>	<u>53.8</u>	<u>58.0</u>	<u>59.7</u>	<u>58.7</u>
LASB50522	69076	<u>55.2</u>	<u>51.1</u>	<u>48.6</u>	<u>53.1</u>	<u>57.0</u>	<u>58.5</u>
LASB50452	69490	<u>55.0</u>	<u>50.4</u>	<u>48.5</u>	<u>53.1</u>	<u>56.9</u>	<u>58.7</u>
LASB50431	69280	<u>54.5</u>	<u>49.0</u>	<u>48.7</u>	<u>52.7</u>	<u>55.7</u>	<u>57.1</u>
LASB50069	69208	<u>56.3</u>	<u>51.1</u>	<u>48.7</u>	<u>53.9</u>	<u>57.1</u>	<u>58.2</u>
LASB50073	69079	<u>55.4</u>	<u>50.5</u>	<u>48.9</u>	<u>53.9</u>	<u>56.0</u>	<u>58.6</u>
69636	<u>54.1</u>	<u>49.4</u>	<u>48.7</u>	<u>53.0</u>	<u>56.1</u>	<u>57.7</u>	<u>56.9</u>

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Z# 124927

INITIAL CA DATE 5-16-16

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6.[4] Date: From 5.10.10 to 5.22.14

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	56.1	49.8	48.8	52.7	58.4	58.0	57.6
69417	N/A	N/A	N/A	N/A	N/A	N/A	N/A
69620	56.0	50.9	48.7	53.4	57.4	58.2	57.8
69520	55.2	50.3	48.6	53.1	56.8	57.9	57.2
69641	55.5	50.1	48.9	53.3	56.3	57.6	56.9
69298	54.2	49.3	48.9	52.10	50.1	57.3	56.7
LASB02203 92669	52.6	49.1	48.7	52.3	55.0	56.0	55.2
End Time (6.[14])	1314	1328	1305	1304	1318	1306	1305
6.[14]	WO: <u>FA</u> WO: <u>[Signature]</u>	WO: <u>YOM</u> WO: <u>[Signature]</u>	WO: <u>CA</u> WO: <u>[Signature]</u>	WO: <u>YOM</u> WO: <u>[Signature]</u>	WO: <u>YOM</u> WO: <u>[Signature]</u>	WO: <u>CA</u> WO: <u>[Signature]</u>	WO: <u>CA</u> WO: <u>[Signature]</u>

Comments:

SWB/drum 69417 is no longer considered a RNS drum by LANL or NMED

NOTE: Containers marked by an (*) are POCs.

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6.[4] Date: From 5-16-16 to 5-22-16

6.[18] Performed by:

<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>1749MCA</u>	<u>TA</u>	<u>5-16-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>195261</u>	<u>LM</u>	<u>5-16-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Valerie Martinez</u>	<u>Valerie Martinez</u>	<u>23958</u>	<u>VM</u>	<u>5-17-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>195261</u>	<u>LM</u>	<u>5-17-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>1749MCA</u>	<u>TA</u>	<u>5-18-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>195261</u>	<u>LM</u>	<u>5-18-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Valerie Martinez</u>	<u>Valerie Martinez</u>	<u>23958</u>	<u>VM</u>	<u>5-19-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date

<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>195261</u>	<u>LM</u>	<u>5-19-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Valerie Martinez</u>	<u>Valerie Martinez</u>	<u>23958</u>	<u>VM</u>	<u>5-20-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>195261</u>	<u>LM</u>	<u>5-20-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>1749MCA</u>	<u>TA</u>	<u>5-21-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>195261</u>	<u>LM</u>	<u>5-21-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>1749MCA</u>	<u>TA</u>	<u>5-22-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>195261</u>	<u>LM</u>	<u>5-23-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date

9.1[2] Reviewed by:

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

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

6.[4] Date: From 5-16-16 to 5-22-16

		Monday 6.[4] Start Time: <u>1315</u>	Tuesday 6.[4] Start Time: <u>1330</u>	Wednesday 6.[4] Start Time: <u>1306</u>	Thursday 6.[4] Start Time: <u>1320</u>	Friday 6.[4] Start Time: <u>1312</u>	Saturday 6.[4] Start Time: <u>1307</u>	Sunday 6.[4] Start Time: <u>1306</u>
TA-54-0375 Cell 2								
Calibrated infrared thermometer (4.2[1][B])		Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>2-5-16</u> File Number: <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-5-10</u> File Number: <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-5-16</u> File Number: <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>10-31-16</u> File Number: <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-5-16</u> File Number: <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>1-2-16</u> File Number: <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-5-16</u> File Number: <u>101974</u>
Ambient Temperature (6.[5])		<u>52.2</u> °F	<u>50.4</u> °F	<u>50.5</u> °F	<u>51.1</u> °F	<u>52.3</u> °F	<u>53.1</u> °F	<u>52.5</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 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>51.0</u>	<u>50.2</u>	<u>50.2</u>	<u>51.2</u>	<u>51.0</u>	<u>52.6</u>	<u>51.9</u>
68638		<u>52.8</u>	<u>50.2</u>	<u>50.2</u>	<u>51.1</u>	<u>53.0</u>	<u>54.0</u>	<u>53.0</u>
69615		<u>54.0</u>	<u>51.8</u>	<u>49.8</u>	<u>52.1</u>	<u>54.0</u>	<u>55.1</u>	<u>54.0</u>
69635		<u>54.0</u> <u>54.3</u>	<u>51.9</u>	<u>50.2</u>	<u>51.7</u>	<u>54.5</u>	<u>55.4</u>	<u>55.0</u>
69642		<u>54.0</u>	<u>51.9</u>	<u>49.9</u>	<u>51.0</u>	<u>54.7</u>	<u>55.4</u>	<u>54.8</u>
69630		<u>53.2</u>	<u>51.4</u>	<u>50.1</u>	<u>51.4</u>	<u>54.0</u>	<u>54.6</u>	<u>53.5</u>
69633		<u>53.7</u>	<u>51.0</u>	<u>50.1</u>	<u>51.0</u>	<u>54.1</u>	<u>55.0</u>	<u>54.7</u>
68430		<u>55.3</u>	<u>52.3</u>	<u>49.9</u>	<u>51.4</u>	<u>54.8</u>	<u>55.3</u>	<u>54.7</u>
68631		<u>51.8</u>	<u>49.5</u>	<u>49.9</u>	<u>50.7</u>	<u>52.0</u>	<u>53.1</u>	<u>52.5</u>
69634		<u>50.5</u>	<u>49.3</u>	<u>50.0</u>	<u>49.9</u>	<u>51.4</u>	<u>51.9</u>	<u>51.4</u>
68567		<u>51.4</u>	<u>49.0</u>	<u>49.8</u>	<u>51.4</u>	<u>52.7</u>	<u>52.9</u>	<u>52.9</u>
94227		<u>52.3</u>	<u>50.2</u>	<u>50.0</u>	<u>50.7</u>	<u>52.4</u>	<u>54.6</u>	<u>53.3</u>
LASB50442 68648		<u>52.9</u>	<u>51.0</u>	<u>50.0</u>	<u>51.5</u>	<u>52.7</u>	<u>54.5</u>	<u>53.5</u>
69644		<u>53.4</u>	<u>51.3</u>	<u>50.2</u>	<u>51.9</u>	<u>53.7</u>	<u>54.6</u>	<u>53.8</u>
LASB50443 69183		<u>52.9</u>	<u>51.1</u>	<u>50.0</u>	<u>51.5</u>	<u>53.3</u>	<u>53.9</u>	<u>53.7</u>
69638		<u>52.7</u>	<u>51.0</u>	<u>49.9</u>	<u>51.4</u>	<u>53.8</u>	<u>53.8</u>	<u>53.5</u>

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6.[4] Date: From 5-16-16 to 5-22-16

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	52.4	50.0	50.1	51.4	52.8	54.5	53.5
68507	52.4	50.0	50.0	51.3	53.1	53.6	53.6
69568	51.6	50.0	50.0	51.3	52.4	52.6	53.0
69553	51.7	51.1	47.7	50.9	53.0	53.2	52.7
69598	52.5	50.7	49.8	51.3	53.1	54.6	53.4
LASB50559	92472	50.7	50.2	50.7	52.0	52.2	52.3
	92459	50.4	49.2	50.2 50.1	50.3	51.8	51.8
69015	51.8	50.1	50.5	50.7	52.5	53.6	53.3
69639	51.9	50.0	50.3	51.2	52.0	53.5	53.4
69637	51.8	50.3	50.0	50.8	52.8	52.6	53.0
End Time (6.[14])	1320	1337	1311	1301	1314	1312	1311
6.[14]	WO: <u>JA</u>	WO: <u>VON</u>	WO: <u>JA</u>	WO: <u>VON</u>	WO: <u>VON</u>	WO: <u>JA</u>	WO: <u>JA</u>
	WO: <u>LM</u>	WO: <u>LM</u>	WO: <u>LM</u>	WO: <u>LM</u>	WO: <u>LM</u>	WO: <u>LM</u>	WO: <u>LM</u>

Comments:

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6.[4] Date: From 5-16-16 to 5-22-16

6.[18] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
ling Aguirre	<i>[Signature]</i>	14977	LA	5-16-16
Leon Montoya	<i>[Signature]</i>	191524	LM	5-16-16
Valerie Martinez	<i>[Signature]</i>	23958	VM	5-17-16
Leon Montoya	<i>[Signature]</i>	191524	LM	5-17-16
Tina Aguirre	<i>[Signature]</i>	14977	TA	5-18-16
Leon Montoya	<i>[Signature]</i>	191524	LM	5-18-16
Valerie Martinez	<i>[Signature]</i>	23958	VM	5-19-16

191526

Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	<i>[Signature]</i>	191526	LM	5-19-16
Valerie Martinez	<i>[Signature]</i>	23958	VM	5-20-16
Leon Montoya	<i>[Signature]</i>	191526	LM	5-20-16
Tina Aguirre	<i>[Signature]</i>	14977	TA	5-21-16
Leon Montoya	<i>[Signature]</i>	191526	LM	5-21-16
Tina Aguirre	<i>[Signature]</i>	14977	TA	5-22-16
Leon Montoya	<i>[Signature]</i>	191526	LM	5-22-16

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

6.[4] Date: From 5-16-16 to 5-22-16

	Monday 6.[4] Start Time: <u>1321</u>	Tuesday 6.[4] Start Time: <u>1345</u>	Wednesday 6.[4] Start Time: <u>1342</u>	Thursday 6.[4] Start Time: <u>1310</u>	Friday 6.[4] Start Time: <u>1306</u>	Saturday 6.[4] Start Time: <u>1313</u>	Sunday 6.[4] Start Time: <u>1312</u>
TA-54-0375 Cell 3							
Calibrated infrared thermometer (4.2.[1][B])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-29-16</u> File Number: <u>103867</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-29-16</u> File Number: <u>103867</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-29-16</u> File Number: <u>103867</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-21-16</u> File Number: <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-5-16</u> File Number: <u>101974</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>55.4</u> °F	<u>53.2</u> °F	<u>50.4</u> °F	<u>53.7</u> °F	<u>55.2</u> °F	<u>56.8</u> °F	<u>56.5</u> °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[6])	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Container ID #	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>53.7</u>	<u>52.1</u>	<u>50.1</u>	<u>51.7</u>	<u>54.5</u>	<u>55.2</u>	<u>55.3</u>
69645	<u>52.4</u>	<u>52.1</u>	<u>50.4</u>	<u>51.8</u>	<u>54.2</u>	<u>54.1</u>	<u>54.5</u>
94068	<u>52.5</u>	<u>52.3</u>	<u>50.2</u>	<u>51.8</u>	<u>52.9</u>	<u>54.1</u>	<u>53.3</u>
93605	<u>53.7</u>	<u>51.9</u>	<u>50.3</u>	<u>52.3</u>	<u>54.6</u>	<u>55.1</u>	<u>55.8</u>
69548	<u>54.5</u>	<u>52.9</u>	<u>50.2</u>	<u>52.9</u>	<u>55.4</u>	<u>56.3</u>	<u>55.8</u>
69604	<u>54.6</u>	<u>53.2</u>	<u>50.4</u>	<u>52.5</u>	<u>54.6</u>	<u>55.6</u>	<u>55.5</u>
LASB50529 68665	<u>54.2</u>	<u>52.5</u>	<u>50.8</u>	<u>52.3</u>	<u>54.1</u>	<u>54.4</u>	<u>54.5</u>
LASB50418 69595	<u>54.5</u>	<u>52.7</u>	<u>50.1</u>	<u>52.7</u>	<u>55.2</u>	<u>55.4</u>	<u>56.2</u>
69036	<u>55.4</u>	<u>52.8</u>	<u>50.0</u>	<u>53.8</u>	<u>54.2</u>	<u>56.2</u>	<u>56.5</u>
LASB50451 69361	<u>55.2</u>	<u>53.0</u>	<u>50.6</u>	<u>53.0</u>	<u>54.1</u>	<u>55.9</u>	<u>56.4</u>
69559	<u>55.3</u>	<u>52.1</u>	<u>50.5</u>	<u>53.9</u>	<u>54.9</u>	<u>56.1</u>	<u>56.5</u>
LASB50448 69491	<u>55.2</u>	<u>53.1</u>	<u>50.5</u>	<u>52.3</u>	<u>54.6</u>	<u>56.6</u>	<u>56.8</u>

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Z# 174917

INITIAL QA DATE 5-16-16

TA-54 Area G Remediated Nitrate Salt Waste Container Monitoring

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6.[4] Date: From 5/6-16 to 5-22-16

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	56.0	53.5	50.6	53.5	50.0	57.2	57.1
87826	56.1	53.3	50.5	53.7	50.0	56.2	56.4
87823	56.1	53.0	50.2	53.0	55.4	57.7	57.7
87825	56.2	54.7	50.3	55.0	50.7	56.9	57.9
End Time (6.[14])	1324	1349	1314	1318	1311	1317	1316
6.[14]	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>Von</u> WO: <u>LM</u>	WO: <u>[Signature]</u> WO: <u>LM</u>	WO: <u>Von</u> WO: <u>[Signature]</u>	WO: <u>Von</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>LM</u>

Comments:

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ATTACHMENT 4

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6.[4] Date: From 5-16-16 to 5-22-16

6.[18] Performed by:

<u>Tina Aguirre Dunagan</u>	<u>1915261</u>	<u>LM</u>	<u>5/16/16</u>
Waste Operator (print)	Signature	Z#	Initials Date
<u>Leon Montoya</u>	<u>[Signature]</u>	<u>1915261</u>	<u>LM 5/16/16</u>
Waste Operator (print)	Signature	Z#	Initials Date
<u>Valerie Martinez</u>	<u>Valerie Martinez</u>	<u>239958</u>	<u>VM 5/17/16</u>
Waste Operator (print)	Signature	Z#	Initials Date
<u>Leon Montoya</u>	<u>[Signature]</u>	<u>1915261</u>	<u>LM 5/17/16</u>
Waste Operator (print)	Signature	Z#	Initials Date
<u>Tina Aguirre Dunagan</u>	<u>1915261</u>	<u>LM</u>	<u>5-18-16</u>
Waste Operator (print)	Signature	Z#	Initials Date
<u>Leon Montoya</u>	<u>[Signature]</u>	<u>1915261</u>	<u>LM 5-18-16</u>
Waste Operator (print)	Signature	Z#	Initials Date
<u>Valerie Martinez</u>	<u>Valerie Martinez</u>	<u>239958</u>	<u>VM 5/19/16</u>
Waste Operator (print)	Signature	Z#	Initials Date

<u>Leon Montoya</u>	<u>1915261</u>	<u>LM</u>	<u>5-19-16</u>
Waste Operator (print)	Signature	Z#	Initials Date
<u>Valerie Martinez</u>	<u>Valerie Martinez</u>	<u>239958</u>	<u>VM 5/20/16</u>
Waste Operator (print)	Signature	Z#	Initials Date
<u>Leon Montoya</u>	<u>[Signature]</u>	<u>1915261</u>	<u>LM 5-20-16</u>
Waste Operator (print)	Signature	Z#	Initials Date
<u>Tina Aguirre Dunagan</u>	<u>1915261</u>	<u>LM</u>	<u>5-21-16</u>
Waste Operator (print)	Signature	Z#	Initials Date
<u>Leon Montoya</u>	<u>[Signature]</u>	<u>1915261</u>	<u>LM 5-21-16</u>
Waste Operator (print)	Signature	Z#	Initials Date
<u>Tina Aguirre Dunagan</u>	<u>1915261</u>	<u>LM</u>	<u>5-22-16</u>
Waste Operator (print)	Signature	Z#	Initials Date
<u>Leon Montoya</u>	<u>[Signature]</u>	<u>1915261</u>	<u>LM 5-22-16</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 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 5-23-16 to 5-29-16

	Monday 6.[4] Start Time: <u>1320</u>	Tuesday 6.[4] Start Time: <u>1320</u>	Wednesday 6.[4] Start Time: <u>1311</u>	Thursday 6.[4] Start Time: <u>1404</u>	Friday 6.[4] Start Time: <u>1312</u>	Saturday 6.[4] Start Time: <u>1311</u>	Sunday 6.[4] Start Time: <u>1311</u>
TA-54-0375 Cell 1							
Calibrated infrared thermometer (4.2[1][B])	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>2-5-16</u> File Number: <u>101974</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-5-16</u> File Number: <u>101974</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>2-7-16</u> File Number: <u>040986</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>2-5-16</u> File Number: <u>101974</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>2-7-16</u> File Number: <u>040986</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-7-16</u> File Number: <u>040986</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-7-16</u> File Number: <u>040986</u>
Ambient Temperature(6.[5])	<u>60.8</u> °F	<u>61.3</u> °F	<u>58.3</u> °F	<u>59.5</u> °F	<u>55.5</u> °F	<u>56.6</u> °F	<u>61.4</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>62.5</u>	<u>62.2</u>	<u>59.7</u>	<u>61.1</u>	<u>58.8</u>	<u>58.1</u>	<u>62.8</u>
LA00000070503	68540 <u>59.6</u>	<u>59.8</u>	<u>57.0</u>	<u>58.8</u>	<u>56.5</u>	<u>57.3</u>	<u>60.8</u>
	68553 <u>59.9</u>	<u>59.1</u>	<u>58.1</u>	<u>57.9</u>	<u>55.4</u>	<u>56.7</u>	<u>60.2</u>
69445	<u>59.3</u>	<u>60.3</u>	<u>57.4</u>	<u>59.0</u>	<u>56.2</u>	<u>55.4</u>	<u>60.5</u>
69618	<u>59.5</u>	<u>59.4</u>	<u>57.6</u>	<u>59.2</u>	<u>55.3</u>	<u>56.3</u>	<u>60.6</u>
69013	<u>59.5</u>	<u>59.7</u>	<u>56.2</u>	<u>58.0</u>	<u>55.8</u>	<u>56.2</u>	<u>61.4</u>
LASB50522 69076	<u>58.5</u>	<u>58.2</u>	<u>55.9</u>	<u>57.9</u>	<u>54.9</u>	<u>55.0</u>	<u>59.5</u>
LASB50452 69490	<u>57.7</u>	<u>58.6</u>	<u>55.1</u>	<u>57.7</u>	<u>54.5</u>	<u>55.1</u>	<u>58.5</u>
LASB50431 69280	<u>57.0</u>	<u>58.6</u>	<u>55.6</u>	<u>57.6</u>	<u>54.2</u>	<u>54.1</u>	<u>58.6</u>
LASB50069 69208	<u>58.7</u>	<u>58.9</u>	<u>56.2</u>	<u>57.4</u>	<u>55.2</u>	<u>54.8</u>	<u>59.1</u>
LASB50073 69079	<u>58.4</u>	<u>58.1</u>	<u>55.1</u>	<u>57.2</u>	<u>55.1</u>	<u>55.9</u>	<u>61.1</u>
69636	<u>57.7</u>	<u>58.0</u>	<u>55.0</u>	<u>55.8</u>	<u>54.0</u>	<u>54.8</u>	<u>59.4</u>

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6.[4] Date: From 5-23-16 to 5-29-16

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	57.5	59.4	54.7	58.4	54.4	55.5	40.9
69417	N/A	N/A	N/A	N/A	N/A	N/A	N/A
69620	60.6	58.9	56.1	57.9	55.4	56.7	100.3
69520	57.9	58.1	55.1	57.5	55.8	55.7	59.5
69641	57.7	56.0	55.2	56.8	55.0	56.3	58.0
69298	57.5	57.7	54.7	53.6	54.3	55.2	59.6
LASB02203 92669	56.1	56.3	52.8	56.0	54.8	54.9	58.2
End Time (6.[14])	1327	1331	1316	1412	1315	1318	1314
6.[14]	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>

Comments: NC

SWB/drum 69417 is no longer considered a RNS drum by LANL or NMED

NOTE: Containers marked by an (*) are POCs.

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6.[4] Date: From 5-23-16 to 5-29-16

6.[18] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
JUAN GARCIA	<i>Juan Garcia</i>	1169840	JG	5-23-16
Fabian Anaya	<i>Fabian Anaya</i>	1174663	FA	5-23-16
Valerie Martinez	<i>Valerie Martinez</i>	239958	VM	5/24/16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	5-24-16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	5-25-16
Laura Montoya	<i>Laura Montoya</i>	119526	LM	5-25-16
Lina Aguirre	<i>Lina Aguirre</i>	MEM 10A	LA	5-26-16

Waste Operator (print)	Signature	Z#	Initials	Date
Fabian Anaya	<i>Fabian Anaya</i>	1174663	FA	5-26-16
Valerie Martinez	<i>Valerie Martinez</i>	239958	VM	5/27/16
Fabian Anaya	<i>Fabian Anaya</i>	1174663	FA	5-27-16
Valerie Martinez	<i>Valerie Martinez</i>	239958	VM	5/28/16
Fabian Anaya	<i>Fabian Anaya</i>	1174663	FA	5-28-16
Valerie Martinez	<i>Valerie Martinez</i>	239958	VM	5/29/16
Fabian Anaya	<i>Fabian Anaya</i>	1174663	FA	5-29-16

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 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 5-23-16 to 5-29-16

		Monday 6.[4] Start Time: <u>1313</u>	Tuesday 6.[4] Start Time: <u>1332</u>	Wednesday 6.[4] Start Time: <u>1317</u>	Thursday 6.[4] Start Time: <u>1356</u>	Friday 6.[4] Start Time: <u>1308</u>	Saturday 6.[4] Start Time: <u>1306</u>	Sunday 6.[4] Start Time: <u>1306</u>
TA-54-0375 Cell 2								
Calibrated infrared thermometer (4.2[1][B])	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number: <u>101916</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number: <u>101916</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number: <u>046924</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number: <u>101916</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number: <u>101916</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number: <u>101916</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number: <u>101916</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number: <u>101916</u>
Ambient Temperature (6.[5])	<u>53.4</u> °F	<u>54.8</u> °F	<u>50.5</u> °F	<u>53.2</u> °F	<u>52.8</u> °F	<u>52.0</u> °F	<u>55.1</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>52.3</u>	<u>52.7</u>	<u>49.0</u>	<u>52.0</u>	<u>52.3</u>	<u>52.3</u>	<u>54.4</u>	
68638	<u>54.6</u>	<u>53.5</u>	<u>50.4</u>	<u>54.0</u>	<u>52.8</u>	<u>53.4</u>	<u>55.8</u>	
69615	<u>55.4</u>	<u>55.2</u>	<u>51.4</u>	<u>55.6</u>	<u>53.9</u>	<u>53.5</u>	<u>56.4</u>	
69635	<u>55.9</u>	<u>55.0</u>	<u>51.5</u>	<u>55.1</u>	<u>53.8</u>	<u>53.7</u>	<u>56.2</u>	
69642	<u>55.4</u>	<u>55.9</u>	<u>52.0</u>	<u>54.9</u>	<u>53.9</u>	<u>53.8</u>	<u>56.9</u>	
69630	<u>55.7</u>	<u>55.3</u>	<u>50.4</u>	<u>54.1</u>	<u>53.0</u>	<u>52.7</u>	<u>55.7</u>	
69633	<u>55.1</u>	<u>57.0</u>	<u>50.8</u>	<u>54.6</u>	<u>53.8</u>	<u>53.3</u>	<u>55.3</u>	
68430	<u>55.2</u>	<u>55.0</u>	<u>51.2</u>	<u>56.1</u>	<u>52.8</u>	<u>52.8</u>	<u>55.9</u>	
68631	<u>53.6</u>	<u>54.2</u>	<u>49.0</u>	<u>53.6</u>	<u>51.8</u>	<u>52.2</u>	<u>54.9</u>	
69634	<u>52.6</u>	<u>53.3</u>	<u>47.2</u>	<u>51.9</u>	<u>51.0</u>	<u>52.0</u>	<u>55.6</u>	
68567	<u>53.4</u>	<u>54.0</u>	<u>47.9</u>	<u>53.9</u>	<u>52.0</u>	<u>52.7</u>	<u>54.2</u>	
94227	<u>53.3</u>	<u>53.7</u>	<u>49.2</u>	<u>54.4</u>	<u>52.4</u>	<u>52.0</u>	<u>54.6</u>	
LASB50442 68648	<u>54.4</u>	<u>54.0</u>	<u>49.9</u>	<u>54.3</u>	<u>52.5</u>	<u>52.8</u>	<u>55.2</u>	
69644	<u>54.6</u>	<u>55.5</u>	<u>50.0</u>	<u>55.5</u>	<u>53.0</u>	<u>53.2</u>	<u>55.2</u>	
LASB50443 69183	<u>54.7</u>	<u>55.1</u>	<u>49.2</u>	<u>54.6</u>	<u>52.9</u>	<u>52.6</u>	<u>55.5</u>	
69638	<u>54.4</u>	<u>55.3</u>	<u>49.5</u>	<u>55.9</u>	<u>53.5</u>	<u>53.5</u>	<u>54.5</u>	

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6.[4] Date: From 5-23-16 to 5-29-16

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	55.8	54.9	49.5	55.6	52.3	52.8	54.2
68507	54.4	54.4	48.7	54.6	52.8	52.3	55.0
69568	53.3	53.2	48.4	55.5	51.9	52.1	54.1
69553	54.4	53.4	47.9	53.5	51.7	52.4	54.6
69598	54.8	54.9	48.7	54.5	52.3	52.6	55.9
LASB50559	92472	52.2	53.5	47.3	54.3	50.9	53.1
	92459	52.4	53.9	47.2	53.2	50.7	53.0
69015	53.7	54.4	48.5	54.0	52.9	52.8	55.1
69639	53.4	54.1	48.6	53.9	51.8	52.1	54.2
69637	53.7	54.9	48.6	54.0	52.3	52.8	54.6
End Time (6.[14])	1319	1338	1322	1403	1311	1310	1310
6.[14]	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u> LM	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>

Comments: NC

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6.[4] Date: From 5-23-16 to 5-29-16

6.[18] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	15-23-16
Fabian Anaya	<i>Fabian Anaya</i>	1174463	FA	15-23-16
Valerie Martinez	<i>Valerie Martinez</i>	039958	VM	15/24/16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	15-24-16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	15-25-16
Juan Montoya	<i>Juan Montoya</i>	199529	JM	15-25-16
Lina Aguirre	<i>Lina Aguirre</i>	049004	LA	15-26-16

Waste Operator (print)	Signature	Z#	Initials	Date
Fabian Anaya	<i>Fabian Anaya</i>	1174463	FA	15-26-16
Valerie Martinez	<i>Valerie Martinez</i>	039958	VM	5/27/16
Fabian Anaya	<i>Fabian Anaya</i>	1174463	FA	15-27-16
Valerie Martinez	<i>Valerie Martinez</i>	039958	VM	15/28/16
Fabian Anaya	<i>Fabian Anaya</i>	1174463	FA	15-28-16
Valerie Martinez	<i>Valerie Martinez</i>	039958	VM	5/29/16
Fabian Anaya	<i>Fabian Anaya</i>	1174463	FA	15-29-16

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

6.[4] Date: From 5-23-16 to 5-29-16

	Monday 6.[4] Start Time: <u>1307</u>	Tuesday 6.[4] Start Time: <u>1339</u>	Wednesday 6.[4] Start Time: <u>1323</u>	Thursday 6.[4] Start Time: <u>1349</u>	Friday 6.[4] Start Time: <u>1303</u>	Saturday 6.[4] Start Time: <u>1300</u>	Sunday 6.[4] Start Time: <u>1300</u>
TA-54-0375 Cell 3							
Calibrated infrared thermometer (4.2.[1][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>7-7-16</u> File Number: <u>040976</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>56.6</u> °F	<u>58.8</u> °F	<u>51.2</u> °F	<u>57.3</u> °F	<u>56.6</u> °F	<u>56.0</u> °F	<u>57.7</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>55.9</u>	<u>55.9</u>	<u>50.1</u>	<u>55.6</u>	<u>55.1</u>	<u>56.5</u>	<u>57.8</u>
69645	<u>54.8</u>	<u>54.6</u>	<u>48.6</u>	<u>54.6</u>	<u>52.7</u>	<u>53.0</u>	<u>55.2</u>
94068	<u>54.0</u>	<u>54.0</u>	<u>48.6</u>	<u>54.9</u>	<u>52.0</u>	<u>53.3</u>	<u>50.5</u>
93605	<u>55.7</u>	<u>56.8</u>	<u>50.2</u>	<u>55.4</u>	<u>53.9</u>	<u>54.0</u>	<u>57.4</u>
69548	<u>55.9</u>	<u>56.2</u>	<u>51.1</u>	<u>56.2</u>	<u>54.1</u>	<u>54.5</u>	<u>57.7</u>
69604	<u>55.7</u>	<u>56.6</u>	<u>57.3</u>	<u>56.6</u>	<u>54.1</u>	<u>54.0</u>	<u>57.0</u>
LASB50529 68665	<u>54.9</u>	<u>57.2</u>	<u>49.7</u>	<u>55.5</u>	<u>54.5</u>	<u>53.7</u>	<u>57.7</u>
LASB50418 69595	<u>56.3</u>	<u>57.3</u>	<u>51.5</u>	<u>56.4</u>	<u>55.1</u>	<u>55.9</u>	<u>57.2</u>
69036	<u>56.4</u>	<u>57.2</u>	<u>51.3</u>	<u>56.9</u>	<u>54.8</u>	<u>54.9</u>	<u>56.4</u>
LASB50451 69361	<u>56.8</u>	<u>57.5</u>	<u>51.7</u>	<u>57.2</u>	<u>54.7</u>	<u>55.1</u>	<u>57.1</u>
69559	<u>56.2</u>	<u>56.9</u>	<u>51.3</u>	<u>57.0</u>	<u>54.4</u>	<u>54.8</u>	<u>56.9</u>
LASB50448 69491	<u>56.9</u>	<u>57.2</u>	<u>51.4</u>	<u>56.4</u>	<u>54.4</u>	<u>56.0</u>	<u>57.4</u>

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INITIAL QA DATE 5-23-16

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6.[4] Date: From 5-23-16 to 5-29-16

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	57.0	58.2	52.5	57.5	55.2	50.2	40.1
87826	57.3	58.5	51.9	57.6	54.0	55.0	58.2
87823	57.8	57.0	52.5	57.3	55.4	55.7	58.5
87825	57.4	59.2	52.4	58.3	50.2	50.3	59.3
End Time (6.[14])	1312	1342	1327	1355	1307	1305	1305
6.[14]	WO: <u>FA</u>	WO: <u>von</u>	WO: <u>FA</u>	WO: <u>QA</u>	WO: <u>von</u>	WO: <u>von</u>	WO: <u>von</u>
	WO: <u>FA</u>	WO: <u>FA</u>	WO: <u>von</u>	WO: <u>FA</u>	WO: <u>FA</u>	WO: <u>FA</u>	WO: <u>FA</u>

Comments: NC

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6.[4] Date: From 5-23-16 to 5-29-16

6.[18] Performed by:

<u>JUAN GARCIA</u>	<u>[Signature]</u>	<u>1169840</u>	<u>[Initials]</u>	<u>15-23-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Fabian Anaya</u>	<u>[Signature]</u>	<u>1174963</u>	<u>FA</u>	<u>15-23-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Valerie Martinez</u>	<u>[Signature]</u>	<u>123958</u>	<u>VM</u>	<u>5-24-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Juan Garcia</u>	<u>[Signature]</u>	<u>1169840</u>	<u>[Initials]</u>	<u>15-24-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Juan Garcia</u>	<u>[Signature]</u>	<u>1169840</u>	<u>[Initials]</u>	<u>15-25-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>[Signature]</u>	<u>1191920</u>	<u>[Initials]</u>	<u>15-25-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>[Signature]</u>	<u>1191920</u>	<u>[Initials]</u>	<u>15-26-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date

<u>Fabian Anaya</u>	<u>[Signature]</u>	<u>1174963</u>	<u>FA</u>	<u>15-26-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Valerie Martinez</u>	<u>[Signature]</u>	<u>123958</u>	<u>VM</u>	<u>5/27/16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Fabian Anaya</u>	<u>[Signature]</u>	<u>1174963</u>	<u>FA</u>	<u>15-27-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Valerie Martinez</u>	<u>[Signature]</u>	<u>123958</u>	<u>VM</u>	<u>5/28/16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Fabian Anaya</u>	<u>[Signature]</u>	<u>1174963</u>	<u>FA</u>	<u>15-28-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Valerie Martinez</u>	<u>[Signature]</u>	<u>123958</u>	<u>VM</u>	<u>5/29/16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Fabian Anaya</u>	<u>[Signature]</u>	<u>1174963</u>	<u>FA</u>	<u>15-29-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date

9.1[2] Reviewed by:

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

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

6.[4] Date: From 5-30-16 to 6-05-16

	Monday 6.[4] Start Time: <u>1336</u>	Tuesday 6.[4] Start Time: <u>1346</u>	Wednesday 6.[4] Start Time: <u>1305</u>	Thursday 6.[4] Start Time: <u>1321</u>	Friday 6.[4] Start Time: <u>1335</u>	Saturday 6.[4] Start Time: <u>1314</u>	Sunday 6.[4] Start Time: <u>1315</u>
TA-54-0375 Cell 1							
Calibrated infrared thermometer (4.2[1][B])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-7-16</u> File Number: <u>040986</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-7-16</u> File Number: <u>040986</u>	Brand: <u>Fluke</u> Model: <u>5101</u> Cal. Due Date: <u>7-7-16</u> File Number: <u>040986</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-7-16</u> File Number: <u>040986</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-7-16</u> File Number: <u>040986</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-7-16</u> File Number: <u>040986</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-7-16</u> File Number: <u>040986</u>
Ambient Temperature(6.[5])	<u>62.0</u> °F	<u>61.0</u> °F	<u>58.2</u> °F	<u>60.4</u> °F	<u>63.9</u> °F	<u>62.5</u> °F	<u>66.4</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>66.3</u>	<u>62.6</u>	<u>58.5</u>	<u>64.9</u>	<u>66.3</u>	<u>66.5</u>	<u>68.7</u>
LA00000070503	68540 <u>61.5</u>	<u>59.3</u>	<u>57.4</u>	<u>59.9</u>	<u>64.1</u>	<u>64.5</u>	<u>64.7</u>
	68553 <u>62.3</u>	<u>61.0</u>	<u>57.5</u>	<u>60.4</u>	<u>62.9</u>	<u>64.7</u>	<u>64.3</u>
69445	<u>61.3</u>	<u>59.7</u>	<u>58.8</u>	<u>60.5</u>	<u>62.9</u>	<u>65.7</u>	<u>65.1</u>
69618	<u>61.6</u>	<u>60.1</u>	<u>57.8</u>	<u>60.6</u>	<u>62.8</u>	<u>64.3</u>	<u>64.2</u>
69013	<u>61.0</u>	<u>60.1</u>	<u>57.0</u>	<u>60.6</u>	<u>63.0</u>	<u>64.6</u>	<u>64.5</u>
L.ASB50522 69076	<u>60.2</u>	<u>58.9</u>	<u>57.0</u>	<u>60.0</u>	<u>62.1</u>	<u>63.0</u>	<u>63.0</u>
L.ASB50452 69490	<u>60.3</u>	<u>58.2</u>	<u>51.4</u>	<u>59.2</u>	<u>61.4</u>	<u>62.5</u>	<u>63.2</u>
L.ASB50431 69280	<u>59.9</u>	<u>58.0</u>	<u>55.8</u>	<u>60.3</u>	<u>61.0</u>	<u>62.2</u>	<u>63.0</u>
L.ASB50069 69208	<u>60.3</u>	<u>58.6</u>	<u>51.3</u>	<u>59.4</u>	<u>61.2</u>	<u>63.2</u>	<u>62.5</u>
L.ASB50073 69079	<u>60.2</u>	<u>58.6</u>	<u>51.9</u>	<u>59.8</u>	<u>61.9</u>	<u>63.6</u>	<u>63.2</u>
69636	<u>59.2</u>	<u>57.2</u>	<u>51.3</u>	<u>59.8</u>	<u>61.8</u>	<u>62.6</u>	<u>63.6</u>

57.2

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6.[4] Date: From 5-30-16 to 6-05-16

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	60.5	58.6	50.9	59.2	61.7	63.1	63.3
69417	N/A	N/A	N/A	N/A	N/A	N/A	N/A
69620	62.0	58.9	57.0	59.2	62.0	63.3	64.2
69520	60.4	58.9	56.6	59.6	62.3	63.3	63.1
69641	61.0	58.8	50.5	59.2	61.4	62.5	64.4
69298	59.7	58.0	56.1	58.7	61.6	64.4	63.2
LASB02203 92669	59.0	56.4	54.0	57.6	59.3	61.3	61.6
End Time (6.[14])	1341	1349	1310	1326	1337	1318	1319
6.[14]	WO: FA WO: VON	WO: FA WO: FA	WO: VON WO: 2	WO: FA WO: 2	WO: VON WO: 2	WO: FA WO: FA	WO: FA WO: FA

Comments: NC

SWB/drum 69417 is no longer considered a RNS drum by LANL or NMED

NOTE: Containers marked by an (*) are POCs.

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ATTACHMENT 2

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6.[4] Date: From 5-31-16 to 6/5/16

6.[18] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
Tina Aguirre	<i>Tina Aguirre</i>	11497	TA	5-30-16
Valerie Martinez	<i>Valerie Martinez</i>	03958	VM	5/30/16
Tina Aguirre	<i>Tina Aguirre</i>	11497	TA	5-31-16
Juan Garcia	<i>Juan Garcia</i>	11698401	JG	5-31-16
Valerie Martinez	<i>Valerie Martinez</i>	03958	VM	6/1/16
Leon Montoya	<i>Leon Montoya</i>	191526	LM	6/1/16
Tina Aguirre	<i>Tina Aguirre</i>	11497	TA	6-2-16

Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	<i>Leon Montoya</i>	191526	LM	6-2-16
Valerie Martinez	<i>Valerie Martinez</i>	03958	VM	6/3/16
Leon Montoya	<i>Leon Montoya</i>	191526	LM	5-31-16
Edward Pacheco	<i>Edward Pacheco</i>	100447	EP	6-4-16
Fabian Araya	<i>Fabian Araya</i>	174963	FA	6-4-16
Edward Pacheco	<i>Edward Pacheco</i>	100447	EP	6-5-16
Fabian Araya	<i>Fabian Araya</i>	174963	FA	6-5-16

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

6.[4] Date: From 5-30-16 to 6-05-16

		Monday 6.[4] Start Time: <u>1329</u>	Tuesday 6.[4] Start Time: <u>1339</u>	Wednesday <u>1311</u> 6.[4] Start Time: <u>1305</u> ^{with 11:00 AM}	Thursday 6.[4] Start Time: <u>1327</u>	Friday 6.[4] Start Time: <u>1338</u>	Saturday 6.[4] Start Time: <u>1309</u>	Sunday 6.[4] Start Time: <u>1309</u>
TA-54-0375 Cell 2								
Calibrated infrared thermometer (4.2 1 B)		Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number <u>101916</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number <u>101916</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number <u>101916</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number <u>101916</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number <u>101916</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number <u>101916</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number <u>101916</u>
Ambient Temperature (6.5)		<u>56.0</u> °F	<u>54.5</u> °F	<u>53.3</u> °F	<u>56.4</u> °F	<u>56.3</u> °F	<u>56.8</u> °F	<u>57.4</u> °F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.6)		<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<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>53.9</u>	<u>54.6</u>	<u>52.1</u>	<u>53.9</u>	<u>54.9</u>	<u>56.5</u>	<u>56.1</u>	
68638	<u>56.3</u>	<u>55.5</u>	<u>54.0</u>	<u>56.4</u>	<u>56.6</u>	<u>56.4</u>	<u>57.3</u>	
69615	<u>56.9</u>	<u>57.1</u>	<u>54.7</u>	<u>56.6</u>	<u>57.9</u>	<u>58.8</u>	<u>59.8</u>	
69635	<u>56.2</u>	<u>55.4</u>	<u>54.5</u>	<u>56.6</u>	<u>57.6</u>	<u>58.6</u>	<u>59.6</u>	
69642	<u>57.9</u>	<u>57.1</u>	<u>56.0</u>	<u>56.7</u>	<u>59.5</u>	<u>60.1</u>	<u>61.1</u>	
69630	<u>55.6</u>	<u>56.7</u>	<u>54.3</u>	<u>56.9</u>	<u>57.1</u>	<u>58.1</u>	<u>60.6</u>	
69633	<u>57.0</u>	<u>56.6</u>	<u>54.4</u>	<u>56.5</u>	<u>57.2</u>	<u>58.4</u>	<u>59.2</u>	
68430	<u>57.4</u>	<u>56.6</u>	<u>54.6</u>	<u>57.7</u>	<u>58.4</u>	<u>59.3</u>	<u>59.8</u>	
68631	<u>55.1</u>	<u>55.2</u>	<u>53.2</u>	<u>55.9</u>	<u>56.2</u>	<u>58.6</u>	<u>57.5</u>	
69634	<u>53.4</u>	<u>53.4</u>	<u>51.6</u>	<u>53.8</u>	<u>53.8</u>	<u>56.0</u>	<u>56.3</u>	
68567	<u>54.7</u>	<u>53.9</u>	<u>52.3</u>	<u>56.1</u>	<u>55.1</u>	<u>55.8</u>	<u>57.5</u>	
94227	<u>56.0</u>	<u>54.1</u>	<u>53.3</u>	<u>56.3</u>	<u>56.4</u>	<u>58.4</u>	<u>57.2</u>	
LASB50442 68648	<u>55.8</u>	<u>55.5</u>	<u>54.4</u>	<u>57.7</u>	<u>57.4</u>	<u>57.1</u>	<u>60.6</u>	
69644	<u>55.5</u>	<u>55.7</u>	<u>54.0</u>	<u>57.9</u>	<u>57.4</u>	<u>57.7</u>	<u>58.6</u>	
LASB50443 69183	<u>56.0</u>	<u>56.2</u>	<u>54.1</u>	<u>57.2</u>	<u>57.7</u>	<u>58.1</u>	<u>59.0</u>	
69638	<u>56.2</u>	<u>55.9</u>	<u>53.6</u>	<u>56.6</u>	<u>57.9</u>	<u>59.0</u>	<u>60.0</u>	

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Z# 174927

INITIAL JA DATE 5-30-16

update Temps
for 6-4-16

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6.[4] Date: From 5-30-16 to 6-05-16

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	55.1	57.2	54.2	56.8	57.1	57.8	58.8
68507	55.3	55.9	53.9	57.8	57.7	58.0	60.1
69568	54.6	55.1	53.8	56.2	56.0	56.9	57.3
69553	54.6	55.0	53.1	56.5	56.2	58.9	59.4
69598	55.5	55.2	53.4	56.3	57.2	58.4	58.2
1.ASB50559	92472	54.4	52.5	52.2	54.9	54.7	55.4
	92459	53.7	53.8	52.3	55.2	53.4	55.8
69015	56.1	56.5	53.6	56.2	57.1	57.9	58.7
69639	54.9	55.1	54.0	56.2	57.0	57.0	58.3
69637	55.6	54.9	53.3	56.6	56.9	57.3	59.9
End Time (6.[14])	1335	1345	1314	1331	1341	1313	1314
6.[14]	WO: <u>VF</u> WO: <u>VF</u>	WO: <u>VA</u> WO: <u>VA</u>	WO: <u>VM</u> WO: <u>2</u>	WO: <u>VA</u> WO: <u>2</u>	WO: <u>VM</u> WO: <u>2</u>	WO: <u>FP</u> WO: <u>FB</u>	WO: <u>FP</u> WO: <u>FB</u>

Comments: NC

UET

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6.[4] Date: From 5-30-16 to 6/5/16

6.[18] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
Tina Aguirre	<i>Tina Aguirre</i>	11997	TA	5-30-16
Valerie Martinez	<i>Valerie Martinez</i>	23958	VM	5/30/16
Tina Aguirre	<i>Tina Aguirre</i>	11997	TA	5-31-16
Juan Garcia	<i>Juan Garcia</i>	11934	JA	5-31-16
Valerie Martinez	<i>Valerie Martinez</i>	23958	VM	6/1/16
Leon Montoya	<i>Leon Montoya</i>	191526	LM	6-1-16
Tina Aguirre	<i>Tina Aguirre</i>	11997	TA	6-2-16

Waste Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	<i>Leon Montoya</i>	191526	LM	6-2-16
Valerie Martinez	<i>Valerie Martinez</i>	23958	VM	6/3/16
Leon Montoya	<i>Leon Montoya</i>	191526	LM	6-3-16
Edward Pacheco	<i>Edward Pacheco</i>	100447	EP	6-4-16
Fabian Anaya	<i>Fabian Anaya</i>	1174463	FA	6-4-16
Edward Pacheco	<i>Edward Pacheco</i>	100447	EP	6-5-16
Fabian Anaya	<i>Fabian Anaya</i>	1174463	FA	6-5-16

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

6.[4] Date: From 5-30-16 to 6-05-16

	Monday 6.[4] Start Time: 1321	Tuesday 6.[4] Start Time: 1334	Wednesday 6.[4] Start Time: 1315	Thursday 6.[4] Start Time: 1332	Friday 6.[4] Start Time: 1342	Saturday 6.[4] Start Time: 1305	Sunday 6.[4] Start Time: 1305
TA-54-0375 Cell 3							
Calibrated infrared thermometer (4.2.[1][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>58.7</u> °F	<u>59.2</u> °F	<u>57.1</u> °F	<u>59.9</u> °F	<u>61.2</u> °F	<u>62.9</u> °F	<u>62.7</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	57.7	57.4	55.8	59.9	59.0	62.8	61.0
69645	57.6	55.2	54.3	58.3	56.8	58.5	58.9
94068	56.7	57.1	54.4	58.3	57.0	59.6	60.1
93605	57.5	56.1	55.2	58.3	59.9	59.9	61.6
69548	59.1	56.8	56.4	59.9	60.9	60.5	61.4
69604	59.4	57.4	56.2	59.3	60.9	60.8	61.5
LASB50529 68665	58.2	55.9	55.3	59.1	59.6	59.8	60.1
LASB50418 69595	57.2	57.2	56.6	59.4	60.4	60.6	60.9
69036	<u>60.6</u> <u>5-30-16</u>	56.2	56.8	60.3	59.8	60.9	60.5
LASB50451 69361	57.2 59.2	57.3	56.3	60.6	59.5	61.2	61.2
69559	57.6	57.0	56.3	59.4	60.6	62.0	61.4
LASB50448 69491	57.3	57.6	56.7	60.7	60.9	61.2	61.9

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Z# 174917

INITIAL CA DATE 5-30-16

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6.[4] Date: From 5-30-16 to 6-05-16

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	60.5	59.1	57.8	61.3	63.1	62.9	62.7
87826	58.9	57.9	57.3	60.9	61.1	62.8	62.4
87823	60.2	59.3	58.2	61.6	62.6	63.5	63.3
87825	61.9	58.3	58.2	62.5	62.1	63.0	62.1
End Time (6.[14])	1328	1338	1318	1333	1344 VM 1343 6:31	1308	1308
6.[14]	WO: <u>JA</u> WO: <u>Von</u>	WO: <u>JA</u> WO: <u>JA</u>	WO: <u>Von</u> WO: <u>E</u>	WO: <u>JA</u> WO: <u>E</u>	WO: <u>Von</u> WO: <u>E</u>	WO: <u>EP</u> WO: <u>FA</u>	WO: <u>EP</u> WO: <u>FA</u>

Comments: Nc

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6.[4] Date: From 5-30-16 to 6-05-16

6.[18] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
Tina Aguirre		1749701A	TA	5-30-16
Valerie Martinez		23958	VM	5/30/16
Tina Aguirre		1749701A	TA	5-31-16
Juan Gonzalez		169840	JG	5-31-16
Valerie Martinez		23958	VM	5-31-16
Leon Martinez		19926	LM	6-1-16
Tina Aguirre		1749701A	TA	6-02-16

Waste Operator (print)	Signature	Z#	Initials	Date
Leon Martinez		19926	LM	6-2-16
Valerie Martinez		23958	VM	6/3/16
Leon Martinez		19926	LM	6-3-16
Edward Pacheco		100497	EP	6-4-16
Fabian Anaya		174963	FA	6-4-16
Edward Pacheco		100497	EP	6-5-16
Fabian Anaya		174963	FA	6-5-16

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

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Z# 174977

INITIAL JA DATE 6-06-16

6.[4] Date: From 6-06-16 to 6-12-16

	Monday 6.[4] Start Time: <u>1318</u>	Tuesday 6.[4] Start Time: <u>1314</u>	Wednesday 6.[4] Start Time: <u>1423</u>	Thursday 6.[4] Start Time: <u>1315</u>	Friday 6.[4] Start Time: <u>1310</u>	Saturday 6.[4] Start Time: <u>1303</u>	Sunday 6.[4] Start Time: <u>1300</u>
TA-54-0375 Cell 1							
Calibrated infrared thermometer (4.2[1][B])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-7-16</u> File Number: <u>040986</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-5-16</u> File Number: <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-7-16</u> File Number: <u>040986</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-7-16</u> File Number: <u>040986</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-5-16</u> File Number: <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-5-16</u> File Number: <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-5-16</u> File Number: <u>101974</u>
Ambient Temperature(6.[5])	<u>45.8</u> °F	<u>66.6</u> °F	<u>44.7</u> °F	<u>66.2</u> °F	<u>66.8</u> °F	<u>67.7</u> °F	<u>66.5</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])
68685	<u>49.0</u>	<u>69.8</u>	<u>47.6</u>	<u>64.1</u>	<u>69.2</u>	<u>67.8</u>	<u>68.3</u>
LA00000070503	68540	<u>44.9</u>	<u>65.3</u>	<u>44.8</u>	<u>65.0</u>	<u>64.5</u>	<u>66.2</u>
	68553	<u>44.4</u>	<u>65.3</u>	<u>44.5</u>	<u>65.4</u>	<u>64.6</u>	<u>66.2</u>
69445	<u>45.0</u>	<u>65.0</u>	<u>44.4</u>	<u>64.8</u>	<u>66.3</u>	<u>65.1</u>	<u>67.2</u>
69618	<u>44.4</u>	<u>65.7</u>	<u>44.4</u>	<u>64.7</u>	<u>65.6</u>	<u>65.4</u>	<u>66.3</u>
69013	<u>46.3</u>	<u>64.1</u>	<u>44.7</u>	<u>65.4</u>	<u>66.5</u>	<u>66.5</u>	<u>66.1</u>
LASB50522	69076	<u>45.0</u>	<u>64.2</u>	<u>43.7</u>	<u>64.5</u>	<u>65.9</u>	<u>65.3</u>
LASB50452	69490	<u>44.1</u>	<u>62.8</u>	<u>43.4</u>	<u>63.7</u>	<u>67.1</u>	<u>65.4</u>
LASB50431	69280	<u>44.9</u>	<u>64.5</u>	<u>42.4</u>	<u>63.6</u>	<u>63.7</u>	<u>64.8</u>
LASB50069	69208	<u>43.3</u>	<u>63.8</u>	<u>43.10</u>	<u>62.9</u>	<u>62.6</u>	<u>63.9</u>
LASB50073	69079	<u>44.6</u>	<u>63.8</u>	<u>43.10</u>	<u>63.9</u>	<u>65.5</u>	<u>64.6</u>
69636		<u>44.4</u>	<u>65.7</u>	<u>42.8</u>	<u>63.4</u>	<u>65.3</u>	<u>64.6</u>

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6.[4] Date: From 6-06-16 to 6-12-16

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	65.2	64.5	63.7	63.8	64.9	64.0	64.8
69417	N/A	N/A	N/A	N/A	N/A	N/A	N/A
69620	64.6	64.7	63.5	64.1	64.9	64.8	65.0
69520	63.4	64.2	64.7	63.9	64.7	66.9	63.7
69641	64.6	64.0	65.2	63.6	64.8	64.4	64.4
69298	63.3	63.1	63.1	63.3	64.8	63.8	64.3
LASB02203 92669	61.1	61.8	60.2	61.0	61.8	61.3	61.5
End Time (6.[14])	1325	1319	1301	1321	1316	1306	1304
6.[14]	WO: <u>Von</u> WO: <u>FA</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>Von</u> WO: <u>FA</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>

Comments:

^{FA 6-9-16} 6-9-16 As per some suspended ^{FA 6-9-16} temperature readings due to suspected bulging drum in Dome 232. Exit time was 1316.

SWB/drum 69417 is no longer considered a RNS drum by LANL or NMED

NOTE: Containers marked by an (*) are POCs.

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ATTACHMENT 2

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6.[4] Date: From 6-06-16 to 6-12-16

6.[18] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
Fabian Anaya	<i>Fabian Anaya</i>	1174963	FA	6-6-16
Valerie Martinez	<i>Valerie Martinez</i>	23958	VM	6-11-16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	6-7-16
Leon Martinez	<i>Leon Martinez</i>	19521	LM	6-7-16
Valerie Martinez	<i>Valerie Martinez</i>	23958	VM	6-8-16
Fabian Anaya	<i>Fabian Anaya</i>	1174963	FA	6-8-16
Tina Aguirre	<i>Tina Aguirre</i>	12497	TA	6-9-16

Waste Operator (print)	Signature	Z#	Initials	Date
Leon Martinez	<i>Leon Martinez</i>	19521	LM	6-9-16
Tina Aguirre	<i>Tina Aguirre</i>	12497	TA	6-10-16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	6-10-16
Tina Aguirre	<i>Tina Aguirre</i>	12497	TA	6-11-16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	6-11-16
Tina Aguirre	<i>Tina Aguirre</i>	12497	TA	6-12-16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	6-12-16

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

WORKING COPY
 Z# 174927
 INITIAL QA DATE 6-06-16

6.[4] Date: From 6-06-16 to 6-12-16

		Monday 6.[4] Start Time: <u>1320</u>	Tuesday 6.[4] Start Time: <u>1320</u>	Wednesday 6.[4] Start Time: <u>1502</u>	Thursday 6.[4] Start Time: <u>1446</u>	Friday 6.[4] Start Time: <u>1317</u>	Saturday 6.[4] Start Time: <u>1307</u>	Sunday 6.[4] Start Time: <u>1305</u>
TA-54-0375 Cell 2								
Calibrated infrared thermometer (4.2[1][B])		Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-6-16</u> File Number: <u>101916</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-6-16</u> File Number: <u>101916</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-6-16</u> File Number: <u>101916</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-6-16</u> File Number: <u>101916</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-6-16</u> File Number: <u>101916</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-6-16</u> File Number: <u>101916</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-6-16</u> File Number: <u>101916</u>
Ambient Temperature (6.[5])		<u>57.6</u> °F	<u>58.0</u> °F	<u>57.6</u> °F	<u>59.9</u> °F	<u>57.9</u> °F	<u>58.8</u> °F	<u>59.4</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 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])
LASB02198	68408	<u>54.8</u>	<u>56.3</u>	<u>55.1</u>	<u>56.5</u>	<u>55.6</u>	<u>55.3</u>	<u>58.0</u>
	68638	<u>57.9</u>	<u>58.7</u>	<u>57.1</u>	<u>60.0</u>	<u>58.3</u>	<u>57.2</u>	<u>58.5</u>
	69615	<u>59.1</u>	<u>60.4</u>	<u>58.9</u>	<u>61.4</u>	<u>59.7</u>	<u>60.1</u>	<u>60.0</u>
	69635	<u>59.2</u>	<u>59.6</u>	<u>58.8</u>	<u>62.4</u>	<u>59.6</u>	<u>60.3</u>	<u>60.7</u>
	69642	<u>60.5</u>	<u>61.5</u>	<u>60.9</u>	<u>63.9</u>	<u>61.6</u>	<u>61.5</u>	<u>61.5</u>
	69630	<u>57.7</u>	<u>60.0</u>	<u>58.4</u>	<u>60.5</u>	<u>59.9</u>	<u>60.6</u>	<u>60.6</u>
	69633	<u>57.9</u>	<u>58.7</u>	<u>58.5</u>	<u>60.2</u>	<u>58.5</u>	<u>58.5</u>	<u>59.4</u>
	68430	<u>60.1</u>	<u>55.6</u>	<u>59.3</u>	<u>62.4</u>	<u>60.8</u>	<u>60.0</u>	<u>62.3</u>
	68631	<u>57.2</u>	<u>56.7</u>	<u>57.2</u>	<u>59.5</u>	<u>58.0</u>	<u>57.8</u>	<u>58.0</u>
	69634	<u>56.2</u>	<u>57.7</u>	<u>54.4</u>	<u>55.9</u>	<u>55.3</u>	<u>55.6</u>	<u>59.2</u>
	68567	<u>58.3</u>	<u>57.7</u>	<u>56.7</u>	<u>57.3</u>	<u>56.3</u>	<u>56.7</u>	<u>55.9</u>
	94227	<u>59.5</u>	<u>57.7</u>	<u>58.1</u>	<u>59.1</u>	<u>57.1</u>	<u>57.7</u>	<u>57.7</u>
LASB50442	68648	<u>52.0</u>	<u>59.7</u>	<u>58.2</u>	<u>59.8</u>	<u>58.9</u>	<u>58.1</u>	<u>58.6</u>
	69644	<u>52.8</u>	<u>59.1</u>	<u>58.5</u>	<u>60.4</u>	<u>59.4</u>	<u>59.4</u>	<u>60.0</u>
LASB50443	69183	<u>58.9</u>	<u>59.3</u>	<u>59.7</u>	<u>61.0</u>	<u>59.4</u>	<u>60.2</u>	<u>60.0</u>
	69638	<u>58.1</u>	<u>58.8</u>	<u>58.4</u>	<u>60.8</u>	<u>58.6</u>	<u>59.1</u>	<u>61.5</u>

TA-54 Area G Remediated Nitrate Salt Waste Container Monitoring

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6.[4] Date: From 6-06-16 to 6-12-16

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	58.0	58.7	57.9	60.1	59.9	59.0	59.6
68507	57.5	59.3	58.4	61.2	57.3	58.5	59.8
69568	57.5 57.8	58.0	57.4	58.5	58.7	57.7	58.6
69553	58.1	57.4	56.7	58.2	57.0	57.3	57.9
69598	55.4	58.5	58.8	59.2	58.1	58.0	60.1
LASB50559	92472	56.3	56.2	55.6	57.7	56.2	56.8
	92459	58.7	55.9	56.5	56.1	56.1	56.5
69015	57.9	59.8	58.7	61.1	59.8	61.1	60.1
69639	57.9	59.6	58.3	59.8	58.4	60.5	60.4
69637	59.0	58.8	57.7	60.6	58.6	58.5	59.0
End Time (6.[14])	1328	1324	1509	1450	1323	1311	1309
6.[14]	WO: <u>VM</u> WO: <u>FK</u>	WO: <u>VM</u> WO: <u>FK</u>	WO: <u>VM</u> WO: <u>FK</u>	WO: <u>VM</u> WO: <u>FK</u>	WO: <u>VM</u> WO: <u>FK</u>	WO: <u>VM</u> WO: <u>FK</u>	WO: <u>VM</u> WO: <u>FK</u>

Comments:

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ATTACHMENT 3
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6.[4] Date: From 6-06-16 to 6-12-16

6.[18] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
Fabian Anaya	<i>Fabian Anaya</i>	1174962	FA	6-6-16
Valerie Martinez	<i>Valerie Martinez</i>	239958	VM	6/6/16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	6-7-16
Leon Martinez	<i>Leon Martinez</i>	119526	LM	6-7-16
Valerie Martinez	<i>Valerie Martinez</i>	239958	VM	6/8/16
Fabian Anaya	<i>Fabian Anaya</i>	1174962	FA	6-8-16
Tina Aguirre	<i>Tina Aguirre</i>	124971	TA	6-9-16

Waste Operator (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	6-9-16
Leon Martinez	<i>Leon Martinez</i>	119526	LM	6-9-16
Tina Aguirre	<i>Tina Aguirre</i>	124971	TA	6-10-16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	6-10-16
Tina Aguirre	<i>Tina Aguirre</i>	124971	TA	6-11-16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	6-11-16
Tina Aguirre	<i>Tina Aguirre</i>	124971	TA	6-12-16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	6-12-16

9.1[2] Reviewed by:

SOM (print)	Signature	Z#	Initials	Date

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WORKING COPY
 Z# 174927
 INITIAL DA DATE 6-06-16

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

6.[4] Date: From 6-06-16 to 6-12-16

Monday 6.[4] Start Time: <u>1329</u>	Tuesday 6.[4] Start Time: <u>1325</u>	Wednesday 6.[4] Start Time: <u>1510</u>	Thursday 6.[4] Start Time: <u>1442</u>	Friday 6.[4] Start Time: <u>1324</u>	Saturday 6.[4] Start Time: <u>1312</u>	Sunday 6.[4] Start Time: <u>1310</u>
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TA-54-0375 Cell 3							
Calibrated infrared thermometer (4.2.11)(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>62.7</u> °F	<u>62.3</u> °F	<u>63.4</u> °F	<u>64.3</u> °F	<u>63.5</u> °F	<u>61.9</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 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>62.3</u>	<u>61.1</u>	<u>61.2</u>	<u>62.1</u>	<u>63.5</u>	<u>62.2</u>	<u>62.5</u>
69645	<u>60.8</u>	<u>58.3</u>	<u>58.0</u>	<u>58.3</u>	<u>58.0</u>	<u>58.2</u>	<u>58.4</u>
94068	<u>60.2</u>	<u>59.7</u>	<u>60.7</u>	<u>61.4</u>	<u>60.0</u>	<u>61.6</u>	<u>62.3</u>
93605	<u>61.4</u>	<u>61.1</u>	<u>61.3</u>	<u>62.4</u>	<u>60.2</u>	<u>61.7</u>	<u>61.4</u>
69548	<u>62.10</u>	<u>61.3</u>	<u>61.4</u>	<u>63.9</u>	<u>62.0</u>	<u>62.1</u>	<u>60.2</u>
69604	<u>63.2</u>	<u>62.3</u>	<u>61.0</u>	<u>65.0</u>	<u>62.5</u>	<u>62.1</u>	<u>62.5</u>
LASB50529 68665	<u>61.4</u>	<u>61.0</u>	<u>61.0</u>	<u>62.0</u>	<u>60.9</u>	<u>61.5</u>	<u>58.6</u>
LASB50418 69595	<u>61.8</u>	<u>61.1</u>	<u>61.0</u>	<u>62.2</u>	<u>61.9</u>	<u>62.2</u>	<u>61.3</u>
69036	<u>64.8</u>	<u>61.7</u>	<u>60.9</u>	<u>63.9</u>	<u>62.1</u>	<u>62.3</u>	<u>62.5</u>
LASB50451 69361	<u>62.9</u>	<u>61.3</u>	<u>61.7</u>	<u>60.6</u>	<u>60.6</u>	<u>61.7</u>	<u>61.9</u>
69559	<u>62.10</u>	<u>61.3</u>	<u>60.9</u>	<u>62.7</u>	<u>63.5</u>	<u>62.2</u>	<u>61.9</u>
LASB50448 69491	<u>62.6</u>	<u>66.2</u>	<u>61.3</u>	<u>63.2</u>	<u>62.7</u>	<u>62.9</u>	<u>61.6</u>

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ATTACHMENT 4

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6.[4] Date: From 6-06-16 to 6-12-16

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	64.6	63.2	63.2	65.0	66.0	65.5	63.6
87826	64.5	63.5	62.6	64.7	65.8	63.6	63.5
87823	64.9	63.7	63.4	66.2	65.9	66.5	63.6
87825	65.8	64.6	64.5	65.8	65.7 65.2	64.9	63.8
End Time (6.[14])	1339	1329	1512	1446	1328	1314	1313
6.[14]	WO: <u>Von</u> WO: <u>FW</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>Von</u> WO: <u>FW</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>

Comments:

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ATTACHMENT 4
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6.[4] Date: From 6-06-16 to 6-12-16

6.[18] Performed by:

Waste Operator (print)	Signature	Z#	Initials	Date
Fabian Araya	<i>Fabian Araya</i>	1174903	FA	6-6-16
Valerie Martinez	<i>Valerie Martinez</i>	039958	VM	6/8/16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	6-7-16
Valerie Martinez	<i>Valerie Martinez</i>	199261	VM	6-7-16
Valerie Martinez	<i>Valerie Martinez</i>	039958	VM	6/8/16
Fabian Araya	<i>Fabian Araya</i>	1174903	FA	6-8-16
Tina Aguirre	<i>Tina Aguirre</i>	1169840	TA	6-9-16

OK
6/9/16

Waste Operator (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	6-9-16
Valerie Martinez	<i>Valerie Martinez</i>	199261	VM	6-9-16
Tina Aguirre	<i>Tina Aguirre</i>	1169840	TA	6-10-16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	6-10-16
Tina Aguirre	<i>Tina Aguirre</i>	1169840	TA	6-11-16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	6-11-16
Tina Aguirre	<i>Tina Aguirre</i>	1169840	TA	6-12-16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	6-12-16

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

6.[4] Date: From 6-13-16 to 6-19-16

		Monday 6.[4] Start Time: <u>1329</u>	Tuesday 6.[4] Start Time: <u>1304</u>	Wednesday 6.[4] Start Time:	Thursday 6.[4] Start Time:	Friday 6.[4] Start Time:	Saturday 6.[4] Start Time:	Sunday 6.[4] Start Time:
TA-54-0375 Cell 1								
Calibrated infrared thermometer (4.2)[1][B])	Brand: <u>Fulcrum</u> Model: <u>561</u> Cal. Due Date: <u>7-7-16</u> File Number: <u>040986</u>	Brand: <u>Fulcrum</u> Model: <u>561</u> Cal. Due Date: <u>7-7-16</u> File Number: <u>040986</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>63.9</u> °F	<u>63.9</u> °F <u>62.5</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	<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])
68685	<u>68.4</u>	<u>68.4</u> <u>63.3</u>						
LA00000070503	68540	<u>64.1</u>	<u>64.1</u> <u>61.5</u>					
	68553	<u>63.4</u>	<u>63.4</u> <u>62.9</u>					
69445	<u>63.7</u>	<u>63.7</u> <u>62.2</u>						
69618	<u>63.0</u>	<u>63.0</u> <u>62.3</u>						
69013	<u>64.6</u>	<u>64.6</u> <u>62.6</u>						
LASB50522	69076	<u>62.3</u>	<u>62.3</u> <u>60.3</u>					
LASB50452	69490	<u>62.6</u>	<u>62.6</u> <u>60.6</u>					
LASB50431	69280	<u>62.2</u>	<u>62.2</u> <u>61.4</u>					
LASB50069	69208	<u>61.2</u>	<u>61.2</u> <u>60.7</u>					
LASB50073	69079	<u>62.8</u>	<u>62.8</u> <u>62.1</u>					
69636		<u>61.1</u>	<u>61.1</u> <u>59.5</u>					

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6.[4] Date: From 6-13-16 to 6-19-16

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	62.6	61.3					
69417	N/A	N/A	N/A	N/A	N/A	N/A	N/A
69620	62.7	60.2					
69520	62.5	60.9					
69641	62.4	60.5					
69298	60.5	59.3					
LASB02203 92669	59.0	58.3					
End Time (6.[14])	1334	1312					
6.[14]	WO: <u>JA</u> WO: <u>FK</u>	WO: <u>JA</u> WO: <u>JK</u>	WO: _____ WO: _____	WO: _____ WO: _____	WO: _____ WO: _____	WO: _____ WO: _____	WO: _____ WO: _____

Comments:

SWB/drum 69417 is no longer considered a RNS drum by LANL or NMED

NOTE: Containers marked by an (*) are POCs.

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ATTACHMENT 2

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6.[4] Date: From 6-13-16 to 6-14-16

6.[18] Performed by:

<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>174910A</u>	<u>TA</u>	<u>16-13-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Fabian Anaya</u>	<u>Fabian Anaya</u>	<u>174910A</u>	<u>FA</u>	<u>16-13-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>174910A</u>	<u>TA</u>	<u>16-14-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Juan Garcia</u>	<u>Juan Garcia</u>	<u>1698401</u>	<u>JG</u>	<u>16-14-16</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

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

9.1[2] Reviewed by:

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SOM (print)	Signature	Z#	Initials	Date

TA-54 Area G Remediated Nitrate Salt Waste Container Monitoring

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ATTACHMENT 3

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

6.[4] Date: From 6-13-16 to 6-19-16

		Monday 6.[4] Start Time: <u>1324</u>	Tuesday 6.[4] Start Time: <u>1313</u>	Wednesday 6.[4] Start Time: _____	Thursday 6.[4] Start Time: _____	Friday 6.[4] Start Time: _____	Saturday 6.[4] Start Time: _____	Sunday 6.[4] Start Time: _____
TA-54-0375 Cell 2								
Calibrated infrared thermometer (4.2[1][B])		Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number: <u>101916</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number: <u>101916</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>57.7</u> °F	<u>56.7</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])
LASB02198	68408	<u>55.7</u>	<u>53.7</u>					
	68638	<u>57.9</u>	<u>55.7</u>					
	69615	<u>58.5</u>	<u>57.8</u>					
	69635	<u>57.1</u>	<u>57.3</u>					
	69642	<u>60.5</u>	<u>58.2</u>					
	69630	<u>58.2</u>	<u>57.9</u>					
	69633	<u>60.1</u>	<u>56.5</u>					
	68430	<u>59.5</u>	<u>58.5</u>					
	68631	<u>56.7</u>	<u>55.2</u>					
	69634	<u>55.2</u>	<u>53.1</u>					
	68567	<u>56.5</u>	<u>54.2</u>					
	94227	<u>57.1</u>	<u>54.6</u>					
LASB50442	68648	<u>57.6</u>	<u>55.5</u>					
	69644	<u>60.3</u>	<u>56.3</u>					
LASB50443	69183	<u>58.5</u>	<u>56.6</u>					
	69638	<u>58.8</u>	<u>56.5</u>					

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ATTACHMENT 3

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6.[4] Date: From 6-13-16 to 6-19-16

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	59.1	55.5					
68507	59.7	55.3					
69568	58.2	54.4					
69553	59.9	54.8					
69598	58.3	56.5					
LASB50559	92472	56.2	52.8				
	92459	57.2	53.3				
69015	58.4	56.5					
69639	58.2	55.7					
69637	59.1	55.6					
End Time (6.[14])	1328	1316					
6.[14]	WO: <u>OK</u> WO: <u>FK</u>	WO: <u>[Signature]</u> WO: <u>[Signature]</u>	WO: _____ WO: _____	WO: _____ WO: _____	WO: _____ WO: _____	WO: _____ WO: _____	WO: _____ WO: _____

Comments:

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ATTACHMENT 3

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6.[4] Date: From 6-13-16 to 6-19-16

6.[18] Performed by:

<u>Lina Aguirre</u>	<u>[Signature]</u>	<u>124972</u>	<u>QA</u>	<u>6-13-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Fabian Anaya</u>	<u>[Signature]</u>	<u>1174501</u>	<u>FA</u>	<u>6-13-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Lina Aguirre</u>	<u>[Signature]</u>	<u>124972</u>	<u>QA</u>	<u>6-14-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Juan Garcia</u>	<u>[Signature]</u>	<u>1169840</u>	<u>JG</u>	<u>6-14-16</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

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

9.1[2] Reviewed by:

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SOM (print)	Signature	Z#	Initials	Date

TA-54 Area G Remediated Nitrate Salt Waste Container Monitoring

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ATTACHMENT 4

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

6.[4] Date: From 6-13-16 to 6-19-16

Monday 6.[4] Start Time:	Tuesday 6.[4] Start Time:	Wednesday 6.[4] Start Time:	Thursday 6.[4] Start Time:	Friday 6.[4] Start Time:	Saturday 6.[4] Start Time:	Sunday 6.[4] Start Time:
	1317					

TA-54-0375 Cell 3							
Calibrated infrared thermometer (4.2.[1][B])	Brand: <u>Flykce</u> Model: <u>561</u> Cal. Due Date: <u>10/25/16</u> File Number: <u>101912</u>	Brand: <u>Flykce</u> Model: <u>561</u> Cal. Due Date: <u>10/21/16</u> File Number: <u>101912</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>63.7</u> °F	<u>60.7</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>62.9</u>	<u>59.4</u>					
69645	<u>58.3</u>	<u>56.9</u>					
94068	<u>58.9</u>	<u>58.3</u>					
93605	<u>60.5</u>	<u>58.6</u>					
69548	<u>62.7</u>	<u>58.6</u>					
69604	<u>60.5</u>	<u>59.5</u>					
LASB50529 68665	<u>61.6</u>	<u>57.0</u>					
LASB50418 69595	<u>62.5</u>	<u>58.9</u>					
69036	<u>61.5</u>	<u>59.4</u>					
LASB50451 69361	<u>60.1</u>	<u>59.4</u>					
69559	<u>60.7</u>	<u>59.5</u>					
LASB50448 69491	<u>60.9</u>	<u>58.9</u>					

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6.[4] Date: From 6-13-16 to 6-19-16

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	62.6	61.3 61.3					
87826	62.1	62.0					
87823	63.8	63.5					
87825	63.6	62.6					
End Time (6.[14])	1323	1319					
6.[14]	WO: <u>AK</u> WO: <u>FK</u>	WO: <u>AK</u> WO: <u>AK</u>	WO: _____ WO: _____	WO: _____ WO: _____	WO: _____ WO: _____	WO: _____ WO: _____	WO: _____ WO: _____

Comments:

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ATTACHMENT 4

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6.[4] Date: From 6-13-16 to 6-19-16

6.[18] Performed by:

<u>Lina Aguirre</u>	<u>[Signature]</u>	<u>174903</u>	<u>FA</u>	<u>6-13-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Fabian Anaya</u>	<u>[Signature]</u>	<u>174903</u>	<u>FA</u>	<u>6-13-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Lina Aguirre</u>	<u>[Signature]</u>	<u>174903</u>	<u>FA</u>	<u>6-14-16</u>
Waste Operator (print)	Signature	Z#	Initials	Date
<u>Juan Garcia</u>	<u>[Signature]</u>	<u>118840</u>	<u>JG</u>	<u>6-14-16</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

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

9.1[2] Reviewed by:

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SOM (print)	Signature	Z#	Initials	Date