

From: Juarez, Catherine L

Sent: Wednesday, January 20, 2016 4:17 PM

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Subject: Monthly Technical Submittal - December 17, 2015 - January 20, 2016

Linked below is the written monthly technical submittal for December 17, 2015 – January 20, 2016. Submittals 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*; and the letters from NMED dated July 10, 2014, April 27, 2015, May 8, 2015, August 12, 2015 and January 14, 2016 regarding *Modification to May 19, 2014, Administrative Order*; and Section IX of the *LANL Nitrate Salt-Bearing Waste Container Isolation Plan, Revision 4*.

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

1. [NMED monthly written submission January 20 2016.pdf](#) (9.85 MB)

Catherine Juarez for

Mark Haagenstad
 Environmental Protection Division
 Compliance and Permitting Group
 Los Alamos National Laboratory
 Office: (505) 665-2014

NMED / LANL Technical Summary

December 17, 2015 – January 20, 2016

Participants:

- New Mexico Environment Department: Neelam Dhawan and Siona Briley.
- LANL – NNSA- Los Alamos Field Office: Jordan Arnswald.
- Environmental Management- Los Alamos Field Office (EM-LA): Karen Armijo.
- LANL – Los Alamos National Security: John McCann, Mark Haagenstad, Luciana Vigil-Holterman, Lydia Martinez and Cathy Juarez.

LANL Technical Update:

- **Location of Nitrate Salt-Bearing Wastes**
 - Remediated nitrate salt-bearing waste containers (55 SWBs and 4 overpacked POCs).
 - All containers remain in the 375 Permacon.
- **Monitoring - Daily Temperature**
 - Temperatures are currently below 90°F.
 - Previous 35 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.
 - December 17, 2015 – January 20, 2016 HSG data (H₂, CO, CO₂ and N₂O) attached.
 - Graphical depiction of HSG data for the two containers sampled daily and the five other SWB overpacks (containing 55-gallon drums of remediated nitrate salt-bearing waste) that are sampled twice weekly are attached.
 - CO₂ values are adjusted by the quantity of CO₂ in the field blank (i.e., the amount of CO₂ in the air at the time the sample is taken is subtracted from the CO₂ reading from the container). No other adjustments are made to the data.
 - Other containers:
 - A minimum of once per month HSG sampling will be conducted.
 - To date in January, LANL has completed HSG sampling for the month on 58 containers.
 - January 1, 4, 5, 6, 12, 13, 19 and 20, 2016 HSG data (H₂, CO, CO₂ and N₂O) attached.

- **Additional measures currently underway**
 - As a conservative measure, LANL is currently conducting additional monitoring. This additional monitoring includes:
 - Containers (SWBs) 68685 and SB50522.
 - Five other SWB overpacks (containing 55-gallon drums of remediated nitrate salt-bearing waste).
 - Twice-weekly HSG sample collection.
 - December 17, 21, 24, 28 and 31, 2015 and January 4, 7, 11, 14, and 18, 2016 HSG data (H₂, CO, CO₂ and N₂O) attached.
- **Anticipated Changes to Nitrate Salt-Bearing Waste Containers (e.g. movement, re-packaging)**
 - Currently, no further movements or re-packaging are occurring.

Other:

- Revision 4 of the Isolation Plan was approved by the NMED-HWB on January 14, 2016.
- The Permittees have discontinued twice weekly sampling of the four POCs in the month of January. The POCs are still on the general monthly rotation for monitoring.

Next Call: Wednesday, February 17, 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				69553				69615				69616				SB50069			
	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
12/17/15	148	195	5608	996	148	307	6725	825	114	226	4238	189	345	405	7710	1284	488	704	12887	1563
12/18/15	145	191	4159	897																
12/19/15	146	160	4442	958																
12/20/15	150	157	4054	874																
12/21/15	153	202	4463	992	171	341	7135	881	116	229	3979	179	349	395	7204	1213	497	727	12824	1537
12/22/15	148	210	4601	1004																
12/23/15	145	245	4070	907																
12/24/15	149	180	3910	842	171	274	6485	796	108	177	3942	169	339	372	7316	1212	519	707	12806	1499
12/25/15	148	218	4632	1022																
12/26/15	146	195	4309	930																
12/27/15	144	195	3947	861																
12/28/15	151	203	4119	899	185	332	6993	905	117	240	4330	186	342	373	7106	1213	459	793	12676	1488
12/29/15	144	206	4426	983																
12/30/15	156	191	4668	1009																
12/31/15	153	207	4432	961	191	345	7298	873	88	164	3255	139	364	433	8135	1358	384	722	12730	1493
01/01/16	152	201	4547	976																
01/02/16	151	230	4495	980																
01/03/16	155	193	4314	977																
01/04/16	152	211	4607	1019	169	319	6847	819	101	219	4202	190	362	435	8199	1360	449	772	13790	1616
01/05/16	150	178	4048	862																
01/06/16	154	194	3841	891																
01/07/16	154	217	4416	963	178	347	7374	885	117	240	4422	205	365	432	7966	1435	497	826	14517	1711
01/08/16	149	232	4427	952																
01/09/16	149	203	3935	845																
01/10/16	155	211	4433	954																
01/11/16	159	216	4740	1022	190	324	7384	867	85	158	3515	147	365	429	8177	1338	446	782	14214	1645
01/12/16	157	233	4811	1040																
01/13/16	137	189	4139	872																
01/14/16	158	203	4635	999	187	302	7168	840	91	181	4211	178	372	446	8383	1386	491	742	13803	1605
01/15/16	123	175	3560	776																
01/16/16	157	212	4501	1029																
01/17/16	138	175	3747	805																
01/18/16	46	72	1528	315	197	350	7353	852	95	217	4241	198	134	256	4838	777	438	785	14040	1630
01/19/16	156	182	3808	887																
01/20/16	146	220	4135	896																

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	SB50452				SB50522				68430				68507				70503 (68540/68553)			
	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
12/17/15	745	442	6942	1215	720	427	26218	1013												
12/18/15					675	410	24725	951												
12/19/15					709	432	26205	1005												
12/20/15					718	368	25666	1002												
12/21/15	770	458	6747	1194	719	440	26054	1020												
12/22/15					709	464	26641	1039												
12/23/15					672	510	25015	1024												
12/24/15	758	412	6577	1132	674	413	24659	963												
12/25/15					699	485	27615	1106												
12/26/15					685	458	26851	1065												
12/27/15					692	451	25452	1071												
12/28/15	746	483	6506	1149	690	437	25929	1200												
12/29/15					660	452	26358	1158												
12/30/15					677	446	25746	1041												
12/31/15	773	503	7393	1315	681	463	25882	1073												
01/01/16					631	425	24188	988												
01/02/16					656	444	24591	1005												
01/03/16					663	419	25403	1050												
01/04/16	754	488	7296	1290	651	464	26281	1099												
01/05/16					629	402	24633	1024									30	0	699	38
01/06/16					662	455	24833	1041												
01/07/16	756	468	6965	1236	658	452	25453	1069												
01/08/16					663	520	26092	1082												
01/09/16					680	506	27566	1209												
01/10/16					634	471	25544	1107												
01/11/16	792	497	7683	1328	658	483	27017	1157												
01/12/16					621	453	25085	1066												
01/13/16					663	464	26566	1142	186	173	2623	490	88	35	725	17				
01/14/16	745	457	6888	1196	676	477	27353	1186												
01/15/16					664	497	26388	1159												
01/16/16					649	482	26768	1186												
01/17/16					519	356	20614	896												
01/18/16	754	519	7432	1301	657	496	26914	1232												
01/19/16					629	405	23351	1041												
01/20/16					669	495	26504	1210												

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	68567				68624				68631				68638				69013				
	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	
12/17/15																					
12/18/15																					
12/19/15																					
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01/04/16																					
01/05/16																	20	0	408	0	
01/06/16																					
01/07/16																					
01/08/16																					
01/09/16																					
01/10/16																					
01/11/16																					
01/12/16					41	70	881	95													
01/13/16									15	0	331	34	12	0	158	0					
01/14/16																					
01/15/16																					
01/16/16																					
01/17/16																					
01/18/16																					
01/19/16	22	0	61	24																	
01/20/16																					

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	69015				69036				69298				69417				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	
12/17/15																					
12/18/15																					
12/19/15																					
12/20/15																					
12/21/15																					
12/22/15					79	60	217	100													
12/23/15																					
12/24/15																					
12/25/15																					
12/26/15																					
12/27/15																					
12/28/15																					
12/29/15																					
12/30/15																					
12/31/15																					
01/01/16																					
01/02/16																					
01/03/16																					
01/04/16																					
01/05/16													0	0	-37	0	231	250	3286	269	
01/06/16									669	576	6635	986									
01/07/16																					
01/08/16																					
01/09/16																					
01/10/16																					
01/11/16																					
01/12/16	73	36	844	70																	
01/13/16																					
01/14/16																					
01/15/16																					
01/16/16																					
01/17/16																					
01/18/16																					
01/19/16																					
01/20/16					81	39	166	73													

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	69519				69520				69548				69559				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
12/17/15																				
12/18/15																				
12/19/15																				
12/20/15																				
12/21/15																				
12/22/15									8	0	482	72	233	309	3440	918				
12/23/15																				
12/24/15																				
12/25/15																				
12/26/15																				
12/27/15																				
12/28/15																				
12/29/15																				
12/30/15																				
12/31/15																				
01/01/16																				
01/02/16																				
01/03/16																				
01/04/16																				
01/05/16					87	88	1411	471												
01/06/16																				
01/07/16																				
01/08/16																				
01/09/16																				
01/10/16																				
01/11/16																				
01/12/16																				
01/13/16																	91	70	177	186
01/14/16																				
01/15/16																				
01/16/16																				
01/17/16																				
01/18/16																				
01/19/16	205	171	2472	775																
01/20/16									12	0	291	78	232	243	2652	667				

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	69598				69604				69618				69620				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	
12/17/15																					
12/18/15																					
12/19/15																					
12/20/15																					
12/21/15																					
12/22/15					243	270	4171	1217													
12/23/15																					
12/24/15																					
12/25/15																					
12/26/15																					
12/27/15																					
12/28/15																					
12/29/15																					
12/30/15																					
12/31/15																					
01/01/16																					
01/02/16																					
01/03/16																					
01/04/16																					
01/05/16									109	89	1041	128	373	315	3468	605					
01/06/16																	414	511	7464	628	
01/07/16																					
01/08/16																					
01/09/16																					
01/10/16																					
01/11/16																					
01/12/16																					
01/13/16																					
01/14/16																					
01/15/16																					
01/16/16																					
01/17/16																					
01/18/16																					
01/19/16	32	0	223	32																	
01/20/16					267	234	3848	1103													

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	69633				69634				69635				69636				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
12/17/15																				
12/18/15																				
12/19/15																				
12/20/15																				
12/21/15																				
12/22/15																				
12/23/15																				
12/24/15																				
12/25/15																				
12/26/15																				
12/27/15																				
12/28/15																				
12/29/15																				
12/30/15																				
12/31/15																				
01/01/16																				
01/02/16																				
01/03/16																				
01/04/16																				
01/05/16																				
01/06/16													263	253	4332	477				
01/07/16																				
01/08/16																				
01/09/16																				
01/10/16																				
01/11/16																				
01/12/16	428	382	4758	611					109	148	2353	130					109	200	1950	432
01/13/16																				
01/14/16																				
01/15/16																				
01/16/16																				
01/17/16																				
01/18/16																				
01/19/16					90	0	264	148												
01/20/16																				

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	69638				69639				69641				69642				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	
12/17/15													64	83	1261	100					
12/18/15																					
12/19/15																					
12/20/15																					
12/21/15																					
12/22/15																					
12/23/15																					
12/24/15																					
12/25/15																					
12/26/15																					
12/27/15																					
12/28/15																					
12/29/15																					
12/30/15																					
12/31/15																					
01/01/16																					
01/02/16																					
01/03/16																					
01/04/16																					
01/05/16									311	391	3739	1121									
01/06/16													70	68	898	97					
01/07/16																					
01/08/16																					
01/09/16																					
01/10/16																					
01/11/16																					
01/12/16	466	426	4731	625	134	126	2251	112									208	206	2107	595	
01/13/16																					
01/14/16																					
01/15/16																					
01/16/16																					
01/17/16																					
01/18/16																					
01/19/16																					
01/20/16																					

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	69645				93605				94068				94227				SB02198					
	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		
12/17/15																						
12/18/15																						
12/19/15																						
12/20/15																						
12/21/15																						
12/22/15																						
12/23/15																						
12/24/15																						
12/25/15																						
12/26/15																						
12/27/15																						
12/28/15																						
12/29/15																						
12/30/15																						
12/31/15																						
01/01/16																						
01/02/16																						
01/03/16																						
01/04/16																						
01/05/16																						
01/06/16																						
01/07/16																						
01/08/16																						
01/09/16																						
01/10/16																						
01/11/16																						
01/12/16																						
01/13/16													23	24	87	168						
01/14/16																						
01/15/16																						
01/16/16																						
01/17/16																						
01/18/16																						
01/19/16	173	178	2650	430	261	269	2493	782	405	451	6330	1450					607	132	285	270		
01/20/16																						

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	SB02203				SB50073				SB50418				SB50431				SB50442				
	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	
12/17/15																					
12/18/15																					
12/19/15																					
12/20/15																					
12/21/15																					
12/22/15									362	268	2878	1018									
12/23/15																					
12/24/15																					
12/25/15																					
12/26/15																					
12/27/15																					
12/28/15																					
12/29/15																					
12/30/15																					
12/31/15																					
01/01/16																					
01/02/16																					
01/03/16																					
01/04/16																					
01/05/16																					
01/06/16	106	77	1057	44	945	879	6933	2391					727	369	4999	903					
01/07/16																					
01/08/16																					
01/09/16																					
01/10/16																					
01/11/16																					
01/12/16																					
01/13/16																	175	221	2433	532	
01/14/16																					
01/15/16																					
01/16/16																					
01/17/16																					
01/18/16																					
01/19/16																					
01/20/16									415	221	2719	874									

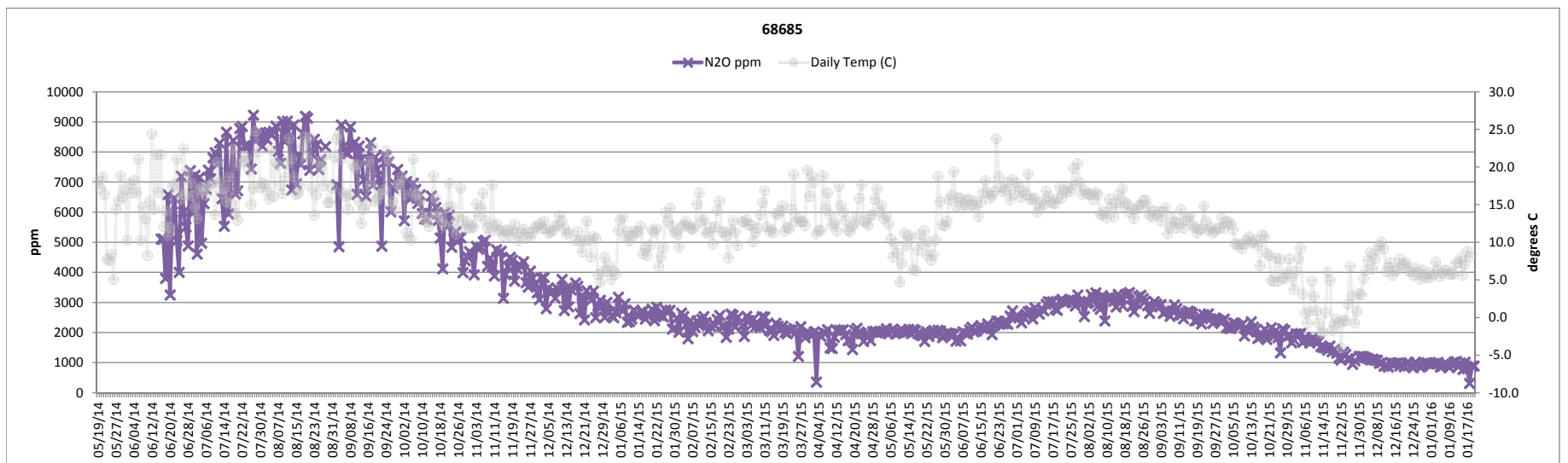
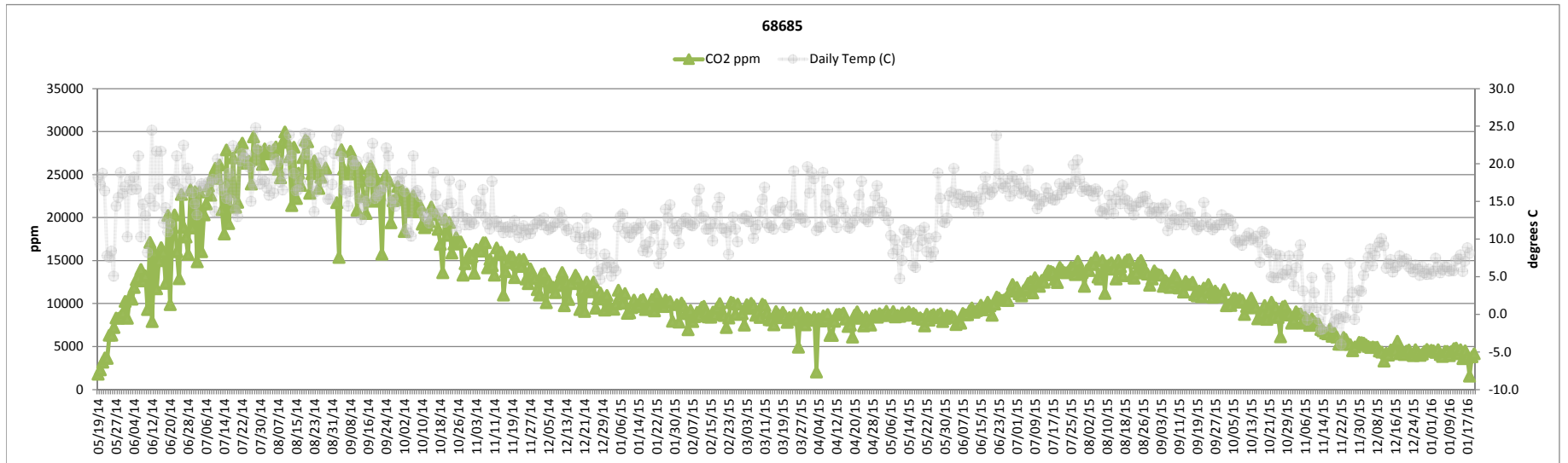
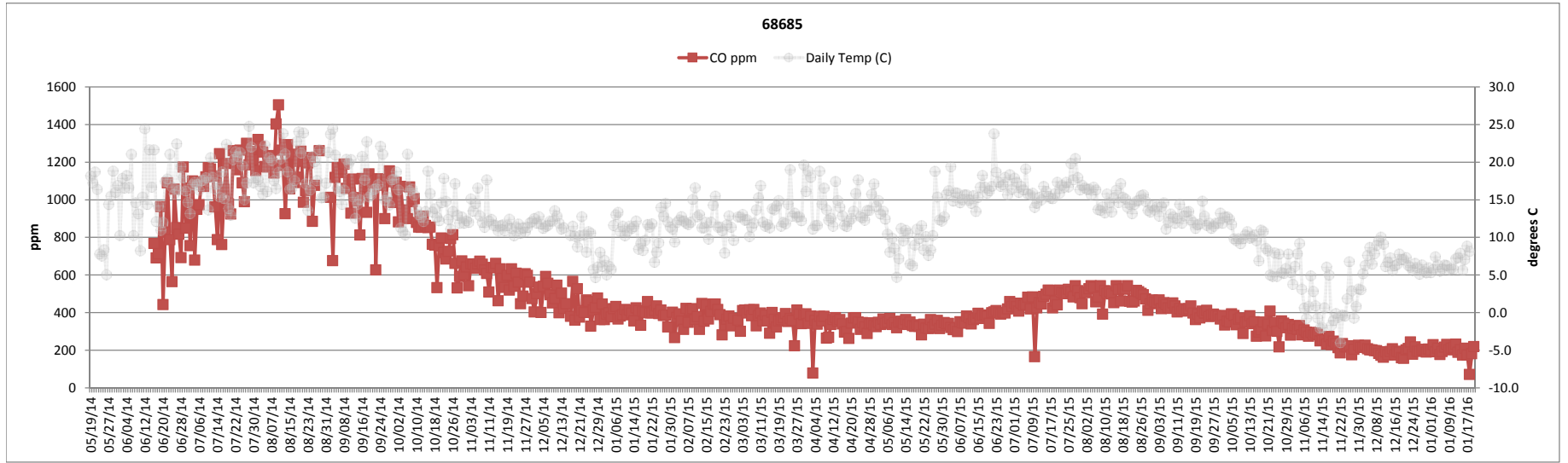
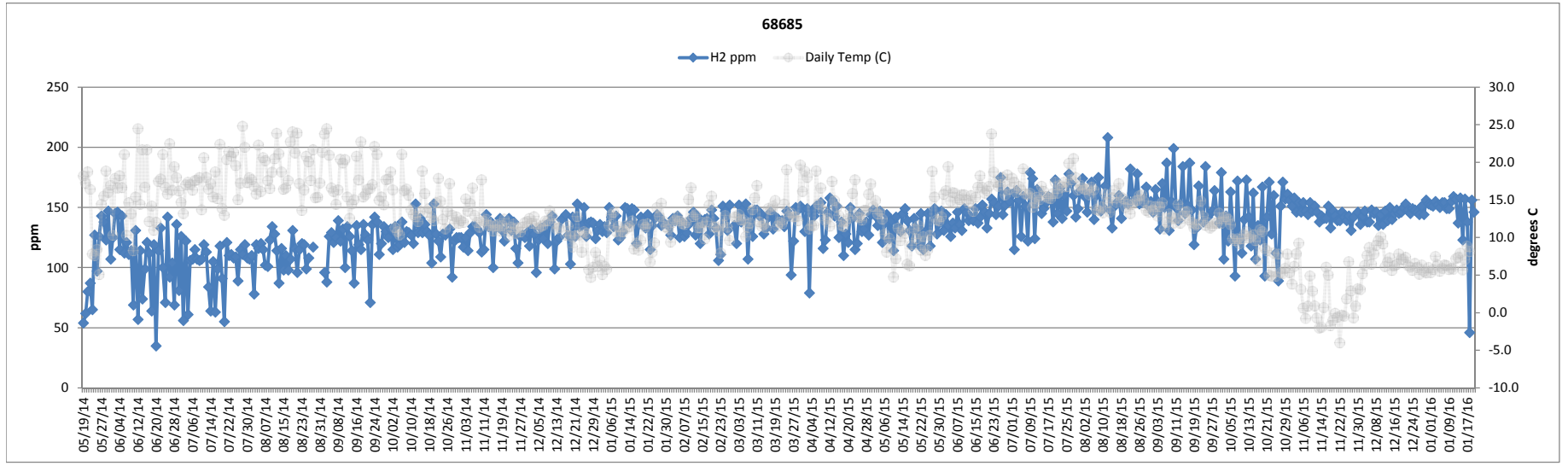
Remediated Nitrate Salt Container Headspace Gas Analysis

Date	SB50443				SB50448				SB50451				SB50529				SB50559				
	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	
12/17/15																					
12/18/15																					
12/19/15																					
12/20/15																					
12/21/15																					
12/22/15					764	489	5747	884	138	143	1865	192	190	224	1557	291					
12/23/15																					
12/24/15																					
12/25/15																					
12/26/15																					
12/27/15																					
12/28/15																					
12/29/15																					
12/30/15																					
12/31/15																					
01/01/16																					
01/02/16																					
01/03/16																					
01/04/16																					
01/05/16																					
01/06/16	733	591	6248	1219																	
01/07/16																					
01/08/16																					
01/09/16																					
01/10/16																					
01/11/16																					
01/12/16																					
01/13/16																	366	121	2020	93	
01/14/16																					
01/15/16																					
01/16/16																					
01/17/16																					
01/18/16																					
01/19/16																					
01/20/16					795	459	4887	755	201	127	1631	176	204	183	1557	266					

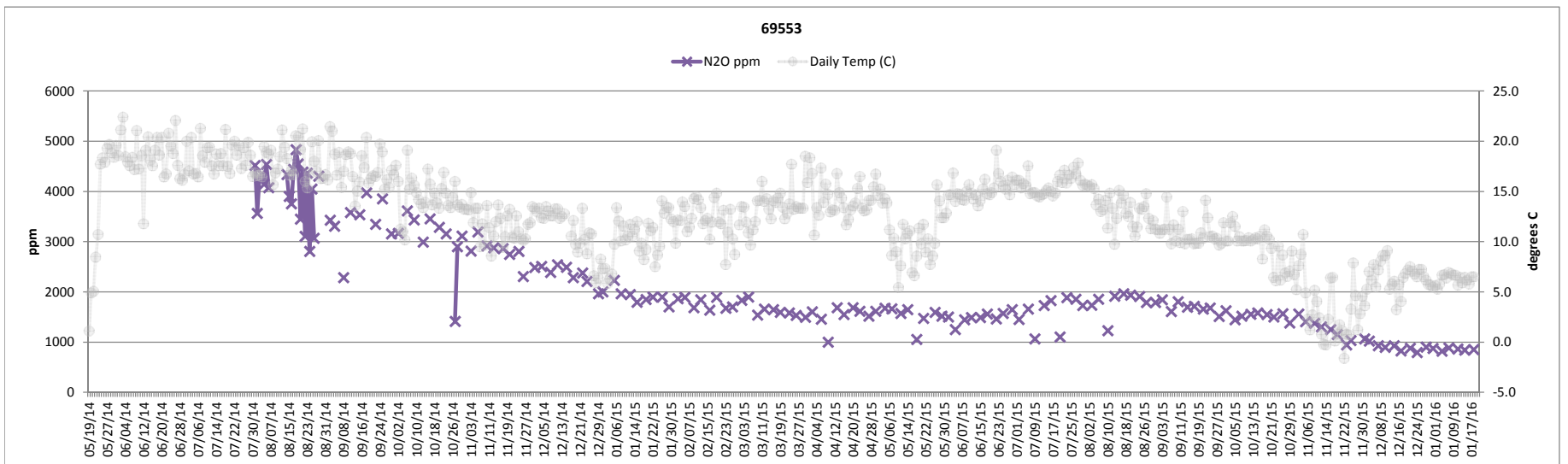
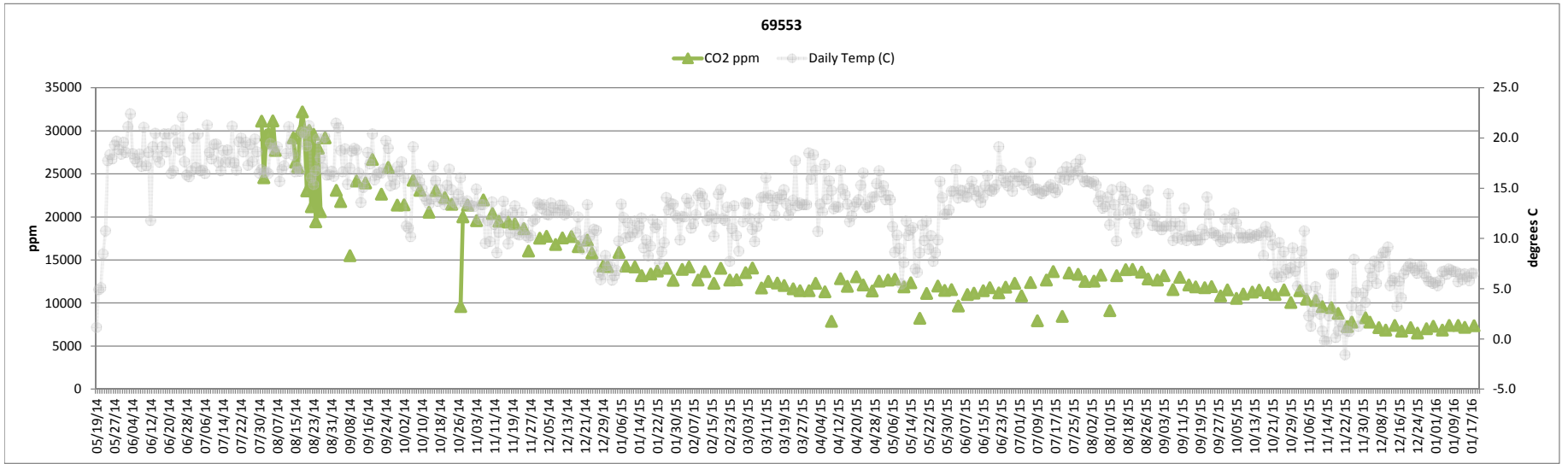
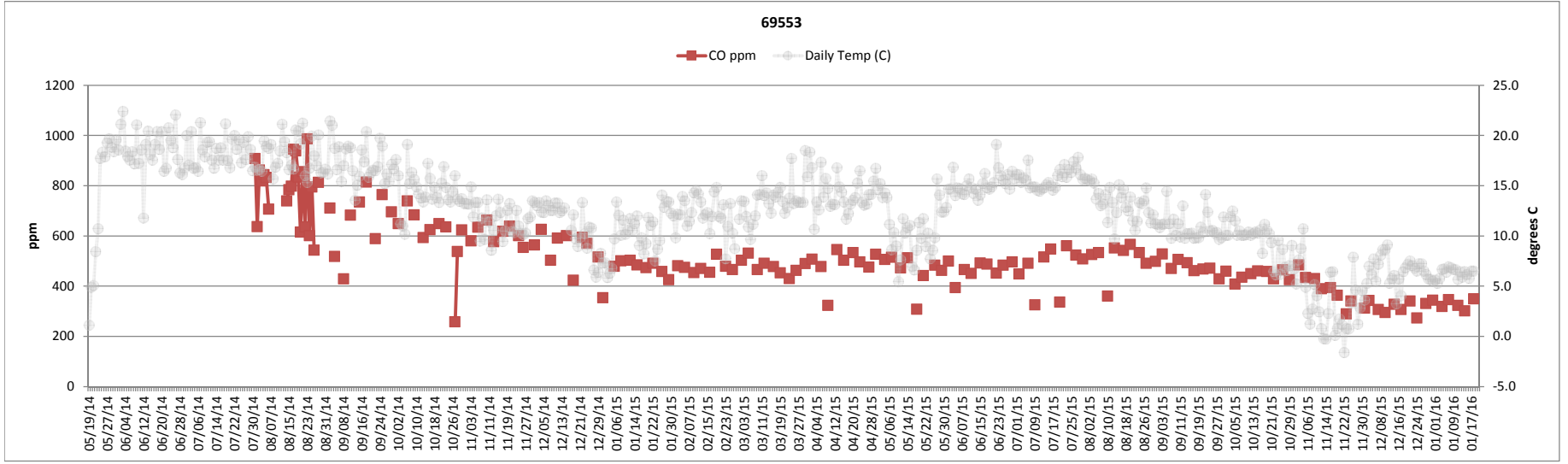
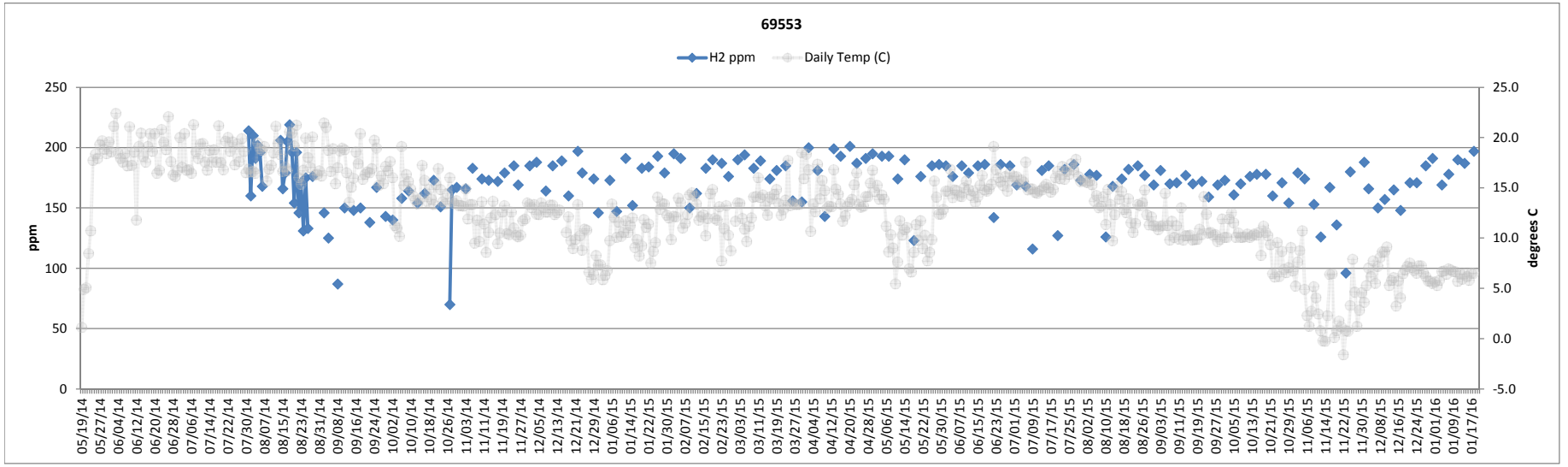
Remediated Nitrate Salt Container Headspace Gas Analysis

Date	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
12/17/15	145	112	2049	352	153	136	3260	541	185	209	4927	728	39	80	1985	223
12/18/15																
12/19/15																
12/20/15																
12/21/15	153	118	2036	371	156	142	3293	565	199	232	4966	736	43	87	2021	227
12/22/15																
12/23/15																
12/24/15	155	92	2110	377	156	117	3460	566	198	205	5110	739	45	69	2136	235
12/25/15																
12/26/15																
12/27/15																
12/28/15	159	100	1937	308	162	145	3245	559	193	242	4822	746	45	70	1943	209
12/29/15																
12/30/15																
12/31/15	159	108	2058	347	155	141	3275	532	190	213	4841	684	42	75	2014	218
01/01/16																
01/02/16																
01/03/16																
01/04/16	157	107	2038	343	155	124	3257	539	179	208	4522	632	41	74	1977	228
01/05/16																
01/06/16																
01/07/16																
01/08/16																
01/09/16																
01/10/16																
01/11/16																
01/12/16																
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01/19/16																
01/20/16																

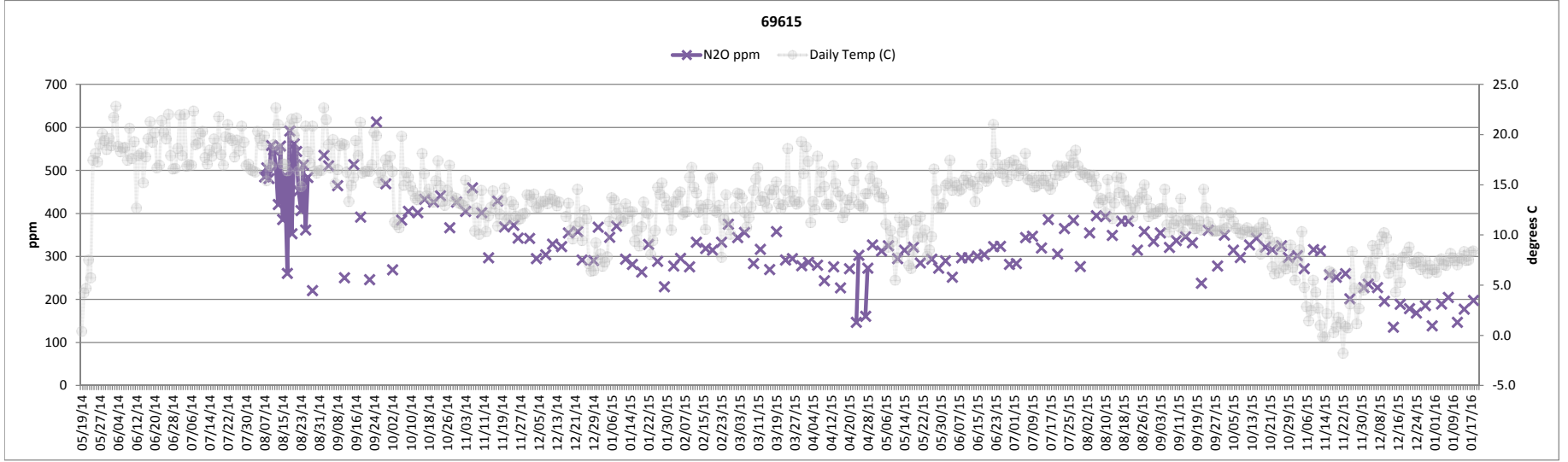
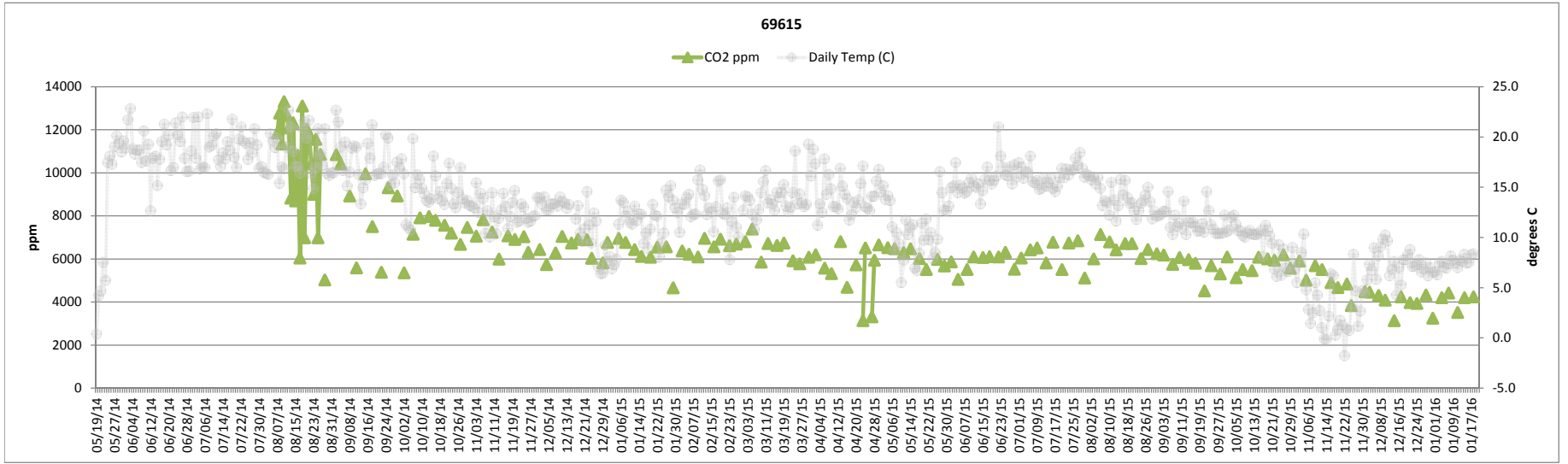
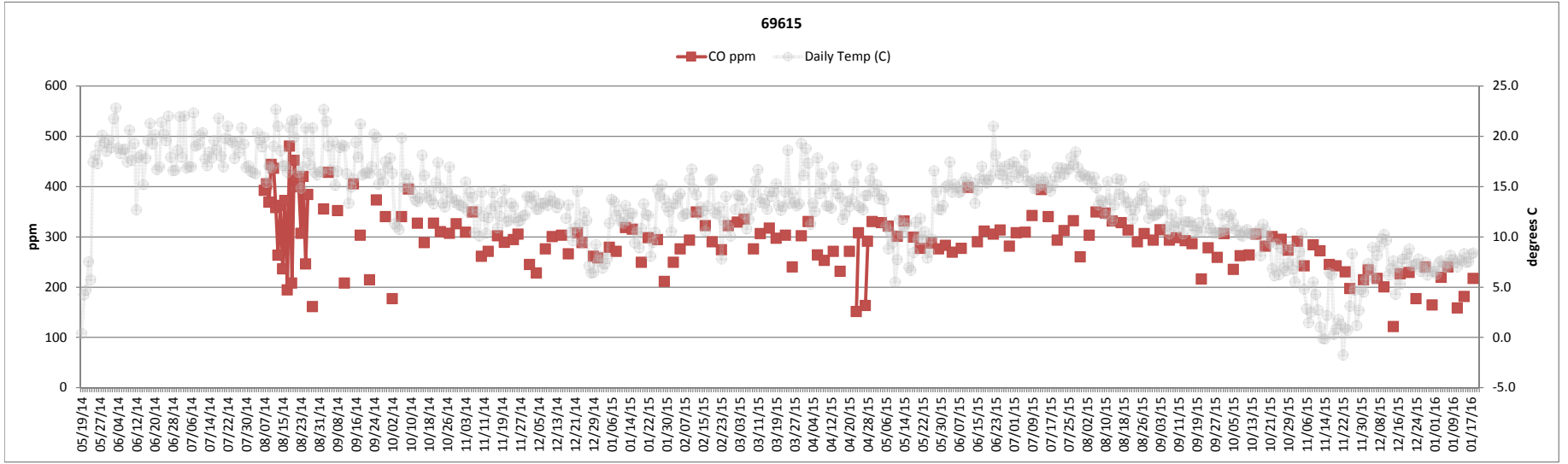
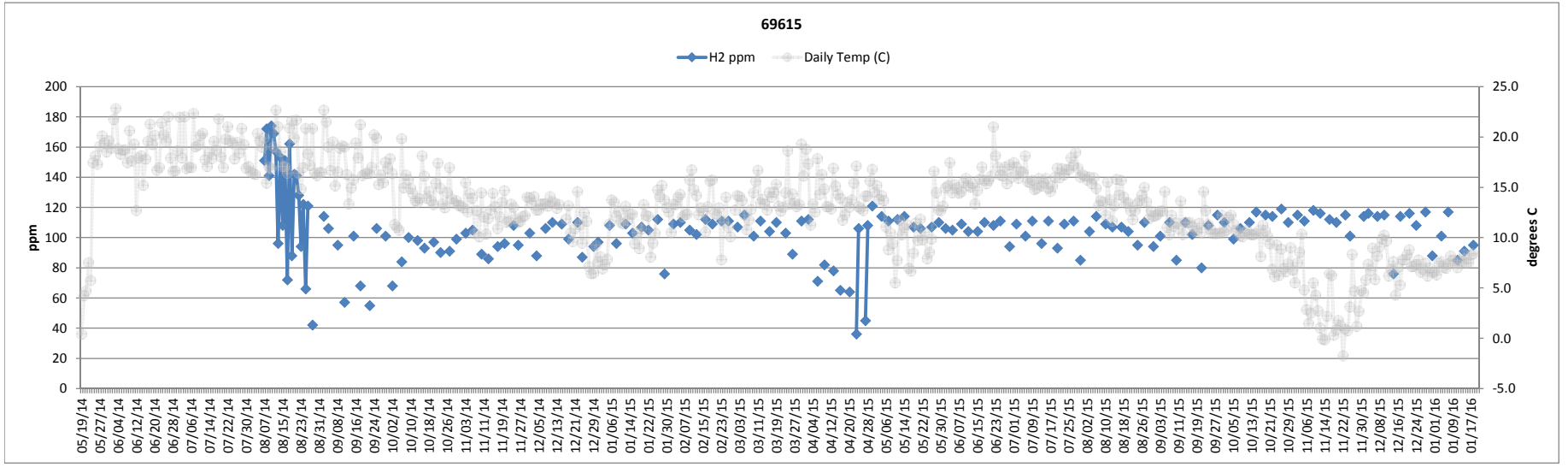
Remediated Nitrate Salt Container Headspace Gas and Temperature



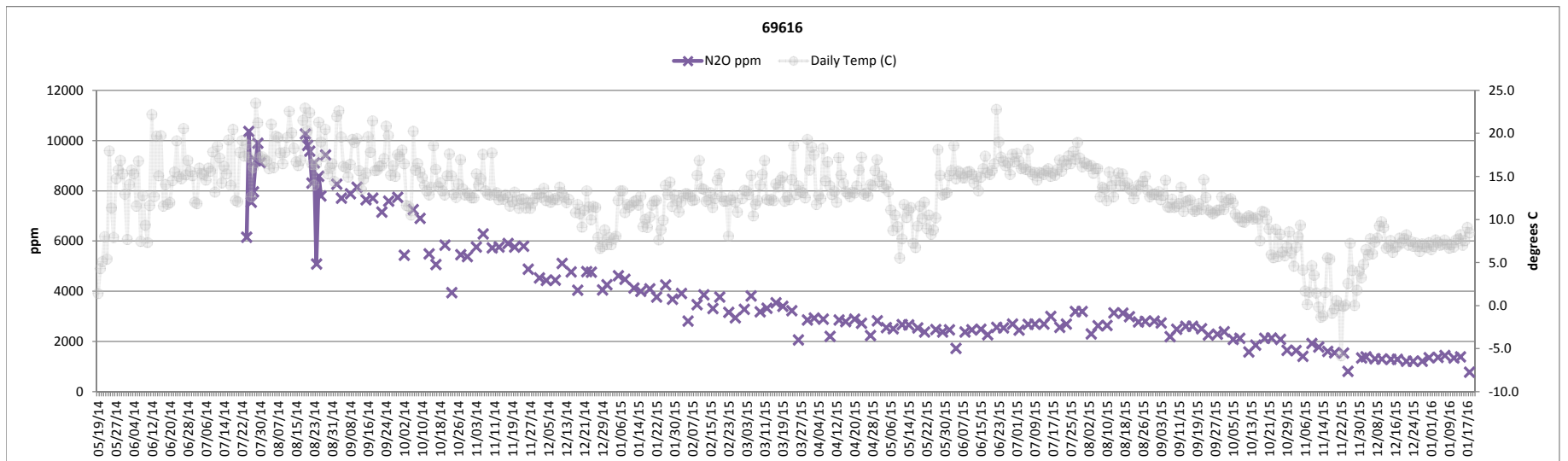
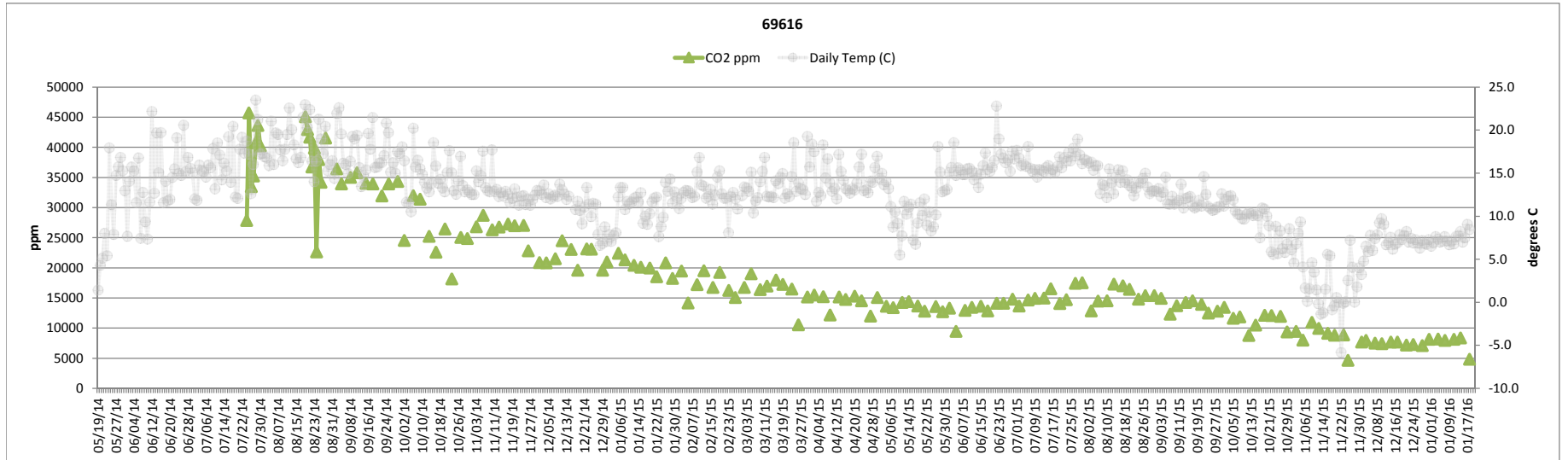
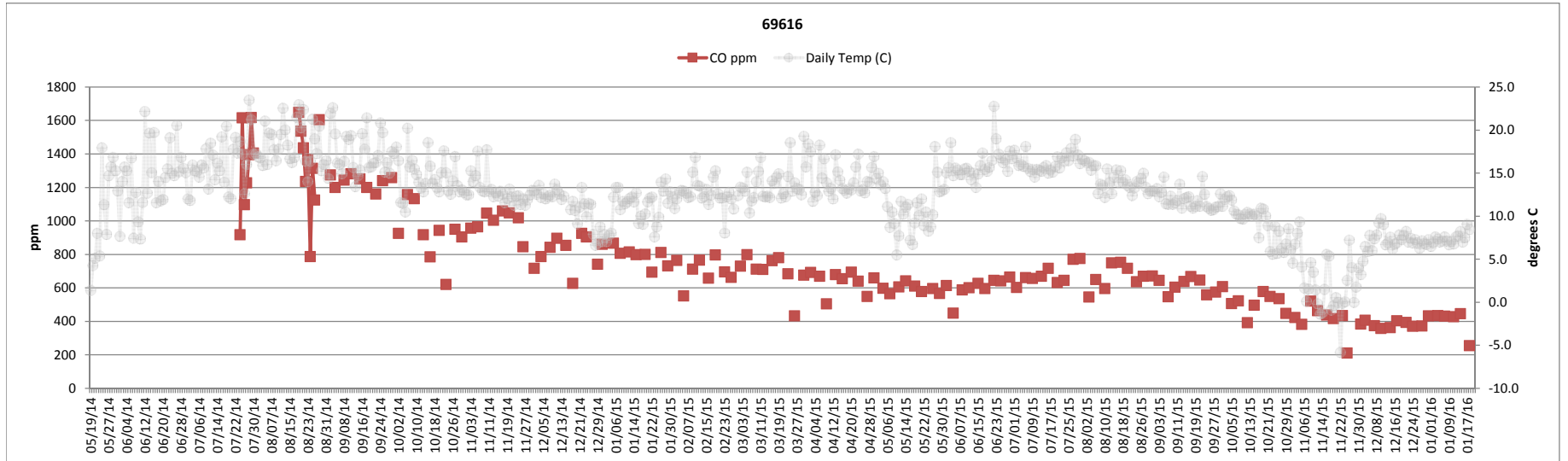
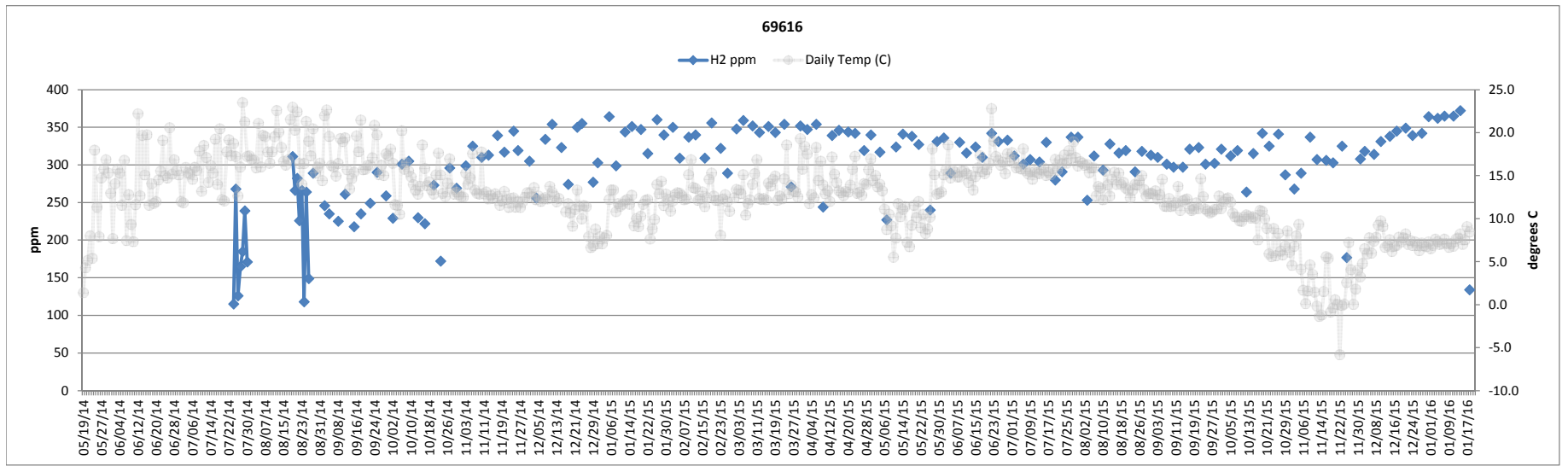
Remediated Nitrate Salt Container Headspace Gas and Temperature



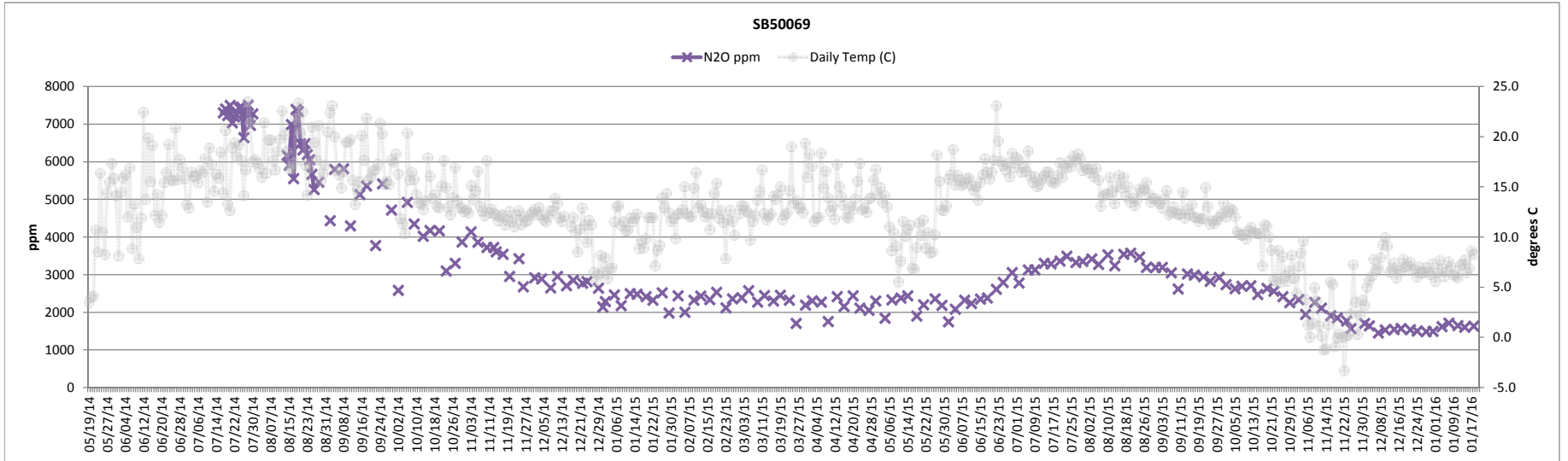
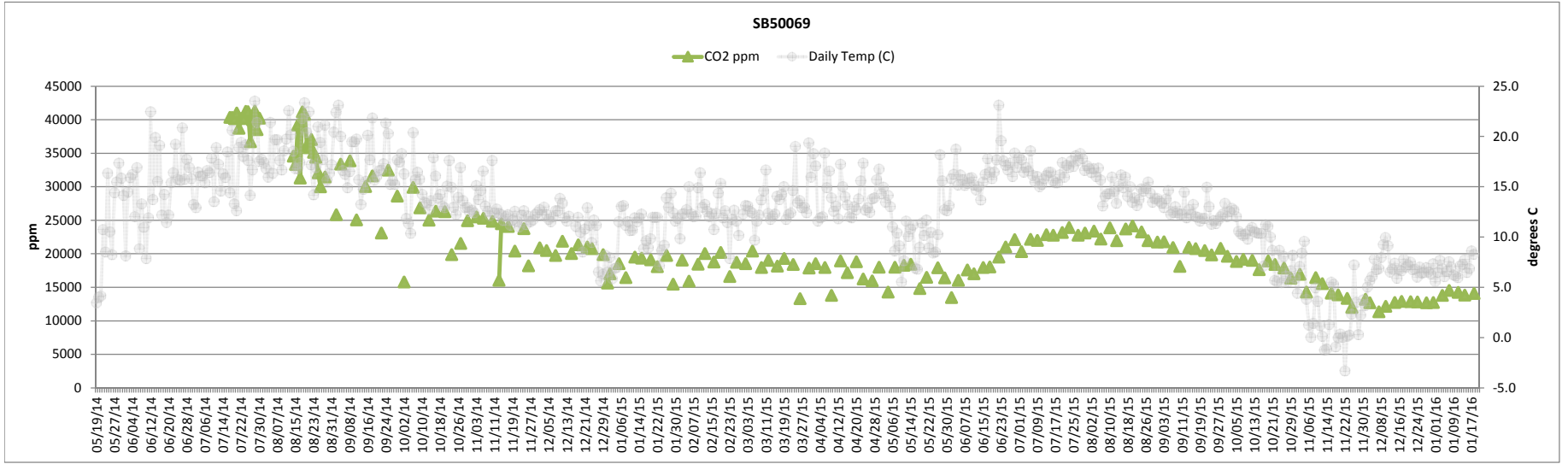
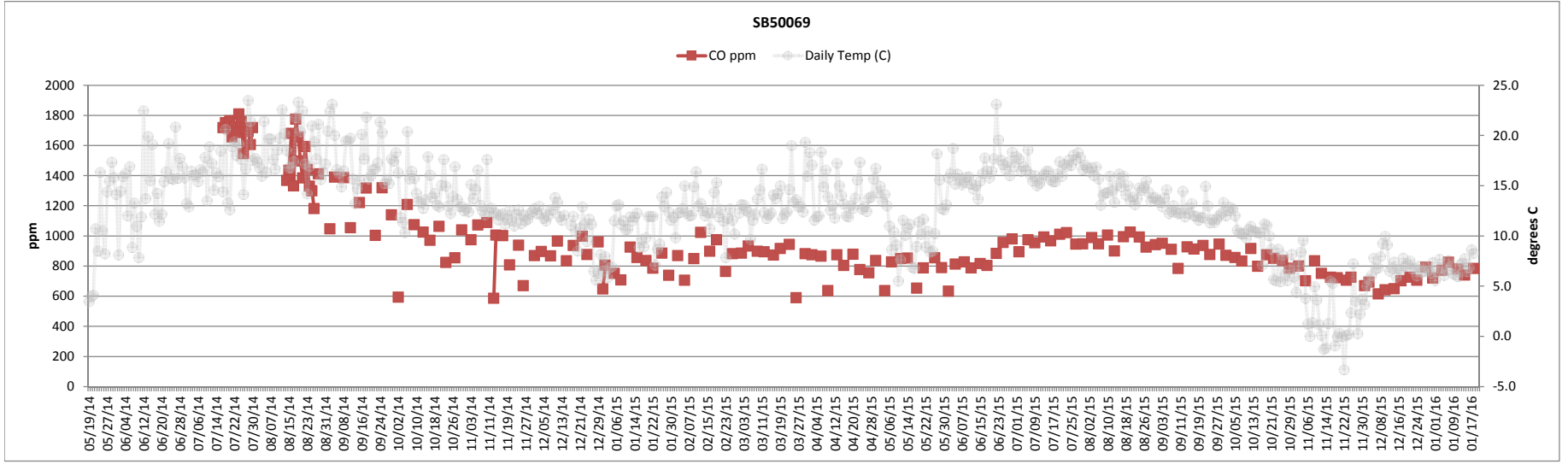
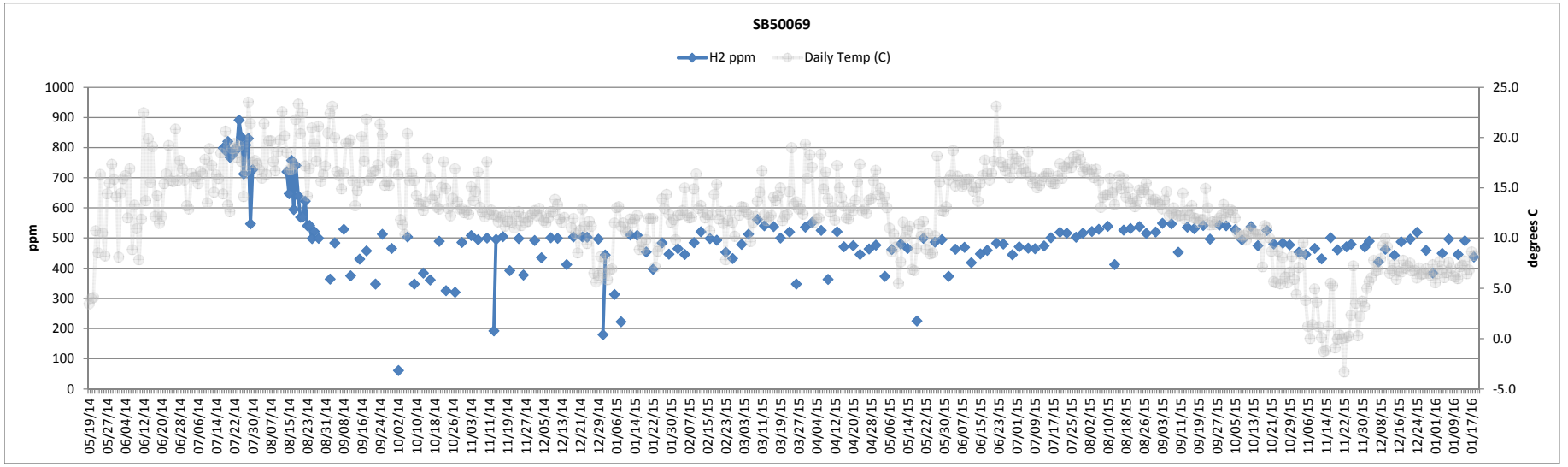
Remediated Nitrate Salt Container Headspace Gas and Temperature



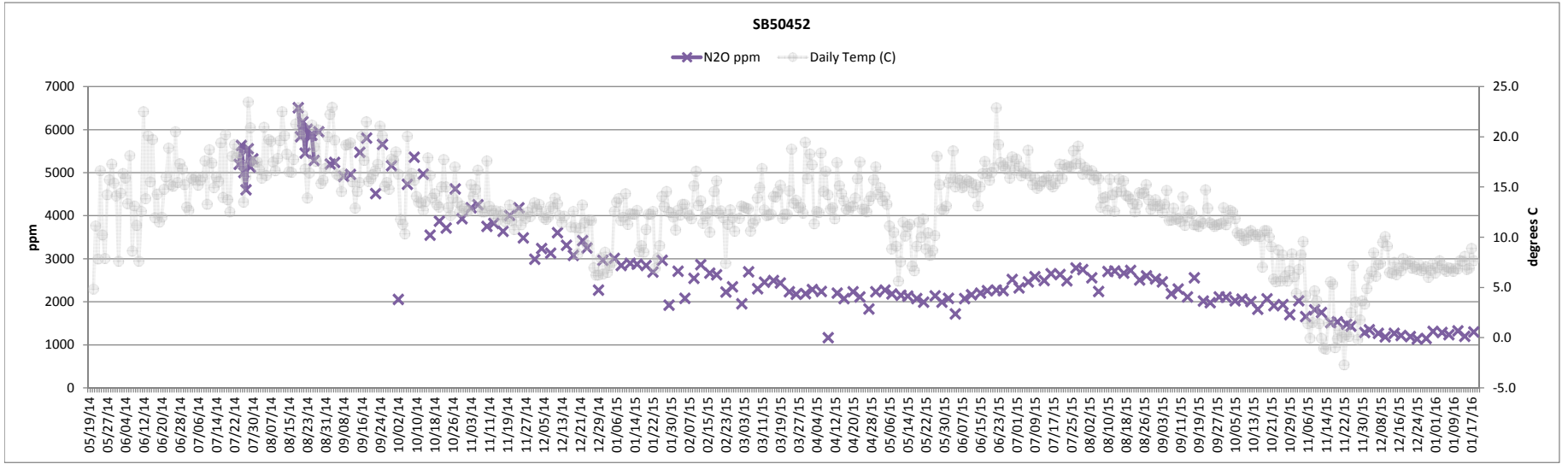
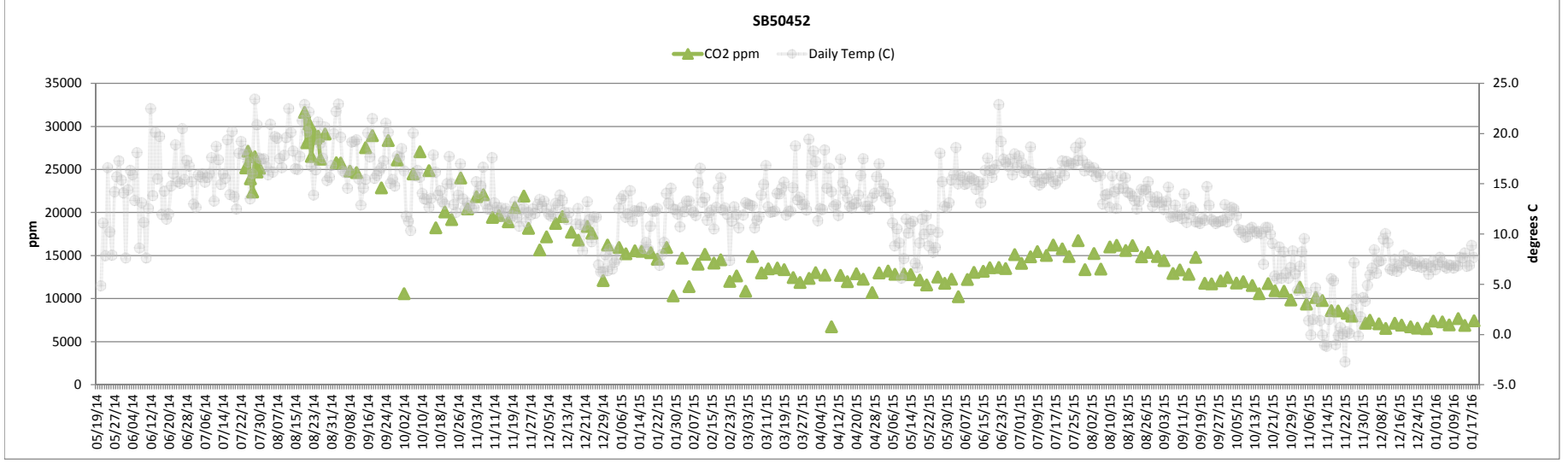
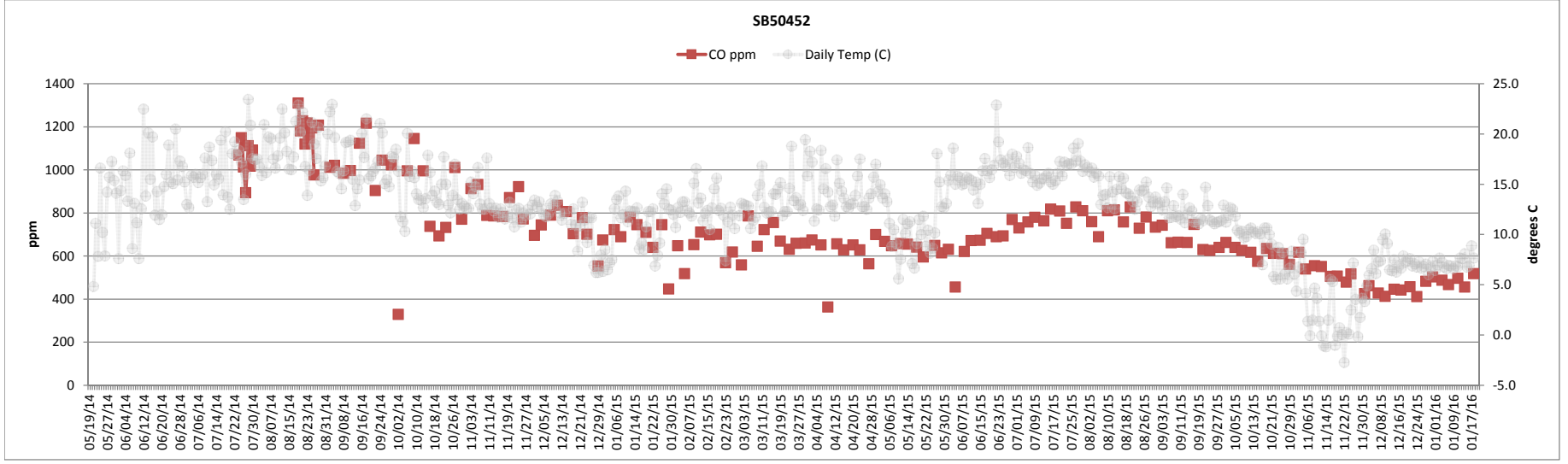
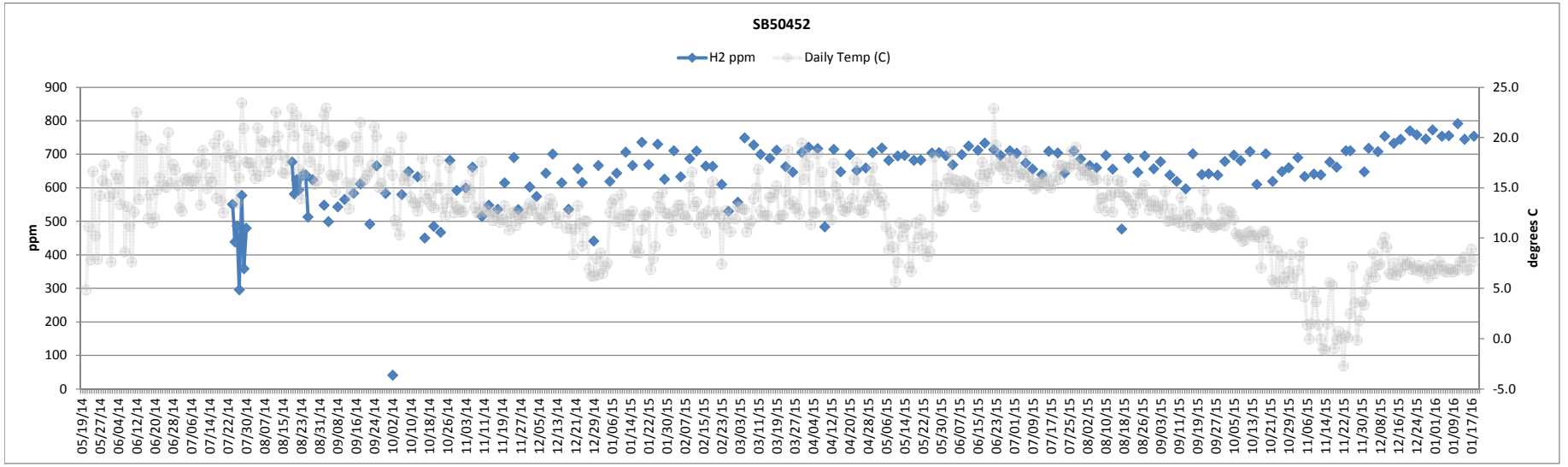
Remediated Nitrate Salt Container Headspace Gas and Temperature



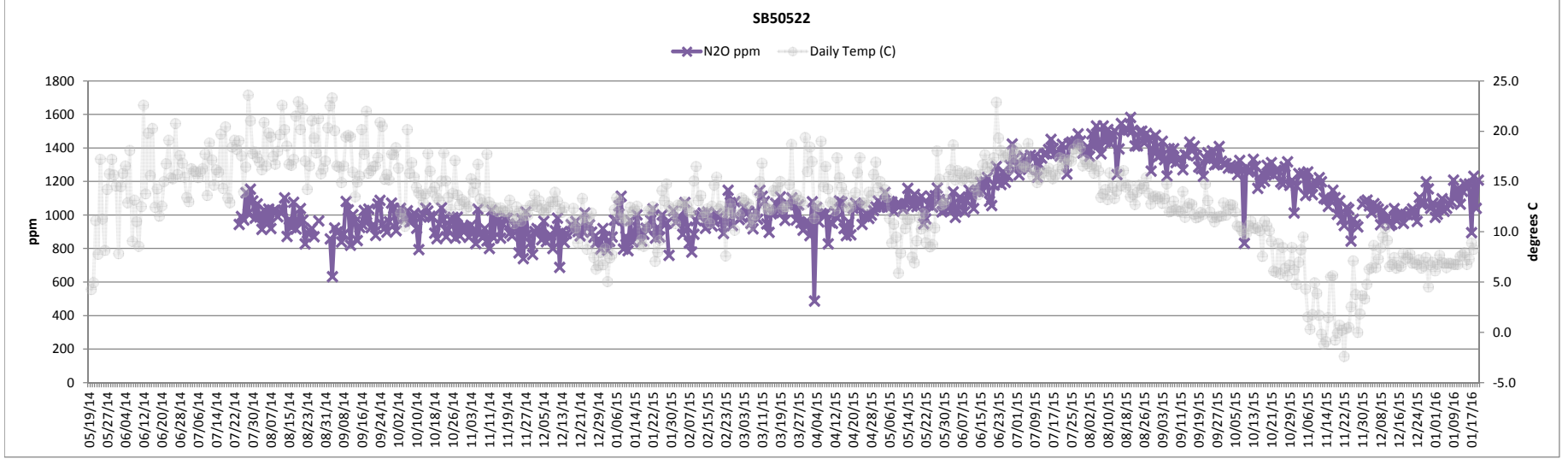
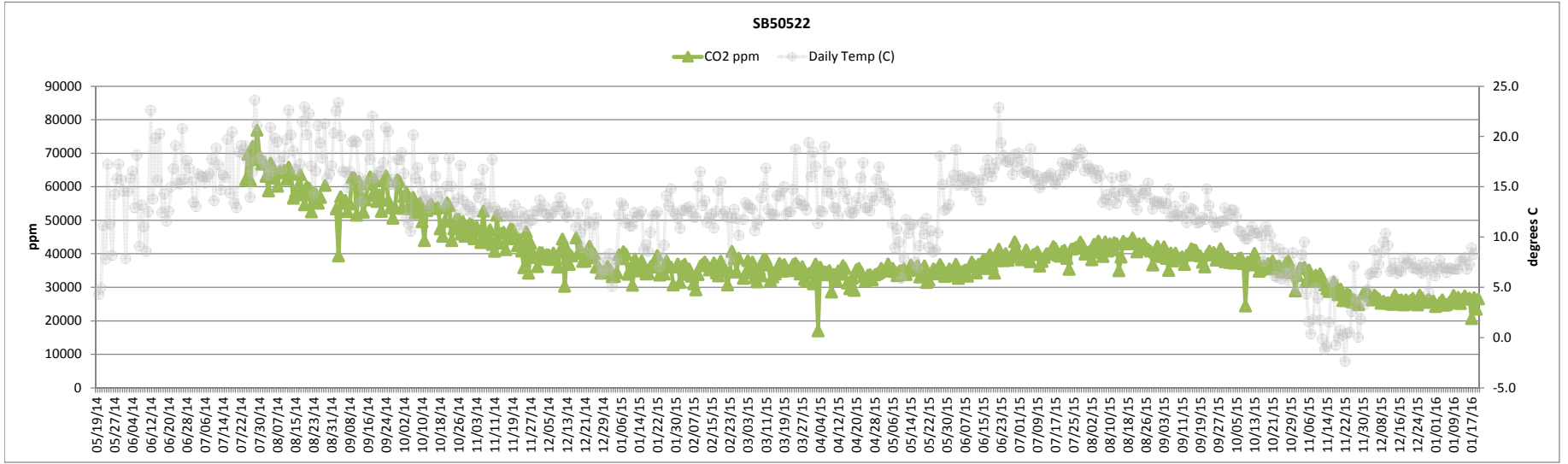
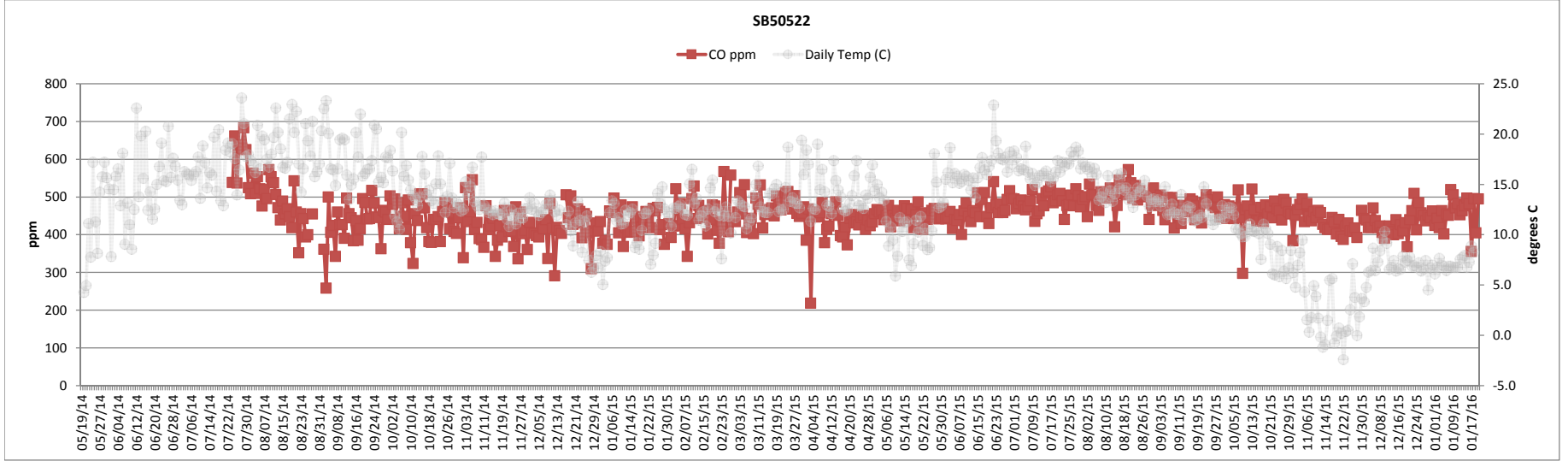
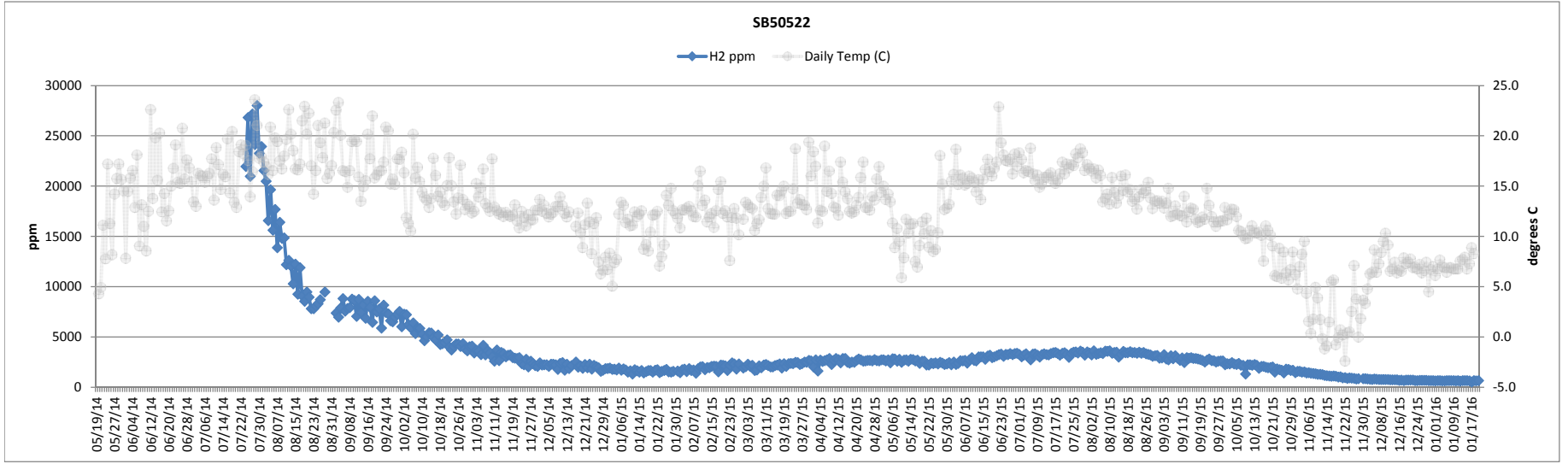
Remediated Nitrate Salt Container Headspace Gas and Temperature



Remediated Nitrate Salt Container Headspace Gas and Temperature



Remediated Nitrate Salt Container Headspace Gas and Temperature



Remediated Nitrate Salt Waste Container Monitoring

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 Revision: 8
 Effective Date: 11-30-2015
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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 12-14-15 to 12-20-15

		Monday 6.[4] Start Time: <u>1326</u>	Tuesday 6.[4] Start Time: <u>1329</u>	Wednesday 6.[4] Start Time: <u>1318</u>	Thursday 6.[4] Start Time: <u>1316</u>	Friday 6.[4] Start Time: <u>1310</u>	Saturday 6.[4] Start Time: <u>1307</u>	Sunday 6.[4] Start Time: <u>1307</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>7-5-16</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>	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>	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>43.4</u> °F	<u>38.9</u> °F	<u>41.3</u> °F	<u>42.5</u> °F	<u>45.2</u> °F	<u>43.1</u> °F	<u>44.0</u> °F
Container ID #		Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
68685		<u>45.1</u>	<u>42.1</u>	<u>43.2</u>	<u>43.5</u>	<u>46.0</u>	<u>44.7</u>	<u>44.7</u>
LA00000070503	68540	<u>45.0</u>	<u>41.3</u>	<u>43.2</u>	<u>43.5</u>	<u>45.6</u>	<u>44.4</u>	<u>45.2</u>
	68553	<u>45.0</u>	<u>42.2</u>	<u>43.1</u>	<u>43.5</u>	<u>45.6</u>	<u>43.2</u>	<u>44.5</u>
69445		<u>45.0</u>	<u>41.6</u>	<u>43.4</u>	<u>43.3</u>	<u>45.2</u>	<u>44.5</u>	<u>45.1</u>
69618		<u>45.3</u>	<u>39.9</u>	<u>44.0</u>	<u>43.4</u>	<u>46.5</u>	<u>43.3</u>	<u>44.8</u>
69013		<u>45.3</u>	<u>42.1</u>	<u>43.3</u>	<u>43.9</u>	<u>45.7</u>	<u>44.1</u>	<u>45.0</u>
LASB50522		<u>45.4</u>	<u>43.5</u>	<u>44.0</u>	<u>43.8</u>	<u>46.2</u>	<u>45.1</u>	<u>45.4</u>
LASB50452		<u>45.5</u>	<u>43.3</u>	<u>44.4</u>	<u>44.0</u>	<u>46.2</u>	<u>45.1</u>	<u>45.5</u>
LASB50431		<u>45.1</u>	<u>42.2</u>	<u>44.7</u>	<u>44.0</u>	<u>46.0</u>	<u>45.2</u>	<u>45.3</u>
LASB50069		<u>45.3</u>	<u>42.6</u>	<u>44.1</u>	<u>43.9</u>	<u>46.0</u>	<u>44.6</u>	<u>45.0</u>
LASB50073		<u>45.6</u>	<u>42.8</u>	<u>44.6</u>	<u>44.1</u>	<u>45.5</u>	<u>44.7</u>	<u>44.8</u>
69636		<u>45.5</u>	<u>43.5</u>	<u>44.8</u>	<u>44.4</u>	<u>46.1</u>	<u>45.6</u>	<u>45.6</u>
69616		<u>45.6</u>	<u>43.1</u>	<u>44.2</u>	<u>44.4</u>	<u>46.1</u>	<u>45.1</u>	<u>46.0</u>
69417		<u>45.7</u>	<u>43.5</u>	<u>44.3</u>	<u>44.8</u>	<u>46.5</u>	<u>45.1</u>	<u>45.6</u>

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6.[4] Date: From 12-14-15 to 12-20-15

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-54-0375 Cell 1 (continued)							
69620	45.8	44.1	44.5	43.0	46.0	44.9	45.5
69520	45.7	41.7	44.2	43.5	46.0	45.1	45.5
69641	45.4	42.7	44.5	44.2	46.2	45.4	45.7
69298	45.3	42.9	44.4	44.0	46.2	45.6	45.5
LASB02203	45.3	43.7	44.3	44.3	46.1	45.2	45.3
End Time (6.[12])	1332	1320	1322	1319	1314	1311	1312
6.[12]	NDO: <u>GM</u> NDO: <u>GM</u>	NDO: <u>GM</u> NDO: <u>GM</u>	NDO: <u>JA</u> NDO: <u>GM</u>	NDO: <u>JA</u> NDO: <u>GM</u>	NDO: <u>JA</u> NDO: <u>GM</u>	NDO: <u>WJC</u> NDO: <u>JA</u>	NDO: <u>WJC</u> NDO: <u>JA</u>

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6.[4] Date: From 12-14-15 to 12-20-15

6.[16] Performed by:

Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	1169840	AG	12-14-15
Gilbert Martinez	<i>Gilbert Martinez</i>	1149235	GM	12-14-15
Gilbert Martinez	<i>Gilbert Martinez</i>	1149235	GM	12-15-15
Leon Montero	<i>Leon Montero</i>	1191526	LM	12-15-15
Tina Aguirre	<i>Tina Aguirre</i>	1149272	TA	12-16-15
Gilbert Martinez	<i>Gilbert Martinez</i>	1149235	GM	12-16-15
Tina Aguirre	<i>Tina Aguirre</i>	1149272	TA	12-17-15

Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
Gilbert Martinez	<i>Gilbert Martinez</i>	1149235	GM	12-17-15
Tina Aguirre	<i>Tina Aguirre</i>	1149272	TA	12-18-15
Gilbert Martinez	<i>Gilbert Martinez</i>	1149235	GM	12-18-15
Willie J. Colborn	<i>Willie J. Colborn</i>	1112907	WC	12-19-15
Tina Aguirre	<i>Tina Aguirre</i>	1149272	TA	12-19-15
Tina Aguirre	<i>Tina Aguirre</i>	1149272	TA	12-20-15
Willie J. Colborn	<i>Willie J. Colborn</i>	1112907	WC	12-20-15

10.1[2] Reviewed by:

SOM or designee (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 12-14-15 to 12-20-15

	Monday 6.[4] Start Time: <u>1333</u>	Tuesday 6.[4] Start Time: <u>1331</u>	Wednesday 6.[4] Start Time: <u>1323</u>	Thursday 6.[4] Start Time: <u>1320</u>	Friday 6.[4] Start Time: <u>1315</u>	Saturday 6.[4] Start Time: <u>1312</u>	Sunday 6.[4] Start Time: <u>1313</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>43.8</u> °F	<u>38.7</u> °F <u>37.1</u> °F <u>37.1</u> °F <u>37.1</u> °F	<u>43.1</u> °F	<u>41.7</u> °F	<u>44.3</u> °F	<u>44.5</u> °F	<u>44.4</u> °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
LASB02198	<u>44.7</u>	<u>36.8</u>	<u>40.7</u>	<u>39.2</u>	<u>42.7</u>	<u>43.2</u>	<u>44.6</u>
68638	<u>44.8</u>	<u>39.5</u>	<u>43.2</u>	<u>41.8</u>	<u>44.2</u>	<u>45.8</u>	<u>45.5</u>
69615	<u>45.7</u>	<u>39.7</u>	<u>44.6</u>	<u>41.5</u>	<u>46.0</u>	<u>46.0</u>	<u>46.9</u>
69635	<u>45.7</u>	<u>40.4</u>	<u>45.1</u>	<u>42.2</u>	<u>46.2</u>	<u>46.2</u>	<u>46.4</u>
69642	<u>47.4</u>	<u>40.4</u>	<u>48.0</u>	<u>45.4</u>	<u>48.2</u>	<u>48.2</u>	<u>47.3</u>
69630	<u>46.2</u>	<u>39.9</u>	<u>44.6</u>	<u>42.4</u>	<u>46.4</u>	<u>46.7</u>	<u>46.7</u>
69633	<u>44.8</u>	<u>39.5</u>	<u>43.2</u>	<u>41.5</u>	<u>45.0</u>	<u>44.7</u>	<u>48.9</u>
68430	<u>44.1</u>	<u>38.6</u>	<u>46.0</u>	<u>40.8</u>	<u>43.6</u>	<u>43.6</u>	<u>44.8</u>
68631	<u>44.1</u>	<u>39.7</u>	<u>41.9</u>	<u>40.1</u>	<u>43.2</u>	<u>44.5</u>	<u>45.0</u>
69634	<u>43.8</u>	<u>36.9</u>	<u>42.4</u>	<u>39.3</u>	<u>43.2</u>	<u>43.4</u>	<u>44.5</u>
68567	<u>43.7</u>	<u>37.4</u>	<u>41.7</u>	<u>39.4</u>	<u>43.1</u>	<u>43.8</u>	<u>45.8</u>
94227	<u>43.1</u>	<u>37.9</u>	<u>41.3</u>	<u>39.6</u>	<u>43.6</u>	<u>43.5</u>	<u>44.4</u>
LASB50442	<u>43.7</u>	<u>38.0</u>	<u>43.2</u>	<u>40.4</u>	<u>43.5</u>	<u>43.8</u>	<u>44.9</u>
69644	<u>44.0</u>	<u>39.1</u>	<u>41.0</u>	<u>39.3</u>	<u>43.4</u>	<u>43.5</u>	<u>44.7</u>
LASB50443	<u>44.5</u>	<u>37.9</u>	<u>43.5</u>	<u>41.5</u>	<u>45.1</u>	<u>45.7</u>	<u>45.6</u>
69638	<u>43.8</u>	<u>37.9</u>	<u>43.7</u>	<u>41.4</u>	<u>45.4</u>	<u>45.2</u>	<u>46.7</u>

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6.[4] Date: From 12-14-15 to 12-20-15

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-54-0375 Cell 2 (continued)							
68624	44.5	37.5	41.5	40.7	44.4	44.1	45.2
68507	44.7	37.1	42.3	40.7	43.2	42.7	44.7
69568	43.7	37.5	42.1	39.9	43.2	43.5	44.7
69553	42.9	37.8	42.3	39.3	43.6	44.3	44.9
69598	44.0	37.4	41.4	39.5	43.2	43.7 44.4	45.2
LASB50559	44.2	37.6	42.4	39.5	43.7	43.7	44.3
69015	44.8	37.9	42.7	40.6	44.1	44.8	45.5
69639	44.8	37.9	43.3	40.7	45.2	45.3	45.5
69637	45.0	38.3	42.1	41.1	45.7	46.3	46.2
End Time (6.[12])	1339	1335	1327	1324	1319	1320	1319
6.[12]	NDO: GA NDO: GM	NDO: GM NDO: LM	NDO: GA NDO: GM	NDO: GA NDO: GM	NDO: GA NDO: GM	NDO: GA NDO: GA	NDO: GA NDO: GA

Comments:

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6.[4] Date: From 12-14-15 to 12-20-15

6.[16] Performed by:

Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	1169840	AG	12-14-15
Gilbert Martinez	<i>Gilbert Martinez</i>	1149235	GM	12-14-15
Gilbert Martinez	<i>Gilbert Martinez</i>	1149235	GM	12-15-15
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	12-15-15
Lina Aguirre	<i>Lina Aguirre</i>	1149770	LA	12-16-15
Gilbert Martinez	<i>Gilbert Martinez</i>	1149235	GM	12-16-15
Lina Aguirre	<i>Lina Aguirre</i>	1149770	LA	12-17-15

Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
Gilbert Martinez	<i>Gilbert Martinez</i>	1149235	GM	12-19-15
Lina Aguirre	<i>Lina Aguirre</i>	1149770	LA	12-18-15
Gilbert Martinez	<i>Gilbert Martinez</i>	1149235	GM	12-18-15
Willie J. Cobarrubias	<i>Willie J. Cobarrubias</i>	1112907	WC	12-18-15
Lina Aguirre	<i>Lina Aguirre</i>	1149770	LA	12-19-15
Lina Aguirre	<i>Lina Aguirre</i>	1149770	LA	12-20-15
Willie J. Cobarrubias	<i>Willie J. Cobarrubias</i>	1112907	WC	12-20-15

10.1[2] Reviewed by:

SOM or designee (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 12-14-2015 to 12-20-15

Monday 6.[4] Start Time: <u>1320</u>	Tuesday 6.[4] Start Time: <u>1326</u>	Wednesday 6.[4] Start Time: <u>1315</u>	Thursday 6.[4] Start Time: <u>1313</u>	Friday 6.[4] Start Time: <u>1307</u>	Saturday 6.[4] Start Time: <u>35. 1300</u>	Sunday 6.[4] Start Time: <u>1302</u>
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TA-54-0375 Cell 3

Calibrated infrared thermometer (4.2.[1])[B])	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-7-16</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>	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>38.3</u> °F	<u>29.8</u> °F	<u>32.4</u> °F	<u>32.9</u> °F	<u>36.4</u> °F	<u>35.2</u> °F	<u>38.4</u> °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
69519	<u>37.6</u>	<u>30.3</u>	<u>32.5</u>	<u>33.8</u>	<u>36.8</u>	<u>35.5</u>	<u>38.9</u>
69645	<u>37.6</u>	<u>30.5</u>	<u>32.5</u>	<u>32.5</u>	<u>37.0</u>	<u>35.8</u>	<u>39.3</u>
94068	<u>37.6</u>	<u>30.5</u>	<u>32.5</u>	<u>32.5</u>	<u>37.0</u>	<u>35.2</u>	<u>39.0</u>
93605	<u>38.0</u>	<u>30.5</u>	<u>31.9</u>	<u>33.4</u>	<u>37.0</u>	<u>35.4</u>	<u>39.1</u>
69548	<u>37.9</u>	<u>30.4</u>	<u>32.5</u>	<u>32.5</u>	<u>36.5</u>	<u>34.9</u>	<u>39.4</u>
69604	<u>37.9</u>	<u>30.5</u>	<u>32.2</u>	<u>32.7</u>	<u>36.9</u>	<u>35.3</u>	<u>39.0</u>
LASB50529	<u>37.8</u>	<u>30.6</u>	<u>32.2</u>	<u>32.5</u>	<u>36.4</u>	<u>35.0</u>	<u>39.8</u>
LASB50418	<u>37.9</u> <u>37.7</u>	<u>30.4</u>	<u>31.8</u>	<u>32.4</u>	<u>36.4</u>	<u>35.2</u>	<u>39.1</u>
69036	<u>37.9</u>	<u>29.9</u>	<u>31.9</u>	<u>32.5</u>	<u>36.9</u>	<u>35.4</u>	<u>39.0</u>
LASB50451	<u>37.9</u>	<u>30.2</u>	<u>32.8</u>	<u>32.5</u>	<u>37.0</u>	<u>36.6</u>	<u>39.4</u>
69559	<u>38.1</u>	<u>30.6</u>	<u>32.5</u>	<u>32.8</u>	<u>37.3</u>	<u>35.2</u>	<u>39.4</u>
LASB50448	<u>38.1</u>	<u>30.9</u>	<u>32.5</u>	<u>33.0</u>	<u>36.2</u>	<u>35.6</u>	<u>39.1</u>
87827	<u>37.6</u>	<u>30.4</u>	<u>32.2</u>	<u>31.9</u>	<u>36.4</u>	<u>35.9</u>	<u>39.8</u>

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6.[4] Date: From 12-14-15 to 12-20-15

Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-54-0375 Cell 3 (continued)							
87826	37.6	30.3	32.2	32.3	36.5	36.9	39.7 <small>with 12/14/15</small> 39.4
87823	37.6	29.8	32.2	32.4	36.2	36.2	39.4
87825	37.9	29.4	32.0	32.4	36.1	36.4	39.4
End Time (6.[12])	1325	1328	1317	1315	1309	1306	1306
6.[12]	NDO: <u>AM</u> NDO: <u>BM</u>	NDO: <u>GM</u> NDO: <u>LM</u>	NDO: <u>QA</u> NDO: <u>GM</u>	NDO: <u>QA</u> NDO: <u>GM</u>	NDO: <u>QA</u> NDO: <u>GM</u>	NDO: <u>QA</u> NDO: <u>GM</u>	NDO: <u>QA</u> NDO: <u>GM</u>

Comments:

Remediated Nitrate Salt Waste Container Monitoring

Document No.: EWMO-AREAG-FO-I-1246
 Revision: 8
 Effective Date: 11-30-2015
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ATTACHMENT 4

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6.[4] Date: From 12-14-15 to 12-20-15

6.[16] Performed by:

Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	165840	JA	12-14-15
Gilbert Martinez	<i>Gilbert Martinez</i>	114925	GM	12-14-15
Gilbert Martinez	<i>Gilbert Martinez</i>	114925	GM	12-15-15
Juan Garcia	<i>Juan Garcia</i>	119541	JA	12-15-15
Tina Aguirre	<i>Tina Aguirre</i>	124970	TA	12-16-15
Gilbert Martinez	<i>Gilbert Martinez</i>	114925	GM	12-16-15
Tina Aguirre	<i>Tina Aguirre</i>	124970	TA	12-17-15

Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
Gilbert Martinez	<i>Gilbert Martinez</i>	114925	GM	12-17-15
Tina Aguirre	<i>Tina Aguirre</i>	124970	TA	12-18-15
Gilbert Martinez	<i>Gilbert Martinez</i>	114925	GM	12-18-15
Willie J. Roberts	<i>Willie J. Roberts</i>	1112507	WR	12-19-15
Tina Aguirre	<i>Tina Aguirre</i>	124970	TA	12-19-15
Tina Aguirre	<i>Tina Aguirre</i>	124970	TA	12-20-15
Willie J. Roberts	<i>Willie J. Roberts</i>	1112507	WR	12-20-15

10.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

UET

ATTACHMENT 2

Page 1 of 3

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

6.[4] Date: From 12-21-27 to 12-27-15

		Monday 6.[4] Start Time: <u>1306</u>	Tuesday 6.[4] Start Time: <u>0938</u>	Wednesday 6.[4] Start Time: <u>1251</u>	Thursday 6.[4] Start Time: <u>1250</u>	Friday 6.[4] Start Time: <u>1241</u>	Saturday 6.[4] Start Time: <u>1231</u>	Sunday 6.[4] Start Time: <u>1223</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>07-05-2016</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>	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>	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>43.6</u> °F	<u>40.5</u> °F	<u>41.7</u> °F	<u>40.9</u> °F	<u>43.7</u> °F	<u>44.6</u> °F	<u>40.3</u> °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
68685	<u>45.2</u>	<u>42.8</u>	<u>42.9</u>	<u>42.1</u>	<u>42.8</u>	<u>42.8</u>	<u>41.2</u>	
LA00000070503	68540	<u>45.6</u>	<u>42.5</u>	<u>43.5</u>	<u>42.6</u>	<u>44.3</u>	<u>42.5</u>	<u>42.1</u>
	68553	<u>44.5</u>	<u>41.7</u>	<u>43.2</u>	<u>41.8</u>	<u>44.3</u>	<u>41.7</u>	<u>41.1</u>
69445	<u>45.4</u>	<u>42.7</u>	<u>43.8</u>	<u>42.7</u>	<u>44.6</u>	<u>42.5</u>	<u>41.0</u>	
69618	<u>45.8</u>	<u>41.2</u>	<u>43.9</u>	<u>42.2</u>	<u>44.5</u>	<u>41.7</u>	<u>41.5</u>	
69013	<u>45.6</u>	<u>42.9</u>	<u>44.8</u>	<u>43.3</u>	<u>45.1</u>	<u>43.4</u>	<u>42.2</u>	
LASB50522	<u>46.0</u>	<u>43.2</u>	<u>44.5</u>	<u>44.2</u>	<u>45.0</u>	<u>43.5</u>	<u>43.9</u>	
LASB50452	<u>45.7</u>	<u>44.3</u>	<u>44.7</u>	<u>44.2</u>	<u>45.1</u>	<u>44.0</u>	<u>44.3</u>	
LASB50431	<u>45.4</u>	<u>44.1</u>	<u>44.4</u>	<u>44.1</u>	<u>44.8</u>	<u>44.1</u>	<u>43.2</u>	
LASB50069	<u>45.5</u>	<u>43.8</u>	<u>44.2</u>	<u>42.8</u>	<u>44.6</u>	<u>43.5</u>	<u>43.6</u>	
LASB50073	<u>45.1</u>	<u>44.1</u>	<u>44.2</u>	<u>43.7</u>	<u>44.7</u>	<u>43.3</u>	<u>44.4</u>	
69636	<u>47.7</u>	<u>44.4</u>	<u>44.7</u>	<u>43.7</u>	<u>45.2</u>	<u>44.3</u>	<u>44.6</u>	
69616	<u>46.8</u>	<u>44.3</u>	<u>45.4</u>	<u>44.4</u>	<u>45.1</u>	<u>44.4</u>	<u>43.3</u>	
69417	<u>46.1</u>	<u>44.4</u>	<u>45.0</u>	<u>44.1</u>	<u>45.1</u>	<u>44.4</u>	<u>44.0</u>	

GM 12-22-15

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Z# 124927

INITIAL DA DATE 12-21-15

UET

ATTACHMENT 2
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6.[4] Date: From 12-21-15 to 12-27-15

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-54-0375 Cell 1 (continued) <u>GM 12-22-15</u>							
69620	46.1	43.9	44.2	43.9	45.1	43.5	44.0
69520	46.1	43.9	44.9	44.4	45.3	44.1	44.5
69641	46.0	44.4	45.0	44.5	45.5	44.4	44.7
69298	46.4	44.4	44.8	44.6	45.7	44.8	44.0
LASB02203	45.8	44.3	44.5	44.0	45.3	44.5	44.1
End Time (6.[12])	<u>1312</u>	<u>0937</u>	<u>1255</u>	<u>1256</u>	<u>1245</u>	<u>1235</u>	<u>1229</u>
6.[12]	NDO: <u>EP</u> NDO: <u>DA</u>	NDO: <u>EP</u> NDO: <u>GM</u>	NDO: <u>EP</u> NDO: <u>GM</u>	NDO: <u>EP</u> NDO: <u>GM</u>	NDO: <u>LOX</u> NDO: <u>GM</u>	NDO: <u>LOX</u> NDO: <u>EP</u>	NDO: <u>LOX</u> NDO: <u>EP</u>

Comments: SEE COMMENTS ON PAGE 32 of 37

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6.[4] Date: From 12-21-15 to 12-27-15

6.[16] Performed by:

	Signature	Z#	Initials	Date
	<u>Edward Pacheco</u>	<u>1100407</u>	<u>EP</u>	<u>12-21-15</u>
	<u>Tina Aguirre</u>	<u>124270A</u>	<u>TA</u>	<u>12-21-15</u>
<u>GM</u>	<u>Larry Brito</u>	<u>116405</u>	<u>LB</u>	<u>12-22-15</u>
<u>12-22-15</u>	<u>Gilbert Martinez</u>	<u>119335</u>	<u>GM</u>	<u>12-22-15</u>
	<u>Edward Pacheco</u>	<u>1100407</u>	<u>EP</u>	<u>12-23-15</u>
	<u>Leon Montoya</u>	<u>1191526</u>	<u>LM</u>	<u>12-23-15</u>
	<u>Edward Pacheco</u>	<u>1100407</u>	<u>EP</u>	<u>12-24-2015</u>

	Signature	Z#	Initials	Date
	<u>Leon Montoya</u>	<u>1191526</u>	<u>LM</u>	<u>12-24-15</u>
	<u>Willie J. Baker</u>	<u>112207</u>	<u>WB</u>	<u>12-25-15</u>
	<u>Leon Montoya</u>	<u>1191526</u>	<u>LM</u>	<u>12-25-15</u>
	<u>Willie J. Baker</u>	<u>112207</u>	<u>WB</u>	<u>12-26-15</u>
	<u>Leon Montoya</u>	<u>1191526</u>	<u>LM</u>	<u>12-26-15</u>
	<u>Willie J. Baker</u>	<u>112207</u>	<u>WB</u>	<u>12-27-15</u>
	<u>Leon Montoya</u>	<u>1191526</u>	<u>LM</u>	<u>12-27-15</u>

10.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

UET

ATTACHMENT 3

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

6.[4] Date: From 12-21-15 to 12-27-15

	Monday 6.[4] Start Time: <u>1313</u>	Tuesday 6.[4] Start Time: <u>0938</u>	Wednesday 6.[4] <u>1256</u> Start Time: 1300	Thursday 6.[4] Start Time: <u>1257</u>	Friday 6.[4] Start Time: <u>1247</u>	Saturday 6.[4] Start Time: <u>1237</u>	Sunday 6.[4] Start Time: <u>1230</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>07-08-2016</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>45.7</u> °F	<u>44.5</u> °F	45.7 ^{EP 12-24-15} <u>45.7</u> °F	<u>44.1</u> °F	<u>44.9</u> °F	<u>42.5</u> °F	<u>43.8</u> °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
LASB02198	<u>45.2</u>	<u>43.7</u>	<u>45.7</u>	<u>43.0</u>	<u>44.0</u>	<u>41.6</u>	<u>42.2</u>
68638	<u>46.6</u>	<u>44.9</u>	<u>44.1</u>	<u>44.9</u>	<u>45.0</u>	<u>44.1</u>	<u>44.2</u>
69615	<u>47.8</u>	<u>45.7</u>	<u>44.9</u>	<u>45.1</u>	<u>46.0</u>	<u>43.8</u>	<u>44.3</u>
69635	<u>47.8</u>	<u>46.4</u>	<u>45.7</u>	<u>45.6</u>	<u>46.1</u>	<u>44.8</u>	<u>45.4</u>
69642	<u>47.8</u>	<u>47.6</u>	<u>45.4</u>	<u>46.1</u>	<u>47.2</u>	<u>45.6</u>	<u>45.9</u>
69630	<u>48.0</u>	<u>46.1</u>	<u>46.7</u>	<u>45.4</u>	<u>46.4</u>	<u>44.6</u>	<u>44.6</u>
69633	<u>46.3</u>	<u>45.5</u>	<u>45.9</u>	<u>44.6</u>	<u>45.6</u>	<u>44.0</u>	<u>43.9</u>
68430	<u>45.4</u>	<u>44.6</u>	<u>45.0</u>	<u>44.2</u>	<u>44.8</u>	<u>43.6</u>	<u>43.7</u>
68631	<u>45.7</u>	<u>44.4</u>	<u>44.6</u>	<u>43.6</u>	<u>44.8</u>	<u>43.0</u>	<u>43.8</u>
69634	<u>45.5</u>	<u>43.9</u>	<u>44.3</u>	<u>42.6</u>	<u>44.0</u>	<u>42.3</u>	<u>42.8</u>
68567	<u>45.3</u>	<u>43.3</u>	<u>43.9</u>	<u>43.0</u>	<u>44.6</u>	<u>42.3</u>	<u>42.5</u>
94227	<u>46.0</u>	<u>44.0</u>	<u>43.5</u>	<u>43.3</u>	<u>44.6</u>	<u>41.7</u>	<u>42.4</u>
LASB50442	<u>45.7</u>	<u>43.2</u>	<u>44.2</u>	<u>43.2</u>	<u>45.2</u>	<u>42.4</u>	<u>46.5</u>
69644	<u>45.7</u>	<u>43.6</u>	<u>43.9</u>	<u>43.2</u>	<u>44.7</u>	<u>41.9</u>	<u>41.9</u>
LASB50443	<u>47.0</u>	<u>45.0</u>	<u>44.1</u>	<u>44.7</u>	<u>46.0</u>	<u>43.4</u>	<u>43.1</u>
69638	<u>46.7</u>	<u>44.9</u>	<u>44.9</u>	<u>43.7</u>	<u>46.1</u>	<u>42.9</u>	<u>43.3</u>

Gm 12/22/15

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Z# 124917

INITIAL DA DATE 12-21-15

UET

ATTACHMENT 3

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6.[4] Date: From 12-21-15 to 12-27-15

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-54-0375 Cell 2 (continued)							
<i>GM 12-22-15</i>							
68624	46.3	44.1	44.7	43.9	45.1	45.1	43.9
68507	45.6	43.6	43.3	42.0	44.3	44.3	40.8
69568	45.5	44.1	44.0	43.9	44.9	44.9	43.0
69553	45.5	43.9	44.2	43.7	45.0	45.0	43.7
69598	45.6	42.9	43.5	43.8	45.1	45.1	44.2
LASB50559	45.6	44.4	42.5	43.1	44.4	44.4	41.0
69015	46.5	43.9	43.8	42.5	44.7	44.7	41.6
69639	46.6	45.9	45.5	44.6	46.3	46.3	43.2
69637	47.5	45.6	45.1	44.7	46.0	46.0	44.3
End Time (6.[12])	1319	0941	1300	1303	1252	1241	1235
6.[12]	NDO: <u>EP</u> NDO: <u>CA</u>	NDO: <u>PB</u> NDO: <u>GM</u>	NDO: <u>EP</u> NDO: <u>LM</u>	NDO: <u>EP</u> NDO: <u>LM</u>	NDO: <u>EP</u> NDO: <u>LM</u>	NDO: <u>LOP</u> NDO: <u>LM</u>	NDO: <u>LOP</u> NDO: <u>LM</u>

Comments: SEE COMMENTS ON PAGE 32 OF 37

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ATTACHMENT 3

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6.[4] Date: From 12-21-15 to 12-27-15

6.[16] Performed by:

	SOM or designee (print)	Signature	Z#	Initials	Date
	Edward Pacheco	<i>Edward Pacheco</i>	11004971	EP	12-21-15
	Tina Aguirre	<i>Tina Aguirre</i>	1149271	TA	12-21-15
GM	Larry Brito	<i>Larry Brito</i>	116405	LB	12-22-15
12-27	Gilbert Martinez	<i>Gilbert Martinez</i>	119235	GM	12-22-15
	Edward Pacheco	<i>Edward Pacheco</i>	11004971	EP	12-23-15
	Leon Montoya	<i>Leon Montoya</i>	1191526	LM	12-23-15
	Edward Pacheco	<i>Edward Pacheco</i>	11004971	EP	12-24-2015

	SOM or designee (print)	Signature	Z#	Initials	Date
	Leon Montoya	<i>Leon Montoya</i>	1191526	LM	12-24-15
	Willie S. Gabeira	<i>Willie S. Gabeira</i>	112807	WG	12-25-15
	Leon Montoya	<i>Leon Montoya</i>	1191526	LM	12-25-15
	Willie S. Gabeira	<i>Willie S. Gabeira</i>	112807	WG	12-26-15
	Leon Montoya	<i>Leon Montoya</i>	1191526	LM	12-26-15
	Willie S. Gabeira	<i>Willie S. Gabeira</i>	112807	WG	12-27-15
	Leon Montoya	<i>Leon Montoya</i>	1191526	LM	12-27-15

10.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

UET

ATTACHMENT 4

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

6.[4] Date: From 12-21-15 to 12-27-15

*AM 12:15
 12:50
 1:00 PM*

Monday 6.[4] Start Time: <u>1300</u>	Tuesday 6.[4] Start Time: <u>0921</u>	Wednesday 6.[4] Start Time: <u>1245</u>	Thursday 6.[4] Start Time: <u>1245</u>	Friday 6.[4] Start Time: <u>1230</u>	Saturday 6.[4] Start Time: <u>1226</u>	Sunday 6.[4] Start Time: <u>1218</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>07-07-2016</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>	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>38.8</u> °F	<u>31.6</u> °F	<u>42.7</u> °F	<u>33.6</u> °F	<u>37.5</u> °F	<u>31.8</u> °F	<u>31.7</u> °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
69519	<u>39.4</u>	<u>33.7</u>	<u>37.8</u>	<u>34.6</u>	<u>37.9</u>	<u>32.5</u>	<u>32.8</u>
69645	<u>39.8</u>	<u>33.0</u>	<u>37.9</u>	<u>34.7</u>	<u>38.4</u>	<u>33.4</u>	<u>32.4</u>
94068	<u>39.5</u>	<u>32.3</u>	<u>37.4</u>	<u>34.4</u>	<u>38.2</u>	<u>32.7</u>	<u>32.8</u>
93605	<u>40.1</u>	<u>32.4</u>	<u>37.7</u>	<u>34.3</u>	<u>38.6</u>	<u>32.6</u>	<u>32.4</u>
69548	<u>39.5</u>	<u>31.9</u>	<u>37.5</u>	<u>33.6</u>	<u>38.2</u>	<u>32.1</u>	<u>32.0</u>
69604	<u>39.5</u>	<u>32.3</u>	<u>37.3</u>	<u>34.0</u>	<u>38.1</u>	<u>32.5</u>	<u>32.2</u>
LASB50529	<u>39.8</u>	<u>32.2</u>	<u>37.3</u>	<u>33.9</u>	<u>37.9</u>	<u>32.6</u>	<u>32.3</u>
LASB50418	<u>39.5</u>	<u>32.3</u>	<u>37.0</u>	<u>33.7</u>	<u>37.8</u>	<u>32.5</u>	<u>32.1</u>
69036	<u>39.4</u>	<u>32.1</u>	<u>37.3</u>	<u>33.6</u>	<u>38.0</u>	<u>32.1</u>	<u>32.9</u>
LASB50451	<u>40.2</u>	<u>32.1</u>	<u>37.5</u>	<u>34.2</u>	<u>38.3</u>	<u>32.2</u>	<u>32.0</u>
69559	<u>40.0</u>	<u>32.1</u>	<u>37.5</u>	<u>34.0</u>	<u>38.5</u>	<u>32.6</u>	<u>32.3</u>
LASB50448	<u>39.9</u>	<u>31.9</u>	<u>37.2</u>	<u>34.1</u>	<u>38.3</u>	<u>32.8</u>	<u>31.9</u>
87827	<u>41.0</u>	<u>31.8</u>	<u>37.9</u>	<u>33.8</u>	<u>38.3</u>	<u>31.8</u>	<u>31.8</u>

WORKING COPY

Z# 174977

INITIAL DA DATE 12-21-15

UET

ATTACHMENT 4

Page 2 of 3

6.[4] Date: From 12-21-15 to 12-27-15

Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-54-0375 Cell 3 (continued)							
87826	40.7	31.8	37.9	34.0	38.3	32.5 <i>WR</i>	31.9 <i>WR</i>
87823	40.1	32.3	37.2	33.3	38.6	32.5	31.4 <i>WR</i> 31.5
87825	40.1	32.4	37.1	33.5	38.3	31.6	31.9
End Time (6.[12])	1305	0926	1250	1249	1240	1230	1222
6.[12]	NDO: <u>EP</u> NDO: <u>NA</u>	NDO: EP NDO: SM	NDO: <u>EP</u> NDO: <u>LM</u>	NDO: <u>EP</u> NDO: <u>LM</u>	NDO: <u>WR</u> NDO: <u>LM</u>	NDO: <u>WR</u> NDO: <u>LM</u>	NDO: <u>WR</u> NDO: <u>LM</u>

12-22-15

Comments: SEE SECOND SET OF ATTACHMENTS FOR TUESDAY 12-22-15. TEMPS WERE MISTAKENLY IN THE A.M PER BOB HARDER. CORRECT SIGNATURES ON SECOND SET.

UET

ATTACHMENT 4

Page 3 of 3

6.[4] Date: From 12-21-15 to 12-27-15

6.[16] Performed by:

SOM or designee (print)	Signature	Z#	Initials	Date
Edward Pacheco	<i>Edward Pacheco</i>	1004971	EP	12-21-15
Lina Aguirre	<i>Lina Aguirre</i>	1249220	LA	12-21-15
Larry Britts	<i>Larry Britts</i>	116405	LB	12-22-15
Ernest Martinez	<i>Ernest Martinez</i>	116735	EM	12-22-15
Edward Pacheco	<i>Edward Pacheco</i>	1004971	EP	12-23-15
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	12-23-15
Edward Pacheco	<i>Edward Pacheco</i>	1004971	EP	12-24-2015

SOM or designee (print)	Signature	Z#	Initials	Date
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	12-27-15
Willie J. Conley	<i>Willie J. Conley</i>	112907	WC	12-25-15
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	12-25-15
Willie J. Conley	<i>Willie J. Conley</i>	112907	WC	12-26-15
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	12-26-15
Willie J. Conley	<i>Willie J. Conley</i>	112907	WC	12-27-15
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	12-27-15

10.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

UET

ATTACHMENT 2

Page 1 of 3

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

6.[4] Date: From 12-22-15 to 12-22-15

		Monday 6.[4] Start Time: _____	Tuesday 6.[4] Start Time: <u>1307</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: _____ Model: _____ Cal. Due Date: _____ File Number _____	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-5-16</u> File Number <u>101784</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)	_____ °F	<u>43.8</u> °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
68685		43.8 <u>43.3</u>						
LA00000070503	68540	<u>43.3</u>						
	68553	<u>43.3</u>						
69445		<u>43.5</u>						
69618		<u>42.4</u>						
69013		<u>43.5</u>						
LASB50522		43.3 <u>44.4</u>						
LASB50452		<u>44.4</u>						
LASB50431		<u>44.6</u>						
LASB50069		<u>44.1</u>						
LASB50073		<u>44.3</u>						
69636		<u>45.6</u>						
69616		<u>44.6</u>						
69417		<u>44.7</u>						

UET

ATTACHMENT 2

Page 2 of 3

6.[4] Date: From 12-22-15 to 12-22-15

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-54-0375 Cell 1 (continued)							
69620		44.2					
69520		44.6					
69641		44.8					
69298		45.3					
LASB02203		44.7					
End Time (6.[12])		1310					
6.[12]	NDO: _____ NDO: _____	NDO: <u>LJK</u> NDO: <u>GM</u>	NDO: _____ NDO: _____	NDO: _____ NDO: _____	NDO: _____ NDO: _____	NDO: _____ NDO: _____	NDO: _____ NDO: _____

Comments: SEE COMMENTS ON PAGE 32 of 37

UET

ATTACHMENT 2
 Page 3 of 3

6.[4] Date: From 12-22-15 to 12-22-15

6.[16] Performed by:

<i>Willie J. Paul</i>	<i>112907</i>	<i>WJP</i>	<i>12-22-15</i>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<i>Gilbert Martin</i>	<i>11092351</i>	<i>GM</i>	<i>12-22-15</i>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

10.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date
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UET

ATTACHMENT 3

Page 1 of 3

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

6.[4] Date: From 12-22-15 to 12-22-15

	Monday 6.[4] Start Time: _____	Tuesday 6.[4] Start Time: <u>1311</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: _____ Model: _____ Cal. Due Date: _____ File Number _____	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-5-16</u> File Number <u>10916</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])	_____ °F	<u>43.8</u> °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
LASB02198		<u>44.9</u>					
68638		<u>44.2</u>					
69615		<u>44.8</u>					
69635		<u>45.9</u>					
69642		<u>46.0</u>					
69630		<u>45.8</u>					
69633		<u>45.9</u>					
68430		<u>44.8</u>					
68631		<u>43.5</u>					
69634		<u>44.8</u>					
68567		<u>44.0</u>					
94227		<u>43.9</u>					
LASB50442		<u>44.0</u>					
69644		<u>44.6</u>					
LASB50443		<u>45.1</u>					
69638		<u>45.5</u>					

UET

ATTACHMENT 3

Page 2 of 3

6.[4] Date: From 12-22-15 to 12-22-15

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-54-0375 Cell 2 (continued)							
68624		44.3					
68507		44.2					
69568		43.8					
69553		44.7					
69598		44.4					
LASB50559		44.1					
69015		44.6					
69639		44.7					
69637		48.2					
End Time (6.[12])		1315					
6.[12]	NDO: _____ NDO: _____	NDO: <u>LC</u> NDO: <u>GM</u>	NDO: _____ NDO: _____	NDO: _____ NDO: _____	NDO: _____ NDO: _____	NDO: _____ NDO: _____	NDO: _____ NDO: _____

Comments: ONLY TUESDAY TEMPS ON THIS PAGE DUE TO MISSUNDERSTANDING. AM TEMPS TAKEN ON FIRST ATTACHMENT.

UET

ATTACHMENT 3

Page 3 of 3

6.[4] Date: From 12-22-15 to 12-22-15

6.[16] Performed by:

<i>William S. Guba</i>	<i>1122081</i>	<i>GM</i>	<i>12-22-15</i>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<i>Gilbert Martin</i>	<i>1149235</i>	<i>GM</i>	<i>12-22-15</i>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

10.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date
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UET

ATTACHMENT 4

Page 1 of 3

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

6.[4] Date: From 12-22-15 to 12-22-15

Monday 6.[4] Start Time: _____	Tuesday 6.[4] Start Time: <u>1301</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: _____
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TA-54-0375 Cell 3							
Calibrated infrared thermometer (4.2.[1][B])	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 _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number _____
Ambient Temperature (6.[5])	_____ °F	<u>37.2</u> °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
69519	_____	<u>37.6</u>					
69645	_____	<u>37.6</u>					
94068	_____	<u>37.6</u>					
93605	_____	<u>37.9</u>					
69548	_____	<u>37.4</u>					
69604	_____	<u>37.5</u>					
LASB50529	_____	<u>37.4</u>					
LASB50418	_____	<u>37.4</u>					
69036	_____	<u>37.5</u>					
LASB50451	_____	<u>37.7</u>					
69559	_____	<u>37.5</u>					
LASB50448	_____	<u>37.8</u>					
87827	_____	<u>36.8</u>					

UET

ATTACHMENT 4

Page 2 of 3

6.[4] Date: From 12-22-15 to 12-22-15

Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-54-0375 Cell 3 (continued)							
87826	N/A	36.8					
87823	N/A	37.0					
87825	N/A	37.0					
End Time (6.[12])		1306					
6.[12]	NDO: _____ NDO: _____	NDO: 47°C NDO: <u>3M</u>	NDO: _____ NDO: _____	NDO: _____ NDO: _____	NDO: _____ NDO: _____	NDO: _____ NDO: _____	NDO: _____ NDO: _____

Comments: ONLY TUESDAYS TEMPS ON THIS PAGE.

UET

ATTACHMENT 4

Page 3 of 3

6.[4] Date: From 12-22-15 to 12-22-15

6.[16] Performed by:

<i>Wilder S. Robert</i>	<i>110207</i>	<i>WR</i>	<i>12-22-15</i>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<i>Gilbert Martina</i>	<i>14235</i>	<i>GM</i>	<i>12-22-15</i>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

10.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date
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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 12-28-15 to 1-3-16

	Monday 6.[4] Start Time: <u>1242</u>	Tuesday 6.[4] Start Time: <u>1236</u>	Wednesday 6.[4] Start Time: <u>1232/1240</u>	Thursday 6.[4] Start Time: <u>1247</u>	Friday 6.[4] Start Time: <u>1241</u>	Saturday 6.[4] Start Time: <u>1243</u>	Sunday 6.[4] Start Time: <u>1241</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>07-5-2016</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>	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>	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>40.6</u> °F	<u>40.2</u> °F	<u>40.0</u> °F	<u>41.1</u> °F	<u>39.9</u> °F	<u>40.2</u> °F	<u>44.8</u> °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
68685	<u>43.4</u>	<u>41.9</u>	<u>41.5</u>	<u>42.8</u>	<u>41.6</u>	<u>42.3</u>	<u>45.9</u>
LA00000070503	68540 <u>43.6</u>	<u>41.6</u>	<u>42.8</u>	<u>43.2</u>	<u>41.8</u>	<u>43.1</u>	<u>45.7</u>
	68553 <u>43.7</u>	<u>42.3</u>	<u>42.7</u>	<u>44.7</u>	<u>42.2</u>	<u>43.7</u>	<u>45.1</u>
69445	<u>43.3</u>	<u>41.5</u>	<u>41.5</u>	<u>43.6</u>	<u>42.0</u>	<u>42.6</u>	<u>46.4</u>
69618	<u>44.1</u>	<u>40.1</u>	<u>40.6</u>	<u>43.0</u>	<u>40.5</u>	<u>42.8</u>	<u>45.9</u>
69013	<u>44.8</u>	<u>40.4</u>	<u>42.4</u>	<u>44.2</u>	<u>42.1</u>	<u>43.7</u>	<u>45.6</u>
LASB50522	<u>45.4</u>	<u>40.1</u>	<u>44.1</u>	<u>44.6</u>	<u>43.0</u>	<u>44.2</u>	<u>45.8</u>
LASB50452	<u>44.7</u>	<u>42.8</u>	<u>44.1</u>	<u>45.2</u>	<u>43.6</u>	<u>44.6</u>	<u>45.8</u>
LASB50431	<u>44.3</u>	<u>44.0</u>	<u>43.6</u>	<u>44.9</u>	<u>43.5</u>	<u>44.5</u>	<u>46.1</u>
LASB50069	<u>44.5</u>	<u>43.7</u>	<u>43.3</u>	<u>45.2</u>	<u>42.0</u>	<u>43.6</u>	<u>45.8</u>
LASB50073	<u>44.6</u>	<u>43.5</u>	<u>43.9</u>	<u>44.2</u>	<u>43.1</u>	<u>43.8</u>	<u>46.1</u>
69636	<u>45.0</u>	<u>44.0</u>	<u>44.2</u>	<u>45.0</u>	<u>43.1</u>	<u>44.4</u>	<u>45.8</u>
69616	<u>44.9</u>	<u>44.3</u>	<u>44.1</u>	<u>45.1</u>	<u>43.7</u>	<u>44.4</u>	<u>45.7</u>
69417	<u>44.7</u>	<u>43.4</u>	<u>43.7</u>	<u>44.7</u>	<u>43.3</u>	<u>44.2</u>	<u>46.0</u>

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Z# 191526

INITIAL uo DATE 12-28-15

Remediated Nitrate Salt Waste Container Monitoring

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6.[4] Date: From 12-28-15 to 1-3-16

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-54-0375 Cell 1 (continued)							
69620	44.9	43.3	43.4	44.4	43.4	44.1	46.1
69520	45.3	43.5	43.7	44.7	43.2	44.3	46.0
69641	45.2	44.5	44.2	45.0	43.9	44.7	46.2
69298	44.9	44.0	44.2	44.8	44.0	44.7	46.2
LASB02203	44.9	44.3	44.2	45.2	43.8	45.0	46.3
End Time (6.[12])	<u>1248</u>	<u>1242</u>	<u>1246</u>	<u>1252</u>	<u>1247</u>	<u>1249</u>	<u>1246</u>
6.[12]	NDO: <u>EP</u> NDO: <u>LM</u>	NDO: <u>EP</u> NDO: <u>LM</u>	NDO: <u>WRC</u> NDO: <u>LM</u>	NDO: <u>WRC</u> NDO: <u>LM</u>	NDO: <u>WRC</u> NDO: <u>LM</u>	NDO: <u>WRC</u> NDO: <u>LM</u>	NDO: <u>WRC</u> NDO: <u>LM</u>

Comments:

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Remediated Nitrate Salt Waste Container Monitoring

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6.[4] Date: From 12-28-15 to 1-3-16

6.[16] Performed by:

Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>191526</u>	<u>LM</u>	<u>12-29-15</u>
<u>Edward Parker</u>	<u>100497</u>	<u>EP</u>	<u>12-28-2015</u>
<u>Edward Parker</u>	<u>100497</u>	<u>EP</u>	<u>12-29-2015</u>
<u>Leon Montoya</u>	<u>191526</u>	<u>LM</u>	<u>12-29-15</u>
<u>Willie S. Coakley</u>	<u>112907</u>	<u>WC</u>	<u>12-30-15</u>
<u>Leon Montoya</u>	<u>191526</u>	<u>LM</u>	<u>12-30-15</u>

<u>Willie S. Coakley</u>	<u>112907</u>	<u>WC</u>	<u>12-28-15</u>
<u>Leon Montoya</u>	<u>191526</u>	<u>LM</u>	<u>12-28-15</u>
<u>Willie S. Coakley</u>	<u>112907</u>	<u>WC</u>	<u>1-1-16</u>
<u>Leon Montoya</u>	<u>191526</u>	<u>LM</u>	<u>1-1-16</u>
<u>Willie S. Coakley</u>	<u>112907</u>	<u>WC</u>	<u>1-2-16</u>
<u>Leon Montoya</u>	<u>191526</u>	<u>LM</u>	<u>1-2-16</u>
<u>Willie S. Coakley</u>	<u>112907</u>	<u>WC</u>	<u>1-3-16</u>
<u>Leon Montoya</u>	<u>191526</u>	<u>LM</u>	<u>1-3-16</u>

10.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

UET

ATTACHMENT 3

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

6.[4] Date: From 12-29-15 to 1-3-16 ¹⁶ ~~12-29-15~~

	Monday 6.[4] Start Time: <u>1249</u>	Tuesday 6.[4] <u>1243</u> Start Time: <u>1243</u>	Wednesday 6.[4] <u>47</u> Start Time: <u>1230</u>	Thursday 6.[4] Start Time: <u>1253</u>	Friday 6.[4] Start Time: <u>1248</u>	Saturday 6.[4] Start Time: <u>1250</u>	Sunday 6.[4] Start Time: <u>1247</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>07-8-16</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>43.3</u> °F	<u>43.0</u> °F	<u>42.6</u> °F	<u>43.7</u> °F	<u>43.8</u> °F	<u>41.4</u> °F	<u>44.1</u> °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
LASB02198	<u>42.8</u>	<u>41.6</u>	<u>41.6</u>	<u>40.8</u>	<u>42.0</u>	<u>40.3</u>	<u>44.0</u>
68638	<u>44.4</u>	<u>43.5</u>	<u>42.9</u>	<u>43.5</u>	<u>43.6</u>	<u>42.5</u>	<u>44.2</u>
69615	<u>45.4</u>	<u>43.1</u>	<u>44.5</u>	<u>43.8</u>	<u>43.8</u>	<u>43.3</u>	<u>45.4</u>
69635	<u>45.4</u>	<u>44.6</u>	<u>44.8</u>	<u>45.1</u>	<u>44.9</u>	<u>44.2</u>	<u>45.6</u>
69642	<u>46.6</u>	<u>45.7</u>	<u>46.2</u>	<u>47.6</u>	<u>46.1</u>	<u>46.3</u>	<u>45.4</u>
69630	<u>46.0</u>	<u>44.2</u>	<u>43.6</u>	<u>44.1</u>	<u>44.6</u>	<u>45.0</u>	<u>46.4</u>
69633	<u>44.3</u>	<u>43.2</u>	<u>43.0</u>	<u>43.2</u>	<u>43.8</u>	<u>43.0</u>	<u>44.1</u>
68430	<u>44.4</u>	<u>42.7</u>	<u>42.9</u>	<u>42.7</u>	<u>43.8</u>	<u>41.8</u>	<u>43.8</u>
68631	<u>44.1</u>	<u>41.7</u>	<u>42.7</u>	<u>42.7</u>	<u>43.3</u>	<u>42.2</u>	<u>43.6</u>
69634	<u>44.8</u>	<u>41.5</u>	<u>41.2</u>	<u>41.3</u>	<u>42.1</u>	<u>41.4</u>	<u>42.8</u>
68567	<u>42.9</u>	<u>41.2</u>	<u>42.0</u>	<u>41.6</u>	<u>42.4</u>	<u>41.8</u>	<u>42.9</u>
94227	<u>43.6</u>	<u>41.7</u>	<u>41.4</u>	<u>42.1</u>	<u>43.3</u>	<u>41.3</u>	<u>43.0</u>
LASB50442	<u>43.1</u>	<u>41.7</u>	<u>40.7</u>	<u>41.8</u>	<u>41.6</u>	<u>41.4</u>	<u>42.8</u>
69644	<u>43.4</u>	<u>41.3</u>	<u>41.0</u>	<u>41.9</u>	<u>42.0</u>	<u>41.5</u>	<u>44.7</u>
LASB50443	<u>44.4</u>	<u>42.2</u>	<u>42.9</u>	<u>43.7</u>	<u>43.4</u>	<u>43.0</u>	<u>44.7</u>
69638	<u>44.4</u>	<u>42.8</u>	<u>43.2</u>	<u>43.7</u>	<u>42.8</u>	<u>43.1</u>	<u>43.3</u>

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 INITIAL WY DATE 12-29-15

Remediated Nitrate Salt Waste Container Monitoring

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6.[4] Date: From 12-28-15 to 1-3-15

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-540375 Cell 2 (continued)							
68624	43.4	42.1	42.4	41.9	42.5	42.0	43.5
68507	42.0	40.8	40.1	40.4	40.0	40.1	43.2
69568	43.0	41.7	42.2	41.5	41.4	42.2	42.9
69553	43.1	42.3	42.2	41.9	42.1	41.5	42.4
69598	43.1	42.6	42.8	41.5	42.7	41.9	41.8
LASB50559	42.2	42.1	41.1	42.2	42.1	42.8	42.3
69015	43.7	40.5	40.6	41.0	41.4	40.9	42.1
69639	44.0	43.5	42.8	43.4	44.4	43.7	44.9
69637	45.0	43.5	42.9	43.7	44.2	43.2	45.0
End Time (6.[12])	<u>1256</u>	<u>1250</u>	<u>1253</u>	<u>1259</u>	<u>1255</u>	<u>1257</u>	<u>1252</u>
6.[12]	NDO: <u>EP</u> NDO: <u>LM</u>	NDO: <u>EP</u> NDO: <u>LM</u>	NDO: <u>WPL</u> NDO: <u>LM</u>	NDO: <u>WPL</u> NDO: <u>LM</u>	NDO: <u>WPL</u> NDO: <u>LM</u>	NDO: <u>WPL</u> NDO: <u>LM</u>	NDO: <u>WPL</u> NDO: <u>LM</u>

Comments:

n/c

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6.[4] Date: From 12-28-15 to 1-3-15

6.[16] Performed by:

<u>Edward Pacheco</u>	<u>Edward Pacheco</u>	<u>1100497</u>	<u>EP</u>	<u>12-28-15</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>191526</u>	<u>LM</u>	<u>12-28-15</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Edward Pacheco</u>	<u>Edward Pacheco</u>	<u>1100497</u>	<u>EP</u>	<u>12-29-15</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>191526</u>	<u>LM</u>	<u>12-29-15</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Willie J. Conant</u>	<u>Willie J. Conant</u>	<u>1118907</u>	<u>WC</u>	<u>12-30-15</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>191526</u>	<u>LM</u>	<u>12-30-15</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
_____	_____	_____	_____	_____
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date

<u>Willie J. Conant</u>	<u>Willie J. Conant</u>	<u>1118907</u>	<u>WC</u>	<u>12-31-15</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>191526</u>	<u>LM</u>	<u>12-31-15</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Willie J. Conant</u>	<u>Willie J. Conant</u>	<u>1118907</u>	<u>WC</u>	<u>1-1-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>191526</u>	<u>LM</u>	<u>1-1-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Willie J. Conant</u>	<u>Willie J. Conant</u>	<u>1118907</u>	<u>WC</u>	<u>1-2-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>191526</u>	<u>LM</u>	<u>1-2-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Willie J. Conant</u>	<u>Willie J. Conant</u>	<u>1118907</u>	<u>WC</u>	<u>1-3-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>191526</u>	<u>LM</u>	<u>1-3-16</u>

10.1[2] Reviewed by:

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

UET

ATTACHMENT 4

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

6.[4] Date: From 12-28-15 to 1-3-15

Monday 6.[4] Start Time: <u>1235</u>	Tuesday 6.[4] Start Time: <u>1230</u>	Wednesday 6.[4] Start Time: <u>1235</u>	Thursday 6.[4] Start Time: <u>1241</u>	Friday 6.[4] Start Time: <u>1235</u>	Saturday 6.[4] Start Time: <u>1237</u>	Sunday 6.[4] Start Time: <u>1233</u>
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TA-54-0375 Cell 3							
Calibrated infrared thermometer (4.2.[1][B])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>07-7-2016</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>040988</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-7-16</u> File Number <u>040988</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-7-16</u> File Number <u>040988</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-7-16</u> File Number <u>040988</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-7-16</u> File Number <u>040988</u>
Ambient Temperature (6.[5])	<u>35.3</u> °F	<u>30.2</u> °F	<u>30.0</u> °F	<u>31.6</u> °F	<u>29.8</u> °F	<u>30.8</u> °F	<u>35.1</u> °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
69519	<u>36.0</u>	<u>32.0</u>	<u>31.1</u>	<u>33.0</u>	<u>31.2</u>	<u>32.2</u>	<u>35.6</u>
69645	<u>36.0</u>	<u>32.1</u>	<u>31.6</u>	<u>33.1</u>	<u>31.4</u>	<u>32.7</u>	<u>35.9</u>
94068	<u>36.0</u>	<u>31.1</u>	<u>31.4</u>	<u>32.6</u>	<u>30.5</u>	<u>31.9</u>	<u>35.3</u>
93605	<u>36.1</u>	<u>30.9</u>	<u>30.6</u>	<u>33.2</u>	<u>30.7</u>	<u>32.4</u>	<u>36.0</u>
69548	<u>35.8</u>	<u>30.4</u>	<u>30.3</u>	<u>32.4</u>	<u>30.0</u>	<u>31.5</u>	<u>35.4</u>
69604	<u>35.5</u>	<u>30.7</u>	<u>31.2</u>	<u>32.4</u>	<u>30.2</u>	<u>31.8</u>	<u>35.2</u>
LASB50529	<u>35.3</u>	<u>30.7</u>	<u>30.5</u>	<u>32.3</u>	<u>30.2</u>	<u>31.5</u>	<u>34.8</u>
LASB50418	<u>35.6</u>	<u>30.5</u>	<u>30.5</u>	<u>32.3</u>	<u>30.2</u>	<u>31.5</u>	<u>34.8</u>
69036	<u>35.2</u>	<u>30.0</u>	<u>29.9</u>	<u>32.1</u>	<u>29.7</u>	<u>32.2</u>	<u>35.3</u>
LASB50451	<u>35.6</u>	<u>30.8</u>	<u>30.8</u>	<u>32.1</u>	<u>30.0</u>	<u>31.8</u>	<u>35.8</u>
69559	<u>36.0</u>	<u>31.1</u>	<u>30.8</u>	<u>32.1</u>	<u>30.0</u>	<u>31.8</u>	<u>35.8</u>
LASB50448	<u>35.7</u>	<u>30.5</u>	<u>30.2</u>	<u>32.1</u>	<u>29.9</u>	<u>32.0</u>	<u>36.1</u>
87827	<u>35.8</u>	<u>30.0</u>	<u>30.4</u>	<u>33.5</u>	<u>30.2</u>	<u>32.5</u>	<u>35.8</u>

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INITIAL LM DATE 12-28-15

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6.[4] Date: From 12-28-15 to 1-3-15

Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-54-0375 Cell 3 (continued)							
87826	35.4	30.6	30.3	32.9	32.7	32.5	36.0
87823	36.1	30.2	30.2	32.6	32.6	32.0	35.9
87825	35.5	30.1	29.8	32.2	32.2	32.0	35.5
End Time (6.[12])	1240	1235	12139	1246	1246	1242	1240
6.[12]	NDO: <u>EP</u> NDO: <u>LM</u>	NDO: <u>EP</u> NDO: <u>LM</u>	NDO: <u>EP</u> NDO: <u>LM</u>	NDO: <u>WJC</u> NDO: <u>LM</u>	NDO: <u>WJC</u> NDO: <u>LM</u>	NDO: <u>WJC</u> NDO: <u>LM</u>	NDO: <u>WJC</u> NDO: <u>LM</u>

Comments:

N/E

UET

ATTACHMENT 4

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6.[4] Date: From 12-29-15 to 1-3-16

6.[16] Performed by:

<u>Edward Parker</u>	<u>Edward Parker</u>	<u>11004971</u>	<u>EP</u>	<u>12-28-2015</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>1915261</u>	<u>LM</u>	<u>12-29-15</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Edward Parker</u>	<u>Edward Parker</u>	<u>11004971</u>	<u>EP</u>	<u>12-29-2015</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>1915261</u>	<u>LM</u>	<u>12-29-15</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Willie S. Cook</u>	<u>Willie S. Cook</u>	<u>11129071</u>	<u>WC</u>	<u>12-30-15</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>1915261</u>	<u>LM</u>	<u>12-30-15</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
_____	_____	_____	_____	_____
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date

<u>Willie S. Cook</u>	<u>Willie S. Cook</u>	<u>11129071</u>	<u>WC</u>	<u>12-30-15</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>1915261</u>	<u>LM</u>	<u>12-31-15</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Willie S. Cook</u>	<u>Willie S. Cook</u>	<u>11129071</u>	<u>WC</u>	<u>1-1-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>1915261</u>	<u>LM</u>	<u>1-1-15</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Willie S. Cook</u>	<u>Willie S. Cook</u>	<u>11129071</u>	<u>WC</u>	<u>1-2-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>1915261</u>	<u>LM</u>	<u>1-2-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Willie S. Cook</u>	<u>Willie S. Cook</u>	<u>11129071</u>	<u>WC</u>	<u>1-3-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>1915261</u>	<u>LM</u>	<u>1-3-16</u>

10.1[2] Reviewed by:

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SOM or designee (print)	Signature	Z#	Initials	Date

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ATTACHMENT 2

Page 1 of 3

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

6.[4] Date: From 6-04-16 to 6-10-16

		Monday 6.[4] Start Time: <u>1317</u>	Tuesday 6.[4] Start Time: <u>1302</u>	Wednesday 6.[4] Start Time: <u>1316</u>	Thursday 6.[4] Start Time: <u>1323</u>	Friday 6.[4] Start Time: <u>1312</u>	Saturday 6.[4] Start Time: <u>1308</u>	Sunday 6.[4] Start Time: <u>1312</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>7-5-16</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>	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>	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>42.3</u> °F	<u>40.6</u> °F	<u>41.1</u> °F	<u>42.5</u> °F	<u>41.5</u> °F	<u>40.6</u> °F	<u>40.6</u> °F
Container ID #		Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
68685		<u>43.4</u>	<u>41.9</u>	<u>42.6</u>	<u>43.4</u>	<u>43.3</u>	<u>42.3</u>	<u>42.6</u>
LA00000070503	68540	<u>44.1</u>	<u>42.3</u>	<u>41.5</u>	<u>43.1</u>	<u>43.4</u>	<u>42.7</u>	<u>42.6</u>
	68553	<u>44.3</u>	<u>40.9</u>	<u>42.2</u>	<u>44.4</u>	<u>43.3</u>	<u>42.8</u>	<u>42.0</u>
69445		<u>44.0</u>	<u>42.7</u>	<u>42.8</u>	<u>44.2</u>	<u>43.3</u>	<u>42.6</u>	<u>42.8</u>
69618		<u>43.6</u>	<u>41.9</u>	<u>42.1</u>	<u>46.4</u>	<u>42.6</u>	<u>41.2</u>	<u>41.6</u>
69013		<u>44.3</u>	<u>43.3</u>	<u>42.8</u>	<u>44.8</u>	<u>43.4</u>	<u>43.0</u>	<u>42.9</u>
LASB50522		<u>44.6</u>	<u>44.4</u>	<u>43.6</u>	<u>44.4</u>	<u>44.4</u>	<u>44.2</u>	<u>44.2</u>
LASB50452		<u>45.0</u>	<u>44.2</u>	<u>43.9</u>	<u>44.5</u>	<u>44.4</u>	<u>43.9</u>	<u>44.4</u>
LASB50431		<u>45.0</u>	<u>43.9</u>	<u>43.7</u>	<u>44.3</u>	<u>44.0</u>	<u>44.1</u>	<u>44.3</u>
LASB50069		<u>44.3</u>	<u>42.9</u>	<u>43.8</u>	<u>45.6</u>	<u>44.6</u>	<u>43.2</u>	<u>43.0</u>
LASB50073		<u>44.5</u>	<u>43.7</u>	<u>43.8</u>	<u>44.2</u>	<u>43.9</u>	<u>43.2</u>	<u>43.0</u>
69636		<u>44.8</u>	<u>44.1</u>	<u>44.3</u>	<u>44.9</u>	<u>44.7</u>	<u>44.5</u>	<u>44.5</u>
69616		<u>45.2</u>	<u>44.6</u>	<u>44.8</u>	<u>45.7</u>	<u>44.8</u>	<u>44.0</u>	<u>44.7</u>
69417	EP1-w/16	<u>44.9</u>	<u>43.9</u>	<u>44.1</u>	<u>45.0</u>	<u>44.8</u>	<u>44.0</u>	<u>43.9</u>

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Z# 174977

INITIAL QA DATE 6-04-16

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ATTACHMENT 2

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6.[4] Date: From 1-4-16 to 10-16

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-54-0375 Cell 11 (continued)							
69620	45.0	43.9	44.8	44.7	44.4	43.7	43.8
69520	44.6	43.9	45.5	45.0	44.3	44.0	44.0
69641	45.3	44.1	43.9	45.1	44.9	44.3	44.3
69298	45.1	44.4	44.7	44.9	44.4	44.5	44.3
LASB02203	45.0	44.6	44.1	44.9	44.7	44.1	44.1
End Time (6.[12])	1322	1305	1322	1326	1317	1314	1318
6.[12]	NDO: <u>FP</u> NDO: <u>LM</u>	NDO: <u>DA</u> NDO: <u>LM</u>	NDO: <u>FP</u> NDO: <u>DA</u>	NDO: <u>DA</u> NDO: <u>DA</u>	NDO: <u>WOC</u> NDO: <u>DA</u>	NDO: <u>WOC</u> NDO: <u>DA</u>	NDO: <u>WOC</u> NDO: <u>DA</u>

Comments:

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ATTACHMENT 2

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6.[4] Date: From 6-4-16 to 10-16

6.[16] Performed by:

Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
Edward Pacheco	<i>Edward Pacheco</i>	1004071	EP	1-4-16
Leon Montoya	<i>Leon Montoya</i>	1915261	LM	1-4-16
Tina Aguirre	<i>Tina Aguirre</i>	174977DA	TA	1-5-16
Leon Montoya	<i>Leon Montoya</i>	1915261	LM	1-5-16
Edward Pacheco	<i>Edward Pacheco</i>	1004071	EP	1-6-16
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	1-6-16
Tina Aguirre	<i>Tina Aguirre</i>	174977DA	TA	1-7-16

Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	11-7-16
Willie J. Cook	<i>Willie J. Cook</i>	1112907	WC	1-8-16
Tina Aguirre	<i>Tina Aguirre</i>	174977DA	TA	1-8-16
Willie J. Cook	<i>Willie J. Cook</i>	1112907	WC	1-9-16
Tina Aguirre	<i>Tina Aguirre</i>	174977DA	TA	1-9-16
Willie J. Cook	<i>Willie J. Cook</i>	1112907	WC	1-10-16
Tina Aguirre	<i>Tina Aguirre</i>	174977DA	TA	1-10-16

10.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

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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 6-04-16 to 6-10-16

	Monday 6.[4] Start Time: <u>1324</u>	Tuesday 6.[4] Start Time: <u>1306</u>	Wednesday 6.[4] <u>1324</u> 1310 Start Time: <u>1310</u>	Thursday 6.[4] Start Time: <u>1327</u>	Friday 6.[4] Start Time: <u>1318</u>	Saturday 6.[4] Start Time: <u>1315</u>	Sunday 6.[4] Start Time: <u>1319</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])	43.2 <u>44.2</u> °F	<u>44.1</u> °F	43.5 <u>45.2</u> °F	<u>46.8</u> °F	<u>45.0</u> °F	<u>44.2</u> °F	<u>43.4</u> °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
LASB02198	<u>43.7</u>	<u>43.2</u>	<u>43.5</u> <u>35.3</u> ^{FP 6-16}	<u>44.4</u>	<u>44.7</u>	<u>43.6</u>	<u>42.7</u>
68638	<u>44.7</u>	<u>44.2</u>	<u>44.3</u> <u>35.0</u> ^{FP 6-16}	<u>44.5</u>	<u>45.5</u>	<u>45.7</u>	<u>44.9</u>
69615	<u>45.7</u>	<u>44.7</u>	<u>44.5</u> <u>35.2</u> ^{FP 1-16}	<u>45.3</u>	<u>46.7</u>	<u>45.9</u>	<u>45.4</u>
69635	<u>45.9</u>	<u>44.9</u>	<u>46.1</u> <u>34.6</u> ^{FP 1-16}	<u>46.1</u>	<u>46.5</u>	<u>45.9</u>	<u>45.6</u>
69642	<u>46.7</u>	<u>46.0</u>	<u>46.3</u> <u>34.3</u> ^{FP 1-16}	<u>46.6</u>	<u>45.7</u>	<u>46.9</u>	<u>47.4</u>
69630	<u>46.7</u>	<u>44.8</u>	<u>45.6</u> <u>34.4</u> ^{FP 1-16}	<u>46.3</u>	<u>43.5</u>	<u>46.0</u>	<u>45.3</u>
69633	<u>45.9</u>	<u>44.6</u>	<u>45.7</u> <u>34.2</u> ^{FP 8-16}	<u>45.3</u>	<u>45.7</u>	<u>45.5</u>	<u>44.3</u>
68430	<u>44.2</u>	<u>43.5</u>	<u>43.5</u> <u>34.6</u> ^{FP 1-16}	<u>45.3</u>	<u>43.8</u>	<u>43.7</u>	<u>43.0</u>
68631	<u>45.5</u>	<u>43.7</u>	<u>43.5</u> <u>34.5</u> ^{FP 1-16}	<u>44.0</u>	<u>43.6</u>	<u>44.1</u>	<u>43.6</u>
69634	<u>43.2</u>	<u>42.6</u>	<u>45.6</u> <u>34.4</u> ^{FP 1-16}	<u>43.7</u>	<u>44.6</u>	<u>43.4</u>	<u>42.8</u>
68567	<u>43.6</u>	<u>43.4</u>	<u>43.7</u> <u>34.4</u> ^{FP 1-16}	<u>43.4</u>	<u>44.6</u>	<u>43.7</u>	<u>43.3</u>
94227	<u>43.9</u>	<u>43.2</u>	<u>43.3</u> <u>34.3</u> ^{FP 1-16}	<u>43.9</u>	<u>44.8</u>	<u>43.8</u>	<u>42.7</u>
LASB50442	<u>43.3</u>	<u>42.8</u>	<u>43.8</u> <u>34.2</u> ^{FP 1-16}	<u>43.8</u>	<u>44.6</u>	<u>43.1</u>	<u>42.9</u>
69644	<u>44.2</u>	<u>43.1</u>	<u>42.3</u> <u>34.4</u> ^{FP 1-16}	<u>44.0</u>	<u>44.8</u>	<u>43.9</u>	<u>42.8</u>
LASB50443	<u>45.0</u>	<u>43.8</u>	<u>44.2</u> <u>34.0</u> ^{FP 1-16}	<u>46.0</u>	<u>45.8</u>	<u>44.9</u>	<u>44.0</u>
69638	<u>45.1</u>	<u>43.8</u>	<u>44.4</u>	<u>45.1</u>	<u>45.5</u>	<u>45.8</u>	<u>44.8</u>

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Z# h4927

INITIAL DA DATE 6-4-16

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ATTACHMENT 3

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6.[4] Date: From 1-4-16 to 1-10-16

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-54-0375 Cell 2 (continued)							
68624	44.4	43.8	43.8	44.4	45.2	43.4	44.3
68507	43.7	42.2	42.4	44.3	42.9	42.2	42.5
69568	43.7	44.2	43.6	44.4	44.6	44.0	42.6
69553	44.0	44.1	43.5	44.5	44.3	44.0	44.0
69598	44.2	43.3	43.8	44.3	45.5	42.9	44.2
LASB50559	42.9	43.5	43.4	44.1	45.1	43.5	42.7
69015	43.8	42.3	44.2	44.8	44.4	44.7	43.5
69639	45.0	44.6	44.2	45.0	43.9	45.6	44.2
69637	44.9	44.7	44.9	44.8	44.8	46.5	46.4
End Time (6.[12])	EP 1-4-1329 1329	1310	1330	1331	1323	1322	1327
6.[12]	NDO: <u>EP</u> NDO: <u>LM</u>	NDO: <u>CA</u> NDO: <u>LM</u>	NDO: <u>EP</u> NDO: <u>CA</u>	NDO: <u>CA</u> NDO: <u>CA</u>	NDO: <u>LOZ</u> NDO: <u>CA</u>	NDO: <u>LOZ</u> NDO: <u>CA</u>	NDO: <u>LOZ</u> NDO: <u>CA</u>

Comments:

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ATTACHMENT 3

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6.[4] Date: From 1-4-16 to 1-10-16

6.[16] Performed by:

<u>Edward Parker</u>	<u>Edward Parker</u>	<u>11004871</u>	<u>EP</u>	<u>1-4-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Leon Contreras</u>	<u>Leon Contreras</u>	<u>11915261</u>	<u>LC</u>	<u>11-4-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>11749271</u>	<u>TA</u>	<u>11-5-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Leon Contreras</u>	<u>Leon Contreras</u>	<u>11915261</u>	<u>LC</u>	<u>11-5-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Edward Parker</u>	<u>Edward Parker</u>	<u>11004871</u>	<u>EP</u>	<u>1-6-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Juan Garcia</u>	<u>Juan Garcia</u>	<u>11698401</u>	<u>JG</u>	<u>11-6-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>11749271</u>	<u>TA</u>	<u>11-7-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date

<u>Juan Garcia</u>	<u>Juan Garcia</u>	<u>11698401</u>	<u>JG</u>	<u>11-7-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Willie S. Carter</u>	<u>Willie S. Carter</u>	<u>11129071</u>	<u>WC</u>	<u>11-8-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>11749271</u>	<u>TA</u>	<u>11-8-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Willie S. Carter</u>	<u>Willie S. Carter</u>	<u>11129071</u>	<u>WC</u>	<u>11-9-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>11749271</u>	<u>TA</u>	<u>11-9-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Willie S. Carter</u>	<u>Willie S. Carter</u>	<u>11129071</u>	<u>WC</u>	<u>11-10-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>11749271</u>	<u>TA</u>	<u>11-10-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date

10.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date
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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 6-4-16 to 6-10-16

Monday 6.[4] Start Time: <u>1310</u>	Tuesday 6.[4] Start Time: <u>1259</u>	Wednesday 6.[4] Start Time: <u>310</u>	Thursday 6.[4] Start Time: <u>1320</u>	Friday 6.[4] Start Time: <u>1306</u>	Saturday 6.[4] Start Time: <u>1302</u>	Sunday 6.[4] Start Time: <u>1305</u>
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TA-54-0375 Cell 3							
Calibrated infrared thermometer (4.2.[1][B])	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>2-7-16</u> File Number <u>040986</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>2-7-16</u> File Number <u>040986</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>2-7-16</u> File Number <u>040986</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>2-7-16</u> File Number <u>040986</u>
Ambient Temperature (6.[5])	<u>37.1</u> °F	<u>33.7</u> °F	<u>35.2</u> °F	<u>35.9</u> °F	<u>35.9</u> °F	<u>33.9</u> °F	<u>30.7</u> °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
69519	<u>36.9</u>	<u>34.9</u>	<u>35.3</u>	<u>38.7</u>	<u>36.5</u>	<u>34.8</u>	<u>32.9</u>
69645	<u>37.2</u>	<u>35.1</u>	<u>35.0</u>	<u>37.7</u>	<u>36.6</u>	<u>34.6</u>	<u>32.8</u>
94068	<u>36.8</u> <u>36.8</u>	<u>34.5</u>	<u>35.2</u>	<u>37.7</u>	<u>36.3</u>	<u>34.3</u>	<u>32.2</u>
93605	<u>37.3</u>	<u>34.7</u>	<u>34.6</u>	<u>37.6</u>	<u>36.0</u>	<u>34.3</u>	<u>32.1</u>
69548	<u>36.8</u>	<u>34.1</u>	<u>34.3</u>	<u>37.2</u>	<u>36.0</u>	<u>34.3</u>	<u>31.6</u>
69604	<u>36.9</u>	<u>34.6</u>	<u>34.4</u>	<u>37.3</u>	<u>36.0</u>	<u>34.6</u>	<u>31.5</u>
LASB50529	<u>36.7</u>	<u>34.3</u>	<u>34.2</u>	<u>37.1</u>	<u>35.9</u>	<u>34.6</u>	<u>32.1</u>
LASB50418	<u>36.7</u>	<u>34.2</u>	<u>34.6</u>	<u>37.2</u>	<u>35.8</u>	<u>34.2</u>	<u>31.6</u>
69036	<u>36.8</u>	<u>34.0</u>	<u>34.5</u>	<u>38.1</u>	<u>35.8</u>	<u>34.1</u>	<u>31.5</u>
LASB50451	<u>37.3</u>	<u>34.2</u>	<u>34.4</u>	<u>37.3</u>	<u>35.6</u>	<u>34.6</u>	<u>31.7</u>
69559	<u>37.1</u>	<u>35.0</u>	<u>34.4</u>	<u>37.5</u>	<u>35.8</u>	<u>34.6</u>	<u>32.0</u>
LASB50448	<u>36.9</u>	<u>34.3</u>	<u>34.3</u>	<u>37.3</u>	<u>35.8</u>	<u>34.6</u>	<u>31.6</u>
87827	<u>37.3</u>	<u>34.0</u>	<u>34.2</u>	<u>37.2</u>	<u>36.2</u> <u>36.2</u>	<u>35.6</u>	<u>31.6</u>
					<u>37.0</u>	<u>34.6</u>	<u>32.9</u>

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INITIAL SDA DATE 6-4-16

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ATTACHMENT 4

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6.[4] Date: From 1-4-16 to 1-10-16

Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-54-0375 Cell 3 (continued)							
87826	37.3	34.4	34.4	37.3	37.0	35.1	32.5
87823	37.0	33.7	34.0	37.6	36.1	33.8	31.8
87825	37.4	33.9	33.9	37.3	36.3	34.0	32.2
End Time (6.[12])	<u>1316</u>	<u>1301</u>	<u>1315</u>	<u>1322</u>	<u>1311</u>	<u>1307</u>	<u>1311</u>
6.[12]	NDO: <u>EP</u> NDO: <u>LM</u>	NDO: <u>QA</u> NDO: <u>LM</u>	NDO: <u>EP</u> NDO: <u>QA</u>	NDO: <u>QA</u> NDO: <u>QA</u>	NDO: <u>QA</u> NDO: <u>QA</u>	NDO: <u>QA</u> NDO: <u>QA</u>	NDO: <u>QA</u> NDO: <u>QA</u>

Comments:

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6.[4] Date: From 6-4-16 to 1-10-16

6.[16] Performed by:

<u>Edward Parker</u>	<u>Edward Parker</u>	<u>1004971</u>	<u>EP</u>	<u>11-4-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>191526</u>	<u>LM</u>	<u>11-4-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>174977</u>	<u>TA</u>	<u>11-5-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>Leon Montoya</u>	<u>191526</u>	<u>LM</u>	<u>11-5-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Edward Parker</u>	<u>Edward Parker</u>	<u>11004971</u>	<u>EP</u>	<u>11-6-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Juan Garcia</u>	<u>Juan Garcia</u>	<u>1169840</u>	<u>JG</u>	<u>11-6-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>174977</u>	<u>TA</u>	<u>11-7-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date

<u>Juan Garcia</u>	<u>Juan Garcia</u>	<u>1169840</u>	<u>JG</u>	<u>11-7-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Willie J. Cook</u>	<u>Willie J. Cook</u>	<u>1112907</u>	<u>WC</u>	<u>11-8-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>174977</u>	<u>TA</u>	<u>11-8-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Willie J. Cook</u>	<u>Willie J. Cook</u>	<u>1112907</u>	<u>WC</u>	<u>11-9-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>174977</u>	<u>TA</u>	<u>11-9-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Willie J. Cook</u>	<u>Willie J. Cook</u>	<u>1112907</u>	<u>WC</u>	<u>11-10-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>174977</u>	<u>TA</u>	<u>11-10-16</u>
Nitrate Drum Observer (print)	Signature	Z#	Initials	Date

10.1[2] Reviewed by:

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

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ATTACHMENT 2

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

6.[4] Date: From 1-11-16 to 1-17-16

	Monday 6.[4] Start Time: <u>1316</u>	Tuesday 6.[4] Start Time: <u>1315</u>	Wednesday 6.[4] Start Time: <u>1306</u>	Thursday 6.[4] Start Time: <u>1308</u>	Friday 6.[4] Start Time: <u>1318</u>	Saturday 6.[4] Start Time: <u>1312</u>	Sunday 6.[4] Start Time: <u>1313</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>07-05-16</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>	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>	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>39.9</u> °F	<u>43.9</u> °F	<u>41.2</u> °F	<u>44.8</u> °F	<u>39.7</u> °F	<u>42.5</u> °F	<u>46.7</u> °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
68685	<u>42.4</u>	<u>44.9</u>	<u>45.2</u>	<u>46.2</u>	<u>42.2</u>	<u>44.7</u>	<u>47.9</u>
LA00000070503	68540 <u>42.7</u> 68553 <u>42.0</u>	<u>44.7</u> <u>45.9</u>	<u>45.0</u> <u>45.8</u>	<u>46.3</u> <u>45.9</u>	<u>43.0</u> <u>41.9</u>	<u>43.9</u> <u>43.9</u>	<u>47.8</u> <u>47.4</u>
69445	<u>43.0</u>	<u>45.4</u>	<u>45.7</u>	<u>46.9</u>	<u>43.3</u>	<u>44.3</u>	<u>47.9</u>
69618	<u>41.7</u>	<u>45.1</u>	<u>45.2</u>	<u>45.7</u>	<u>42.9</u>	<u>43.7</u>	<u>47.2</u>
69013	<u>43.5</u>	<u>45.0</u>	<u>45.8</u>	<u>46.8</u>	<u>43.4</u>	<u>44.3</u>	<u>47.4</u>
LASB50522	<u>44.2</u>	<u>45.6</u>	<u>45.9</u>	<u>46.3</u>	<u>44.2</u>	<u>45.1</u>	<u>48.0</u>
LASB50452	<u>44.3</u>	<u>45.8</u>	<u>45.7</u>	<u>46.6</u>	<u>44.2</u>	<u>44.4</u>	<u>48.0</u>
LASB50431	<u>44.2</u>	<u>45.5</u>	<u>45.7</u>	<u>46.2</u>	<u>44.1</u>	<u>45.1</u>	<u>47.8</u>
LASB50069	<u>42.7</u>	<u>44.8</u>	<u>45.1</u>	<u>45.9</u>	<u>43.6</u>	<u>44.3</u>	<u>47.5</u>
LASB50073	<u>43.1</u>	<u>45.1</u>	<u>45.9</u>	<u>45.7</u>	<u>43.7</u>	<u>44.0</u>	<u>46.7</u>
69636	<u>44.1</u>	<u>45.6</u>	<u>45.9</u>	<u>46.7</u>	<u>44.2</u>	<u>45.8</u>	<u>48.1</u>
69616	<u>44.2</u>	<u>45.7</u>	<u>45.9</u>	<u>46.8</u>	<u>44.6</u>	<u>45.5</u>	<u>48.3</u>
69417	<u>44.1</u>	<u>45.8</u>	<u>45.4</u>	<u>46.7</u>	<u>44.0</u>	<u>45.1</u>	<u>48.3</u>

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1/11/16

DATE 1-11-16

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6.[4] Date: From 1-11-16 to 1-17-16

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-54-0375 Cell 1 (continued)							
69620	44.2	45.4	45.5	46.6	44.1	44.5	47.8
69520	44.0	45.5	45.8	46.6	44.4	45.0	47.6
69641	44.4	45.8	45.9	46.7	44.4	45.3	47.9
69298	44.4	46.0	45.9	46.7	44.0	45.2	48.1
LASB02203	43.9	45.5	45.8	46.5	43.6	44.7	47.5
End Time (6.[12])	1319	1327	1310	1314	1321	1318	1317
6.[12]	NDO: <u>JB</u> NDO: <u>LM</u>	NDO: <u>JA</u> NDO: <u>LM</u>	NDO: <u>JA</u> NDO: <u>LM</u>	NDO: <u>LOK</u> NDO: <u>JA</u>	NDO: <u>JA</u> NDO: <u>LM</u>	NDO: <u>LOK</u> NDO: <u>JA</u>	NDO: <u>LOK</u> NDO: <u>JA</u>

Comments:

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

6.[4] Date: From 1-11-16 to 1-17-16

	Monday 6.[4] Start Time: <u>1320</u>	Tuesday 6.[4] Start Time: <u>1328</u>	Wednesday 6.[4] Start Time: <u>1314</u>	Thursday 6.[4] Start Time: <u>1315</u>	Friday 6.[4] Start Time: <u>1322</u>	Saturday 6.[4] Start Time: <u>1319</u>	Sunday 6.[4] Start Time: <u>1318</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>07-08-16</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>43.8</u> °F	<u>44.4</u> °F	<u>44.7</u> °F	<u>44.5</u> °F	<u>44.4</u> °F	<u>43.6</u> °F	<u>44.1</u> °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
LASB02198	<u>41.5</u>	<u>42.6</u>	<u>42.6</u>	<u>43.3</u>	<u>42.6</u>	<u>42.3</u>	<u>43.6</u>
68638	<u>43.6</u>	<u>44.6</u>	<u>43.9</u>	<u>45.3</u>	<u>44.1</u>	<u>44.2</u>	<u>45.1</u>
69615	<u>44.6</u>	<u>45.9</u>	<u>45.7</u>	<u>47.0</u>	<u>45.4</u>	<u>45.5</u>	<u>46.9</u>
69635	<u>45.2</u>	<u>46.1</u>	<u>45.7</u>	<u>47.0</u>	<u>45.5</u>	<u>45.7</u>	<u>46.8</u>
69642	<u>48.0</u>	<u>48.3</u>	<u>48.4</u>	<u>49.0</u>	<u>42.0</u>	<u>48.0</u>	<u>48.3</u>
69630	<u>45.1</u>	<u>46.6</u>	<u>46.2</u>	<u>47.8</u>	<u>45.9</u>	<u>45.6</u>	<u>46.8</u>
69633	<u>43.7</u>	<u>44.4</u>	<u>44.7</u>	<u>44.8</u>	<u>43.8</u>	<u>44.0</u>	<u>44.9</u>
68430	<u>43.5</u>	<u>44.1</u>	<u>43.7</u>	<u>43.6</u>	<u>43.0</u>	<u>43.0</u>	<u>44.4</u>
68631	<u>42.9</u>	<u>43.1</u>	<u>43.1</u>	<u>44.6</u>	<u>43.6</u>	<u>43.0</u>	<u>44.2</u>
69634	<u>41.9</u>	<u>42.6</u>	<u>41.9</u>	<u>43.7</u>	<u>43.5</u>	<u>42.3</u>	<u>43.4</u>
68567	<u>42.0</u>	<u>42.8</u>	<u>42.8</u>	<u>44.2</u>	<u>43.4</u>	<u>41.9</u>	<u>43.3</u>
94227	<u>41.2</u>	<u>43.0</u>	<u>43.5</u>	<u>43.7</u>	<u>43.9</u>	<u>42.8</u>	<u>43.8</u>
LASB50442	<u>41.7</u>	<u>43.2</u>	<u>43.4</u>	<u>44.3</u>	<u>42.5</u>	<u>42.9</u>	<u>44.2</u>
69644	<u>42.3</u>	<u>43.8</u>	<u>43.2</u>	<u>44.4</u>	<u>42.8</u>	<u>42.7</u>	<u>44.4</u>
LASB50443	<u>43.4</u>	<u>44.7</u>	<u>44.3</u>	<u>45.9</u>	<u>44.0</u>	<u>44.6</u>	<u>45.4</u>
69638	<u>44.6</u>	<u>45.5</u>	<u>44.7</u>	<u>46.4</u>	<u>44.2</u>	<u>44.1</u>	<u>45.2</u>

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6.[4] Date: From 1-18-16 to 1-17-16

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-54-0375 Cell 2 (continued)							
68624	42.6	44.4	44.1	44.5	43.6	43.0	45.0
68507	42.8	42.4	41.5	43.7	42.7	41.8	44.4
69568	42.5	44.1	42.7	43.6	42.3	41.9	43.9
69553	42.2	43.6	42.6	43.6	43.1	42.4	43.7
69598	43.1	42.7	42.4	43.7	43.2	42.9	43.8
LASB50559	41.9	43.1	42.8	43.5	43.7	42.1	43.5
69015	42.0	44.1	42.9	45.1	42.6	43.3	44.6
69639	43.9	44.6	45.4	45.0	44.5	43.8	44.7
69637	45.3	46.1	45.5	46.9	45.1	45.6	46.3
End Time (6.[12])	<u>1323</u>	<u>1330</u>	<u>1318</u>	<u>1321</u>	<u>1325</u>	<u>1322</u>	<u>1327</u>
6.[12]	NDO: <u>LB</u> NDO: <u>LM</u>	NDO: <u>JA</u> NDO: <u>LM</u>	NDO: <u>JA</u> NDO: <u>LM</u>	NDO: <u>WOK</u> NDO: <u>JA</u>	NDO: <u>JA</u> NDO: <u>LM</u>	NDO: <u>WOK</u> NDO: <u>JA</u>	NDO: <u>WOK</u> NDO: <u>JA</u>

Comments:

UET

ATTACHMENT 3

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6.[4] Date: From 1-11-16 to 1-17-16

6.[16] Performed by:

<u>Larry Brito</u>	<u>116405</u>	<u>LB</u>	<u>1-11-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>141526</u>	<u>LM</u>	<u>11-11-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>174977</u>	<u>TA</u>	<u>11-12-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>119526</u>	<u>LM</u>	<u>11-12-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>174977</u>	<u>TA</u>	<u>11-13-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>141526</u>	<u>LM</u>	<u>11-13-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>174977</u>	<u>TA</u>	<u>11-14-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

<u>Willie J. Paul</u>	<u>111907</u>	<u>WP</u>	<u>11-14-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>174977</u>	<u>TA</u>	<u>11-15-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>119526</u>	<u>LM</u>	<u>11-15-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Willie J. Paul</u>	<u>111907</u>	<u>WP</u>	<u>11-16-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>174977</u>	<u>TA</u>	<u>11-16-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Willie J. Paul</u>	<u>111907</u>	<u>WP</u>	<u>11-17-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>174977</u>	<u>TA</u>	<u>11-17-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

10.1[2] Reviewed by:

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

Remediated Nitrate Salt Waste Container Monitoring

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

6.[4] Date: From 1-11-16 to 1-12-16

Monday 6.[4] Start Time: <u>1311</u>	Tuesday 6.[4] Start Time: <u>1312</u>	Wednesday 6.[4] Start Time: <u>1303</u>	Thursday 6.[4] Start Time: <u>1302</u>	Friday 6.[4] Start Time: <u>1313</u>	Saturday 6.[4] Start Time: <u>1306</u>	Sunday 6.[4] <u>1307</u> Start Time: 1302
--	---	---	--	--	--	--

TA-54-0375 Cell 3							
Calibrated infrared thermometer (4.2.[1][B])	Brand: <u>fluke</u> Model: <u>561</u> Cal. Due Date: <u>07-07-16</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>7-5-16</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>31.2</u> °F	<u>34.6</u> °F	<u>35.5</u> °F	<u>36.2</u> °F	<u>32.1</u> °F	<u>31.1</u> °F	<u>38.1</u> °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
69519	<u>31.8</u>	<u>35.0</u>	<u>35.8</u>	<u>35.2</u>	<u>34.4</u>	<u>32.5</u>	<u>38.7</u>
69645	32.3 <u>32.3</u>	<u>35.6</u>	<u>35.9</u>	<u>35.4</u>	<u>34.5</u>	<u>32.4</u>	38.8 <u>38.8</u>
94068	<u>31.7</u>	<u>35.0</u>	<u>35.6</u>	<u>35.2</u>	<u>32.6</u>	<u>31.5</u>	<u>38.4</u>
93605	<u>32.1</u>	<u>35.5</u>	<u>36.2</u>	<u>36.0</u>	<u>33.9</u>	<u>32.3</u>	<u>38.0</u>
69548	<u>31.0</u>	<u>35.0</u>	<u>35.4</u>	<u>35.3</u>	<u>33.2</u>	<u>31.4</u>	<u>38.0</u>
69604	<u>31.2</u>	<u>34.8</u>	<u>35.6</u>	<u>34.9</u>	<u>33.2</u>	<u>31.6</u>	<u>38.1</u>
LASB50529	<u>31.3</u>	<u>34.4</u>	<u>35.2</u>	<u>35.7</u>	<u>33.4</u>	<u>31.8</u>	<u>38.0</u>
LASB50418	<u>31.0</u>	<u>35.0</u>	<u>35.4</u>	<u>34.9</u>	<u>33.2</u>	<u>31.1</u>	<u>37.8</u>
69036	<u>30.9</u>	<u>35.0</u>	<u>35.4</u>	<u>35.1</u>	<u>32.9</u>	<u>31.4</u>	<u>38.2</u>
LASB50451	<u>31.8</u>	<u>35.6</u>	<u>35.6</u>	<u>35.7</u>	<u>33.3</u>	<u>31.7</u>	<u>39.1</u>
69559	<u>31.3</u>	<u>35.5</u>	<u>36.0</u>	<u>35.1</u>	<u>33.7</u>	<u>32.3</u>	<u>38.1</u>
LASB50448	<u>31.5</u>	<u>35.3</u>	<u>35.6</u>	<u>36.7</u>	<u>33.1</u>	<u>31.5</u>	<u>37.9</u>
87827	<u>32.2</u>	<u>36.1</u>	<u>35.7</u>	<u>37.0</u>	<u>32.5</u>	<u>32.8</u>	<u>39.5</u>

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 DATE 1-11-16

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6.[4] Date: From 1-11-16 to 1-17-16

Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-54-0375 Cell 3 (continued)							
87826	32.1	36.0	36.3	36.6	33.2	33.5	39.5
87823	31.4	35.7	36.1	36.9	33.0	32.1	39.0 39.0
87825	31.5	35.9	36.5	36.6	32.6	33.2	39.9
End Time (6.[12])	<u>1315</u>	<u>1314</u>	<u>1305</u>	<u>1307</u>	<u>1317</u>	<u>1311</u>	<u>1312</u>
6.[12]	NDO: <u>PB</u> NDO: <u>Lm</u>	NDO: <u>QA</u> NDO: <u>Lm</u>	NDO: <u>QA</u> NDO: <u>Lm</u>	NDO: <u>WPL</u> NDO: <u>QA</u>	NDO: <u>QA</u> NDO: <u>Lm</u>	NDO: <u>WPL</u> NDO: <u>QA</u>	NDO: <u>WPL</u> NDO: <u>QA</u>

Comments:

WPL

UET

ATTACHMENT 2

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

6.[4] Date: From 1-18-16 to 1-24-16

	Monday 6.[4] Start Time: <u>1315</u>	Tuesday 6.[4] Start Time: <u>1314</u>	Wednesday 6.[4] Start Time: <u>1307</u>	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>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>07-05-2016</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>	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>45.2</u> °F	<u>46.6</u> °F	<u>46.4</u> °F	_____ °F	_____ °F	_____ °F	_____ °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
68685	<u>46.6</u>	<u>46.9</u>	<u>47.3</u>				
LA00000070503	68540 <u>46.6</u>	<u>47.2</u>	<u>48.5</u>				
	68553 <u>46.4</u>	<u>47.8</u>	<u>47.9</u>				
69445	<u>47.0</u>	<u>47.5</u>	<u>48.4</u>				
69618	<u>46.2</u>	<u>47.6</u>	<u>48.4</u>				
69013	<u>46.4</u>	<u>47.6</u>	<u>48.6</u>				
LASB50522	<u>46.9</u>	<u>47.4</u>	<u>48.2</u>				
LASB50452	<u>45.8</u>	<u>47.4</u>	<u>48.1</u>				
LASB50431	<u>46.6</u>	<u>46.9</u>	<u>48.1</u>				
LASB50069	<u>46.9</u>	<u>47.6</u>	<u>47.9</u>				
LASB50073	<u>45.8</u>	<u>47.9</u>	<u>47.6</u>				
69636	<u>47.1</u>	<u>48.2</u>	<u>47.9</u>				
69616	<u>47.2</u>	<u>48.5</u>	<u>48.2</u>				
69417	<u>46.8</u>	<u>48.2</u>	<u>48.6</u>				

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Z# 112907

INITIAL WJC DATE 1-18-2016

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ATTACHMENT 2

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6.[4] Date: From 6-18-16 to 6-24-16

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA#54-0375 Cell 1 (continued)							
69620	46.4	48.1	47.8				
69520	46.6	47.6	47.9				
69641	46.9	47.5	48.3				
69298	47.0	47.7	48.0				
LASB02203	46.5	47.2	48.0				
End Time (6.[12])	1320	1317	1311				
6.[12]	NDO: <u>CAF</u> NDO: <u>DA</u>	NDO: <u>DA</u> NDO: <u>vm</u>	NDO: <u>CAF</u> NDO: <u>CAF</u>	NDO: _____ NDO: _____	NDO: _____ NDO: _____	NDO: _____ NDO: _____	NDO: _____ NDO: _____

Comments:

UET

ATTACHMENT 2

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6.[4] Date: From 1-18-16 to 1-24-16

6.[16] Performed by:

<u>Willie J. Borden</u>	<u>112907-1000</u>	<u>11-18-2016</u>
Nitrate Drum Observer (print) Signature	Z#	Initials Date
<u>Lina Aguirre</u>	<u>12497101</u>	<u>11-18-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials Date
<u>Lina Aguirre</u>	<u>12497101</u>	<u>11-19-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials Date
<u>Leon Montoya</u>	<u>1191526</u>	<u>11-19-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials Date
<u>Lina Aguirre</u>	<u>12497101</u>	<u>11-20-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials Date
<u>Leon Montoya</u>	<u>1191526</u>	<u>11-20-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials Date
Nitrate Drum Observer (print) Signature	Z#	Initials Date

Nitrate Drum Observer (print) Signature	Z#	Initials Date
Nitrate Drum Observer (print) Signature	Z#	Initials Date
Nitrate Drum Observer (print) Signature	Z#	Initials Date
Nitrate Drum Observer (print) Signature	Z#	Initials Date
Nitrate Drum Observer (print) Signature	Z#	Initials Date
Nitrate Drum Observer (print) Signature	Z#	Initials Date

10.1[2] Reviewed by:

SOM or designee (print)	Signature	Z# Initials Date

UET

ATTACHMENT 3

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

6.[4] Date: From 1-18-16 to 1-24-16

	Monday 6.[4] Start Time: <u>1321</u>	Tuesday 6.[4] Start Time: <u>1318</u>	Wednesday 6.[4] Start Time: <u>1312</u>	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>07-08-2016</u> File Number <u>101916</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-9-16</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 _____
Ambient Temperature (6.5))	<u>44.2</u> °F	<u>47.9</u> °F	<u>47.5</u> °F	_____ °F	_____ °F	_____ °F	_____ °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
LASB02198	<u>43.9</u>	<u>47.5</u>	<u>45.9</u>				
68638	<u>45.7</u>	<u>47.3</u>	<u>47.1</u>				
69615	<u>47.1</u>	<u>48.3</u>	<u>48.6</u>				
69635	<u>47.0</u>	<u>48.9</u>	<u>49.0</u>				
69642	<u>48.6</u>	<u>49.7</u>	<u>50.0</u>				
69630	<u>47.4</u>	<u>49.7</u>	<u>49.4</u>				
69633	<u>45.7</u>	<u>46.9</u>	<u>48.2</u>				
68430	<u>44.5</u>	<u>47.1</u>	<u>47.0</u>				
68631	<u>44.8</u>	<u>47.0</u>	<u>48.0</u>				
69634	<u>43.7</u>	<u>47.1</u>	<u>47.0</u>				
68567	<u>44.0</u>	<u>46.2</u>	<u>46.1</u>				
94227	<u>44.3</u>	<u>46.4</u>	<u>47.1</u>				
LASB50442	<u>44.9</u>	<u>46.4</u>	<u>47.3</u>				
69644	<u>45.0</u>	<u>46.9</u>	<u>47.3</u>				
LASB50443	<u>46.3</u>	<u>47.9</u>	<u>48.0</u>				
69638	<u>46.6</u>	<u>47.9</u>	<u>48.3</u>				

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Z# 112907

INITIAL OBZ DATE 01-18-2016

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6.[4] Date: From 6-18-16 to 6-24-16

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA-5420375 Cell 2 (continued)							
68624	44.7	48.4	47.9				
68507	49.1	46.5	46.0				
69568	43.9	46.8	46.5				
69553	43.7	45.9	46.3				
69598	43.8	46.4	45.5				
LASB50559	43.8	45.8	45.9				
69015	45.0	46.8	47.1				
69639	45.3	47.5	47.4				
69637	46.7	48.8	48.0				
End Time (6.[12])	1328	1321	1316				
6.[12]	NDO: <u>LOP</u> NDO: <u>OA</u>	NDO: <u>JA</u> NDO: <u>AM</u>	NDO: <u>JA</u> NDO: <u>E</u>	NDO: _____ NDO: _____	NDO: _____ NDO: _____	NDO: _____ NDO: _____	NDO: _____ NDO: _____

Comments:

UET

ATTACHMENT 3

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6.[4] Date: From 6-8-16 to 6-24-16

6.[16] Performed by:

<u>Willie J. Baker</u>	<u>1129071602</u>	<u>WB</u>	<u>10-18-2016</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Lina Aguirre</u>	<u>11492101</u>	<u>LA</u>	<u>11-18-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Lina Aguirre</u>	<u>11492101</u>	<u>LA</u>	<u>11-19-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>11915261</u>	<u>LM</u>	<u>11-19-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Lina Aguirre</u>	<u>11492101</u>	<u>LA</u>	<u>11-20-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Leon Montoya</u>	<u>11915261</u>	<u>LM</u>	<u>11-20-16</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
/	/	/	/
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

/	/	/	/
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
/	/	/	/
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
/	/	/	/
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
/	/	/	/
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
/	/	/	/
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
/	/	/	/
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
/	/	/	/
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

10.1[2] Reviewed by:

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

UET

ATTACHMENT 4

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

6.[4] Date: From 1-19-16 to 1-24-16

Monday 6.[4] Start Time: <u>1308</u>	Tuesday 6.[4] Start Time: <u>1311</u>	Wednesday 6.[4] Start Time: <u>1303</u>	Thursday 6.[4] Start Time: _____	Friday 6.[4] Start Time: _____	Saturday 6.[4] Start Time: _____	Sunday 6.[4] Start Time: _____
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TA-54-0375 Cell 3							
Calibrated infrared thermometer (4.2.[1][B])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>0705-2016</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>102116</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 _____
Ambient Temperature (6.[5])	<u>37.2</u> °F	<u>41.1</u> °F	<u>43.2</u> °F	_____ °F	_____ °F	_____ °F	_____ °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
69519	<u>36.9</u>	<u>41.2</u>	<u>42.8</u>				
69645	<u>37.2</u>	<u>41.9</u>	<u>43.4</u>				
94068	<u>36.9</u>	<u>41.5</u>	<u>43.1</u>				
93605	<u>37.5</u>	<u>42.2</u>	<u>43.4</u>				
69548	<u>37.6</u>	<u>42.0</u>	<u>43.2</u>				
69604	<u>36.5</u>	<u>42.3</u>	<u>43.3</u>				
LASB50529	<u>37.0</u>	<u>40.8</u>	<u>42.7</u>				
LASB50418	<u>36.8</u>	<u>41.4</u>	<u>43.1</u>				
69036	<u>37.6</u>	<u>41.4</u>	<u>43.0</u>				
LASB50451	<u>36.6</u>	<u>42.1</u>	<u>43.4</u>				
69559	<u>37.5</u>	<u>41.5</u>	<u>43.6</u>				
LASB50448	<u>38.8</u>	<u>41.4</u>	<u>43.4</u>				
87827	<u>38.8</u>	<u>43.4</u>	<u>42.2</u>				

WORKING COPY

Z# 112907

INITIAL WJR DATE 01-18-2016

UET

ATTACHMENT 4

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6.[4] Date: From 6-18-16 to 6-24-16

Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
TA 54-0375 Cell 3 (continued)							
87826	38.7	42.9	43.0				
87823	38.3	42.2	43.3				
87825	38.8	43.0	43.6				
End Time (6.[12])	1514	1313	1306				
6.[12]	NDO: <u>LOP</u> NDO: <u>DA</u>	NDO: <u>JA</u> NDO: <u>LM</u>	NDO: <u>JA</u> NDO: <u>LM</u>	NDO: _____ NDO: _____	NDO: _____ NDO: _____	NDO: _____ NDO: _____	NDO: _____ NDO: _____

Comments:

UET

ATTACHMENT 4

Page 3 of 3

6.[4] Date: From ¹¹⁻¹⁸⁻¹⁶ ~~1-18-20~~ ₁₆ to ~~1-24-16~~

6.[16] Performed by:

<i>Willie J. [Signature]</i>	117907	KOR	10-18-2016
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<i>Lina Aguirre [Signature]</i>			11-18-16
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<i>Lina Aguirre [Signature]</i>	1749170A		11-19-16
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<i>Luis Montoya [Signature]</i>	11915261	LM	11-19-16
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<i>Lina Aguirre [Signature]</i>			11-20-16
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<i>Luis Montoya [Signature]</i>	11915261	LM	11-20-16
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

10.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date
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