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Subject: Monthly Technical Submittal - November 19, 2015 - December 16, 2015

Linked below is the written monthly technical submittal for November 19 – December 16, 2015. 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 and August 12, 2015 regarding *Modification to May 19, 2014, Administrative Order*; and Section IX of the April 21, 2015, *LANL Nitrate Salt-Bearing Waste Container Isolation Plan, Revision 3*.

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

1. [NMED monthly written submission December 16 2015.pdf](#) (23.9 MB)

Please contact me if additional information would be helpful.

Luciana Vigil-Holterman for

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NMED / LANL Technical Summary

November 19, 2015 – December 16, 2015

Participants:

- New Mexico Environment Department: Neelam Dhawan and Siona Briley
- LANL – NNSA- Los Alamos Field Office: Gene Turner and Jordan Arnswald
- LANL – Los Alamos National Security: Alison Dorries, Mark Haagenstad, Luciana Vigil-Holterman, Lydia Martinez, and Felicia Naranjo

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 28 days' temperature data attached.
- **Monitoring – Visual Inspections**
 - No abnormal conditions were observed.
 - Daily (previously hourly) visual inspections began on November 30, 2015.
- **Monitoring – headspace gas (HSG)**
 - Containers (SWBs) 68685 and SB50522.
 - Continue daily head space gas (HSG) sample collection.
 - November 19 – December 16, 2015 HSG data (H₂, CO, CO₂ and N₂O) attached.
 - Sampling and analysis was not conducted on November 29, 2015.
 - 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 December, LANL has completed HSG sampling on 51 containers.
 - December 1, 2, 8, 9, 15, and 16, 2015 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.
 - Hourly temperature measurements on SWB 68685 and SB50522 were discontinued when hourly visual inspections were stopped on November 30, 2015.
 - Five other SWB overpacks (containing 55-gallon drums of remediated nitrate salt-bearing waste) and four overpacked nitrate salt-bearing waste POCs.
 - Twice-weekly HSG sample collection.
 - November 19, 23, 25 and December 1, 3, 7, 10 and 14, 2015, HSG data (H_2 , CO, CO_2 and N_2O) attached.
- **Anticipated Changes to Nitrate Salt-Bearing Waste Containers (e.g. movement, re-packaging)**
 - Currently, no further movements or re-packaging are occurring.

Other:

- As notified via email on November 30, 2015, a temporary delay in headspace gas (HSG) sampling and analysis of remediated nitrate salt-bearing waste occurred on Sunday, November 29, 2015. HSG sampling and analysis resumed on Monday, November 30, 2015.
- Items within the Summary Chart (below) have been updated as discussed during November 19, 2015 meeting.

Next Call: Wednesday, January 20, 2016

Summary Chart - Requested Information / Pending Issues:

	Requested Information	Actionee	Status	Completion Date
1.	NMED contact / process for LANL to notify NMED under the Revised Isolation Plan (e.g., 24 hour notices).	NMED	---	Complete June 5, 2014
2.	Keep NMED informed on the status of ongoing 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 July 9, 2014 (Letter sent addressing items 1-4 and 6-9 of the email request)</p> <p>July 17, 2014 (Letter sent with updated spreadsheet)</p> <p>August 7, 2014 (First submittal in response to item 5)</p> <p>August 14, 2014 (Letter addressing items 2 & 8 - Second submittal in response to item 5)</p> <p>August 18, 2014 (Third submittal in response to item 5)</p> <p>August 21, 2014 (Fourth submittal in response to item 5)</p> <p>August 27, 2014 (Fifth submittal in response to item 5)</p> <p>September 4, 2014 (Sixth submittal in response to item 5)</p> <p>September 9, 2014 (Seventh submittal in response to item 5)</p> <p>September 11, 2014 (Eighth submittal in response to item 5)</p> <p>September 22, 2014 (Ninth submittal in response to item 5)</p> <p>September 23, 2014 (Tenth submittal in response to item 5)</p> <p>October 1, 2014 (Eleventh submittal in response to item 5)</p> <p>October 8, 2014 (Twelfth submittal in response to item 5)</p> <p>October 16, 2014 (Thirteenth submittal in response to item 5)</p> <p>October 23, 2014 (Fourteenth submittal in response to item 5)</p> <p>October 27, 2014 (Fifteenth submittal in response to item 5)</p> <p>October 28, 2014 (Sixteenth submittal in response to item 5)</p> <p>November 3, 2014 (Seventeenth submittal in response to item 5)</p>

	Requested Information	Actionee	Status	Completion Date
14.	NMED will review the Round Sheets (provided in June 11 summary) and inform LANL if these should be attachments to the Revised Plan, or if they fall under the provision in Section I of the Revised Isolation Plan and their identification during this technical call is sufficient.	NMED	NMED has reviewed Round Sheets – no comments / direction at this time. NMED will address any comments in their formal response to Revised Container Isolation Plan.	Complete June 23, 2014
15.	NMED has requested ‘copies of any waste processing, treatment, characterization stop orders issued since Feb 14, 2014.’	LANL	---	Complete June 13, 2014 (Included w/ daily summary) June 16, 2014 (Discussed current TA-54 & WCRRF operations)
16.	NMED requested information on the location of drums 68327 and 68328. Request made June 14.	LANL	---	Complete June 14, 2014
17.	Update on LANL efforts – including LANL teams. (On June 20 call, LANL offered to schedule an update meeting).	LANL / NMED	---	Complete July 2, 2014
18.	Neutralizer use in association with container S855793 (parent of 68660 and 68685).	LANL	---	Complete June 25, 2014
19.	List of nitrate salt-bearing waste containers that LANL records indicate contain absorbed liquids with the same neutralizer, as discussed during June 25 technical call.	LANL	---	Complete September 30, 2014 (with August 26, 2014 response)
20.	Schedule follow-on update on LANL efforts – including teams.	LANL / NMED	---	Complete August 14, 2014 (Meeting held)
21.	NMED requested information on document approval / review (as discussed on July 3 call).	LANL	---	Complete July 29, 2014
22.	What analyses will be conducted on samples taken from empty drums that previously contained nitrate salt-bearing waste.	LANL	---	Complete July 7, 2014
23.	NMED requested the following information on cemented waste containers generated from TA-55, that are currently stored above-ground at Area G: container id number; location; form (cans or monoliths); and type of concrete. Additionally, NMED requested information on pH adjustment during waste generation process, and information on anticipated pH of free liquids (and rationale).	LANL	---	Complete July 17, 2014 (Letter sent w/ information) July 18, 2014 (Meeting held)

	Requested Information	Actionee	Status	Completion Date
24.	NMED requested the procedure for sampling empty parent drums that previously contained nitrate salt-bearing waste.	LANL	EP-AREAG-WO-DOP-1245 is included in Enclosure 1 to LANL's July 3, 2014 <i>Response to Request for Information on Management of Waste at LANL</i> .	Complete July 8, 2014
25.	NMED requested an additional discussion on a future technical call regarding CO ₂ , including data.	LANL	---	Complete August 14, 2014 (Meeting held)
26.	NMED requested additional discussion on CIN-01 waste containers and absorbent, including confirmation and extent of use.	LANL	---	Complete July 18, 2014 (Meeting held)
27.	NMED requested historic analytical information on pH of liquids associated with gypsum cemented waste.	LANL	---	Complete August 7, 2014
28.	NMED requested link to pdf of Actinide Quarterly edition (3 rd Q 2008).	LANL	---	Complete July 21, 2014
29.	NMED requested a copy of lessons learned	LANL	---	Complete August 11, 2014
30.	NMED request regarding empty drum sampling presentation.	LANL	Presentation is a pre-decisional draft/working document not for external release	August 25, 2014
31.	Respond to NMED email request dated 8/12/2014 for information associated with the nitrate salt-bearing waste containers.	LANL	---	Complete September 11, 2014
32.	NMED request regarding technical presentation.	LANL	Presentation is a pre-decisional draft/working document not for external release	August 25, 2014
33.	NMED request regarding literature review of catalytic reactions.	LANL	Literature review is a pre-decisional draft/working document not for external release	August 25, 2014
34.	LANL requested to schedule a meeting with NMED on remediation planning and schedules.	LANL / NMED	---	Complete September 29, 2014 (meeting held)
35.	Schedule a third update on LANL efforts – including teams.	LANL / NMED	---	Complete October 20, 2014

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

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

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

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

Remediated Nitrate Salt Container Headspace Gas Analysis

	68685				69553				69615				69616				SB50069			
Date	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
11/19/15	147	249	6516	1438	136	364	8787	1155	110	242	4673	252	303	418	8831	1544	461	723	13860	1848
11/20/15	143	236	6079	1320																
11/21/15	139	214	5242	1164																
11/22/15	139	187	5248	1096																
11/23/15	146	236	6059	1363	96	290	7251	947	115	230	4838	260	325	435	8874	1542	471	707	13321	1772
11/24/15	142	219	5840	1283																
11/25/15	139	219	5299	1144	180	341	7747	1032	101	197	3839	202	177	212	4677	814	479	727	11974	1565
11/26/15	143	224	5215	1137																
11/27/15	131	176	4489	950																
11/28/15	142	206	4938	1069																
11/29/15																				
11/30/15	146	227	5482	1218																
12/01/15	136	215	5460	1218	188	313	8257	1064	114	214	4488	228	308	385	7698	1346	470	670	13193	1701
12/02/15	143	217	5382	1208																
12/03/15	147	227	5207	1173	166	344	7756	1024	116	234	4458	236	318	408	7991	1389	489	694	12664	1637
12/04/15	138	208	4996	1143																
12/05/15	138	203	4879	1096																
12/06/15	148	203	4946	1122																
12/07/15	145	199	4874	1093	150	308	7131	931	114	217	4310	228	314	375	7520	1309	421	616	11313	1448
12/08/15	146	199	4901	1088																
12/09/15	135	184	4461	989																
12/10/15	144	173	4346	1006	157	296	6853	898	115	200	4089	196	331	359	7447	1297	463	643	12161	1531
12/11/15	136	164	3273	889																
12/12/15	147	193	4219	926																
12/13/15	139	177	3987	863																
12/14/15	150	194	4601	1003	165	328	7394	929	76	121	3137	136	338	364	7681	1291	443	651	12705	1545
12/15/15	140	208	4586	985																
12/16/15	145	175	4494	976																

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		
11/19/15	662	507	8583	1537	1023	402	27721	1005														
11/20/15					1048	441	29423	1088														
11/21/15					930	396	25979	973														
11/22/15					967	388	25975	939														
11/23/15	711	480	8296	1478	899	424	28138	1046														
11/24/15					933	431	27622	1035														
11/25/15	711	518	7982	1435	904	411	25619	845														
11/26/15					898	409	26239	976														
11/27/15					836	418	25379	944														
11/28/15					865	393	24780	930														
11/29/15																						
11/30/15					863	465	27944	1066														
12/01/15	648	426	7137	1286	850	443	28257	1080														
12/02/15					844	439	28281	1090										12	0	742	49	
12/03/15	718	463	7514	1352	810	419	27378	1057														
12/04/15					774	420	26164	1015														
12/05/15					832	471	27640	1070														
12/06/15					803	438	27059	1052														
12/07/15	708	429	7078	1271	783	419	26464	1037														
12/08/15					780	423	25216	944														
12/09/15					771	406	25823	1028														
12/10/15	754	413	6546	1184	766	391	25271	964														
12/11/15					772	408	25435	988														
12/12/15					753	423	24984	939														
12/13/15					738	408	24887	947														
12/14/15	733	446	7141	1265	756	400	27666	1040														
12/15/15					740	440	25885	968	185	181	2704	525	73	50	761	28						
12/16/15					690	403	26075	997														

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
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12/07/15																				
12/08/15																				
12/09/15					37	61	853	108												
12/10/15																				
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12/13/15																				
12/14/15																				
12/15/15									12	0	269	15	12	0	172	5				
12/16/15	15	0	301	31																

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	
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11/28/15																					
11/29/15																					
11/30/15																					
12/01/15																					
12/02/15													0	0	2	0	180	236	3062	283	
12/03/15																					
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12/06/15																					
12/07/15																					
12/08/15									547	451	5900	865									
12/09/15	63	32	758	70																	
12/10/15																					
12/11/15																					
12/12/15																					
12/13/15																					
12/14/15																					
12/15/15																					
12/16/15																					

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
11/19/15																				
11/20/15																				
11/21/15																				
11/22/15																				
11/23/15																				
11/24/15																				
11/25/15																				
11/26/15																				
11/27/15																				
11/28/15																				
11/29/15																				
11/30/15																				
12/01/15																				
12/02/15					76	109	1486	516												
12/03/15																				
12/04/15																				
12/05/15																				
12/06/15																				
12/07/15																				
12/08/15																				
12/09/15																				
12/10/15																				
12/11/15																				
12/12/15																				
12/13/15																				
12/14/15																				
12/15/15																	82	96	172	229
12/16/15	287	265	4198	1302																

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			
11/19/15																							
11/20/15																							
11/21/15																							
11/22/15																							
11/23/15																							
11/24/15																							
11/25/15																							
11/26/15																							
11/27/15																							
11/28/15																							
11/29/15																							
11/30/15																							
12/01/15																							
12/02/15									111	113	1146	157	291	297	3229	612							
12/03/15																							
12/04/15																							
12/05/15																							
12/06/15																							
12/07/15																							
12/08/15																		374	459	7418	601		
12/09/15																							
12/10/15																							
12/11/15																							
12/12/15																							
12/13/15																							
12/14/15																							
12/15/15																							
12/16/15	21	0	384	29																			

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	
11/19/15																					
11/20/15																					
11/21/15																					
11/22/15																					
11/23/15																					
11/24/15																					
11/25/15																					
11/26/15																					
11/27/15																					
11/28/15																					
11/29/15																					
11/30/15																					
12/01/15																					
12/02/15																					
12/03/15																					
12/04/15																					
12/05/15																					
12/06/15																					
12/07/15																					
12/08/15													209	211	3856	418					
12/09/15	399	337	4475	630					164	145	2367	143					111	184	2042	483	
12/10/15																					
12/11/15																					
12/12/15																					
12/13/15																					
12/14/15																					
12/15/15																					
12/16/15					71	0	506	164													

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		
11/19/15																						
11/20/15																						
11/21/15																						
11/22/15																						
11/23/15																						
11/24/15																						
11/25/15																						
11/26/15																						
11/27/15																						
11/28/15																						
11/29/15																						
11/30/15																						
12/01/15																						
12/02/15									413	440	4266	1295										
12/03/15																						
12/04/15																						
12/05/15																						
12/06/15																						
12/07/15																						
12/08/15															53	72	1243	113				
12/09/15	392	363	4472	586	154	131	2699	140											222	195	2124	637
12/10/15																						
12/11/15																						
12/12/15																						
12/13/15																						
12/14/15																						
12/15/15																						
12/16/15																						

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	
11/19/15																					
11/20/15																					
11/21/15																					
11/22/15																					
11/23/15																					
11/24/15																					
11/25/15																					
11/26/15																					
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11/29/15																					
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12/01/15																					
12/02/15																					
12/03/15																					
12/04/15																					
12/05/15																					
12/06/15																					
12/07/15																					
12/08/15																					
12/09/15																					
12/10/15																					
12/11/15																					
12/12/15																					
12/13/15																					
12/14/15																					
12/15/15															28	50	69	214			
12/16/15	224	297	4663	774	269	318	3681	1091	427	558	8344	1967						463	95	389	200

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		
11/19/15																						
11/20/15																						
11/21/15																						
11/22/15																						
11/23/15																						
11/24/15																						
11/25/15																						
11/26/15																						
11/27/15																						
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11/30/15																						
12/01/15																						
12/02/15																						
12/03/15																						
12/04/15																						
12/05/15																						
12/06/15																						
12/07/15																						
12/08/15	72	66	1313	57	884	779	6357	2193								684	331	4737	850			
12/09/15																						
12/10/15																						
12/11/15																						
12/12/15																						
12/13/15																						
12/14/15																						
12/15/15																			244	283	2967	671
12/16/15																						

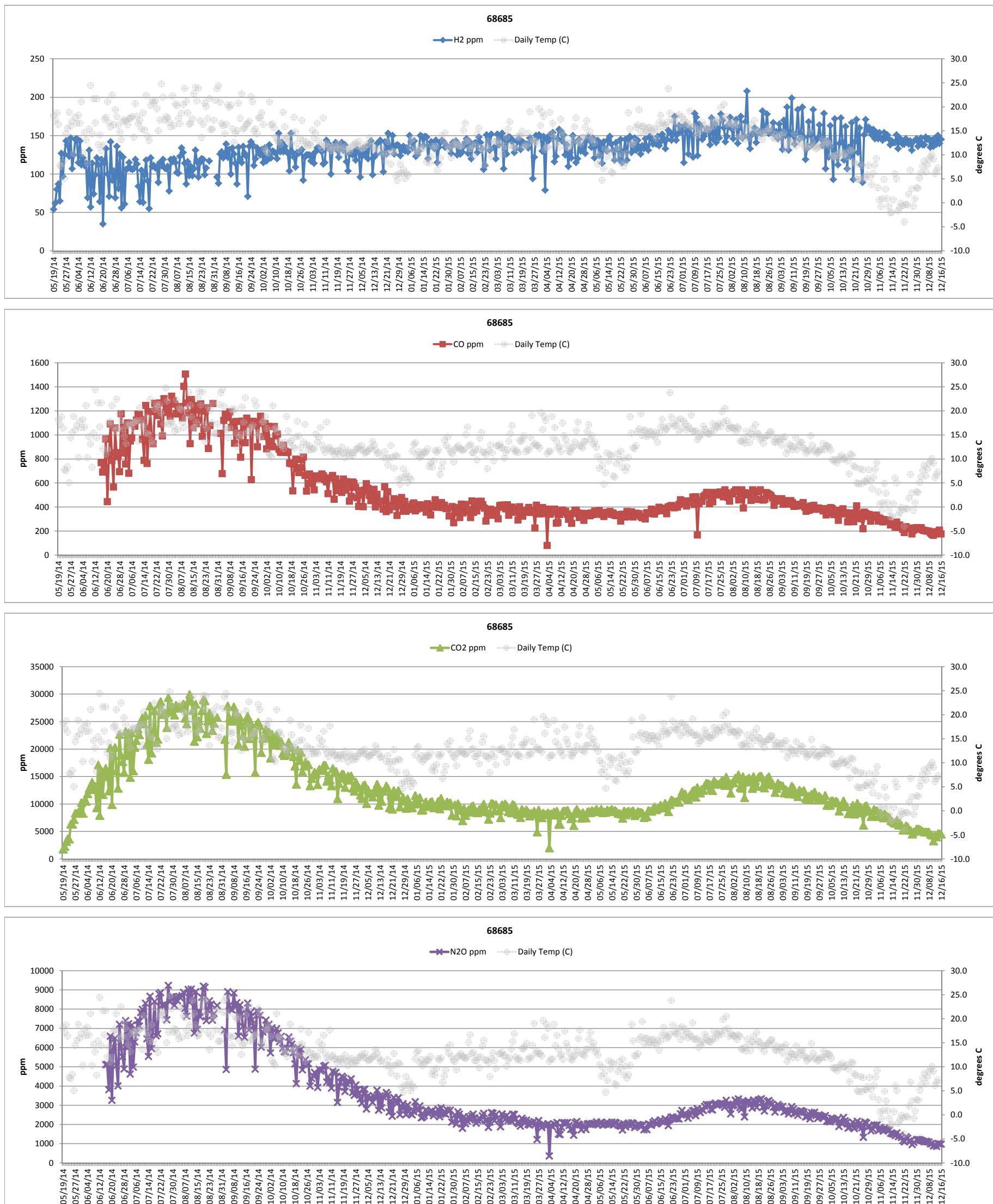
Remediated Nitrate Salt Container Headspace Gas Analysis

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		
11/19/15																						
11/20/15																						
11/21/15																						
11/22/15																						
11/23/15																						
11/24/15																						
11/25/15																						
11/26/15																						
11/27/15																						
11/28/15																						
11/29/15																						
11/30/15																						
12/01/15																						
12/02/15																						
12/03/15																						
12/04/15																						
12/05/15																						
12/06/15																						
12/07/15																						
12/08/15	608	499	6133	1149																		
12/09/15																						
12/10/15																						
12/11/15																						
12/12/15																						
12/13/15																						
12/14/15																						
12/15/15																	289	141	2118	101		
12/16/15																						

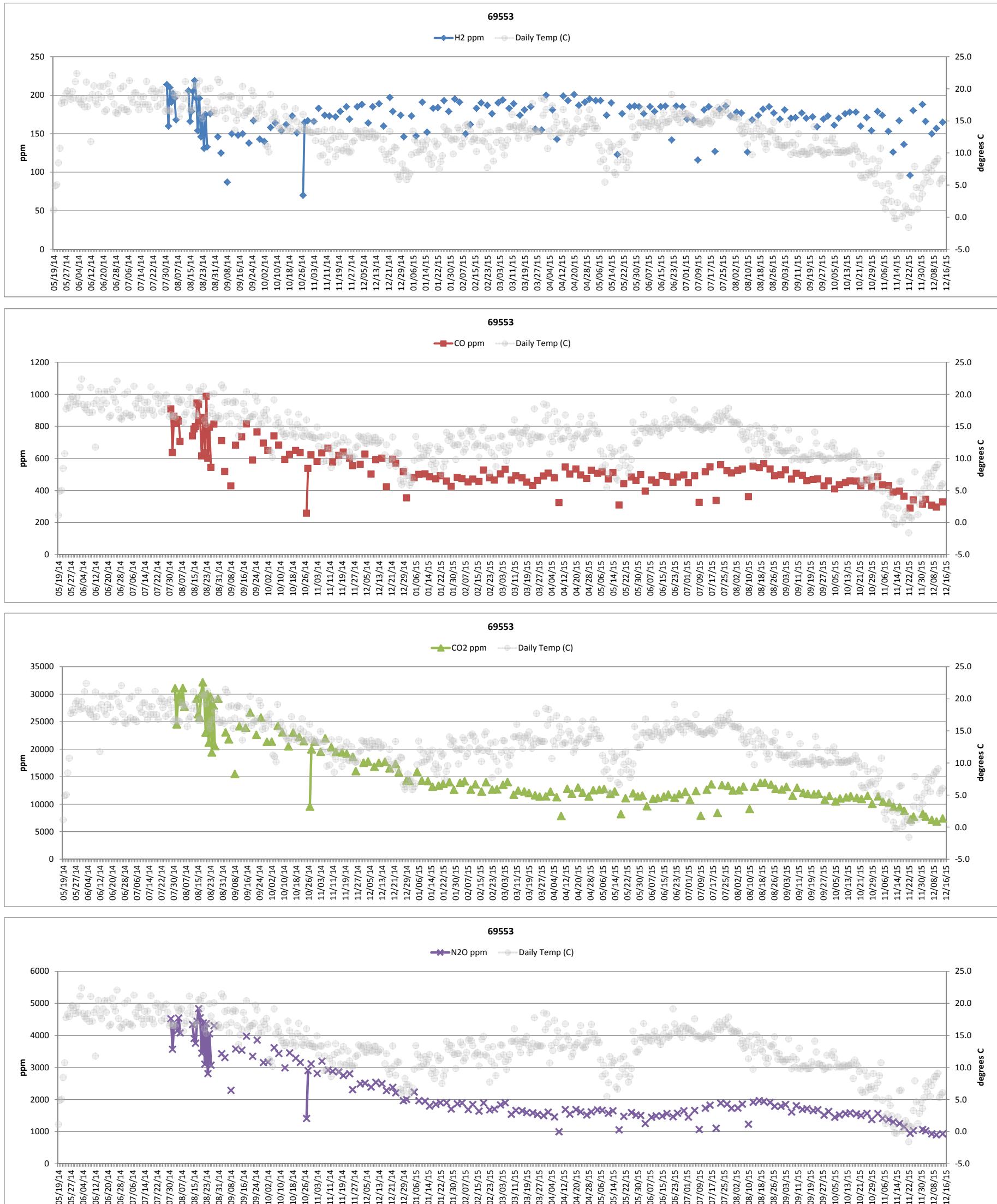
Remediated Nitrate Salt Container Headspace Gas Analysis

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
11/19/15	90	92	2119	377	129	121	3430	641	188	216	5497	895	41	75	2157	258
11/20/15																
11/21/15																
11/22/15																
11/23/15	151	110	2324	453	140	124	3457	658	153	163	4303	688	43	82	2160	268
11/24/15																
11/25/15	93	70	1349	280	143	136	3399	640	193	216	5264	856	44	78	2195	281
11/26/15																
11/27/15																
11/28/15																
11/29/15																
11/30/15																
12/01/15	123	92	2101	398	131	111	3371	597	176	201	4782	760	41	65	2149	249
12/02/15																
12/03/15	152	115	2166	418	157	141	3407	626	194	220	5154	824	40	75	2070	257
12/04/15																
12/05/15																
12/06/15																
12/07/15	157	112	2191	407	159	143	3452	627	197	217	5169	807	26	77	1872	227
12/08/15																
12/09/15																
12/10/15	155	93	2064	405	162	128	3414	631	205	215	5241	817	42	61	2020	239
12/11/15																
12/12/15																
12/13/15																
12/14/15	149	111	2202	386	155	124	3519	602	194	204	5358	796	39	75	2122	236
12/15/15																
12/16/15																

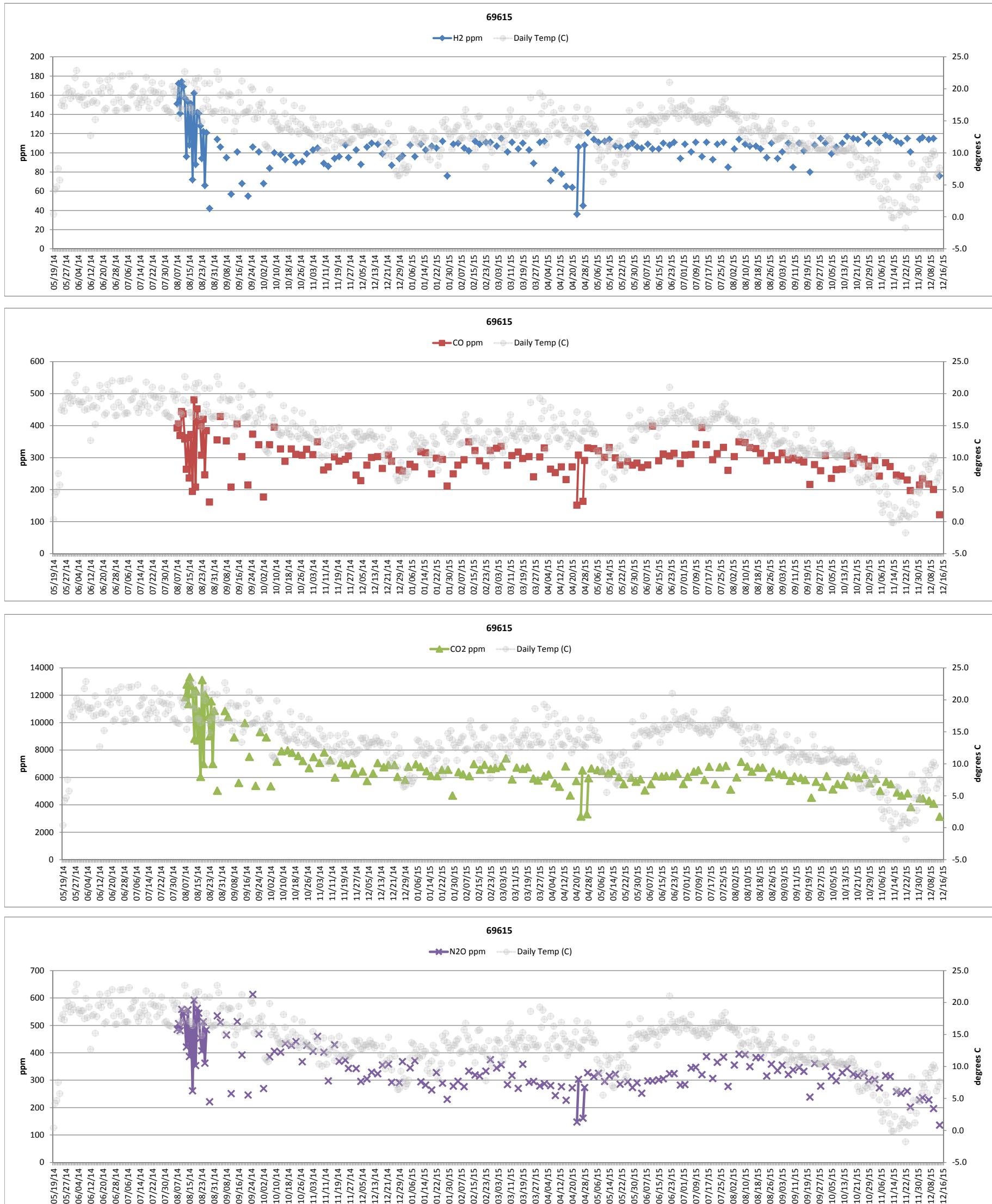
Remediated Nitrate Salt Container Headspace Gas and Temperature



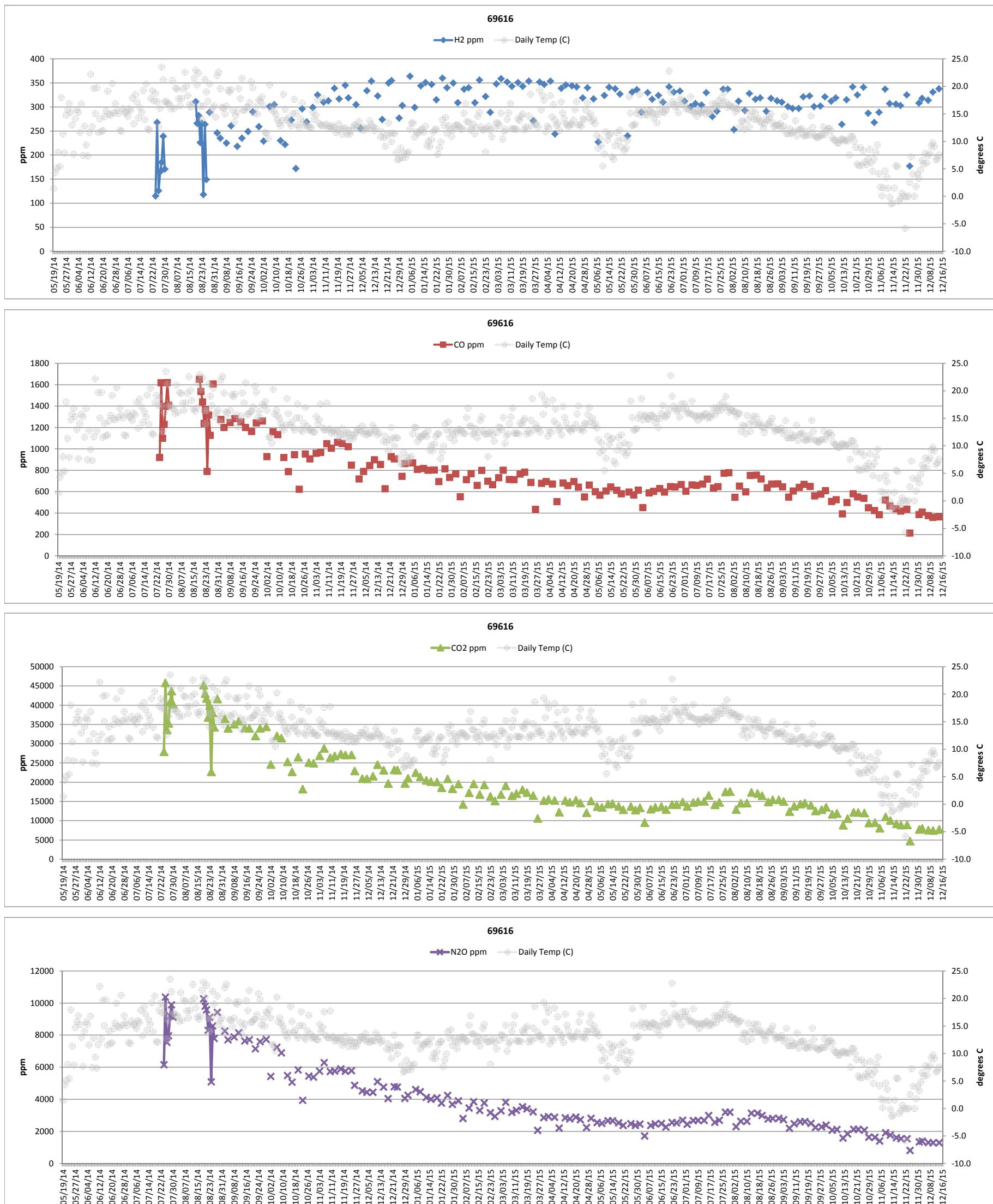
Remediated Nitrate Salt Container Headspace Gas and Temperature



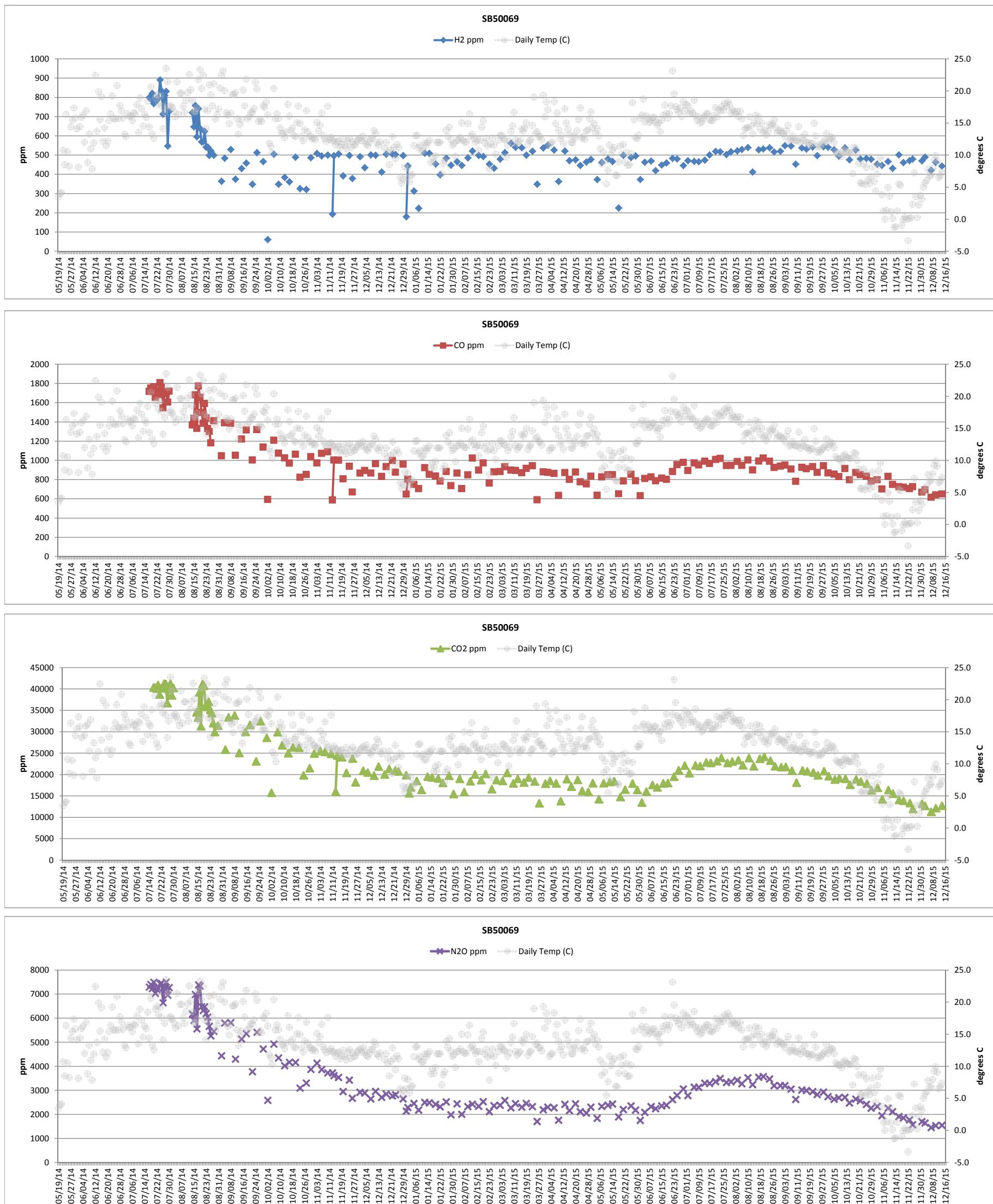
Remediated Nitrate Salt Container Headspace Gas and Temperature



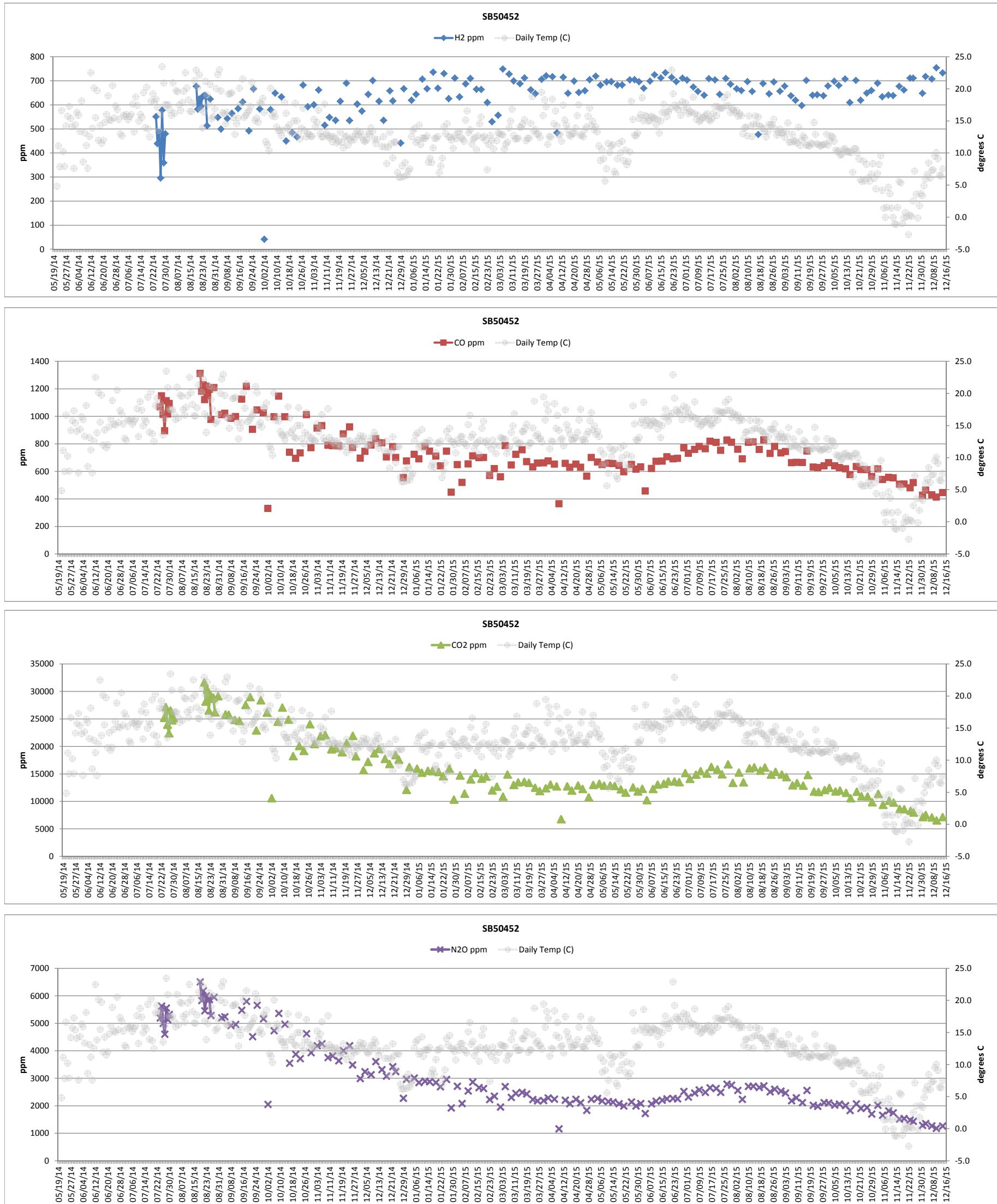
Remediated Nitrate Salt Container Headspace Gas and Temperature



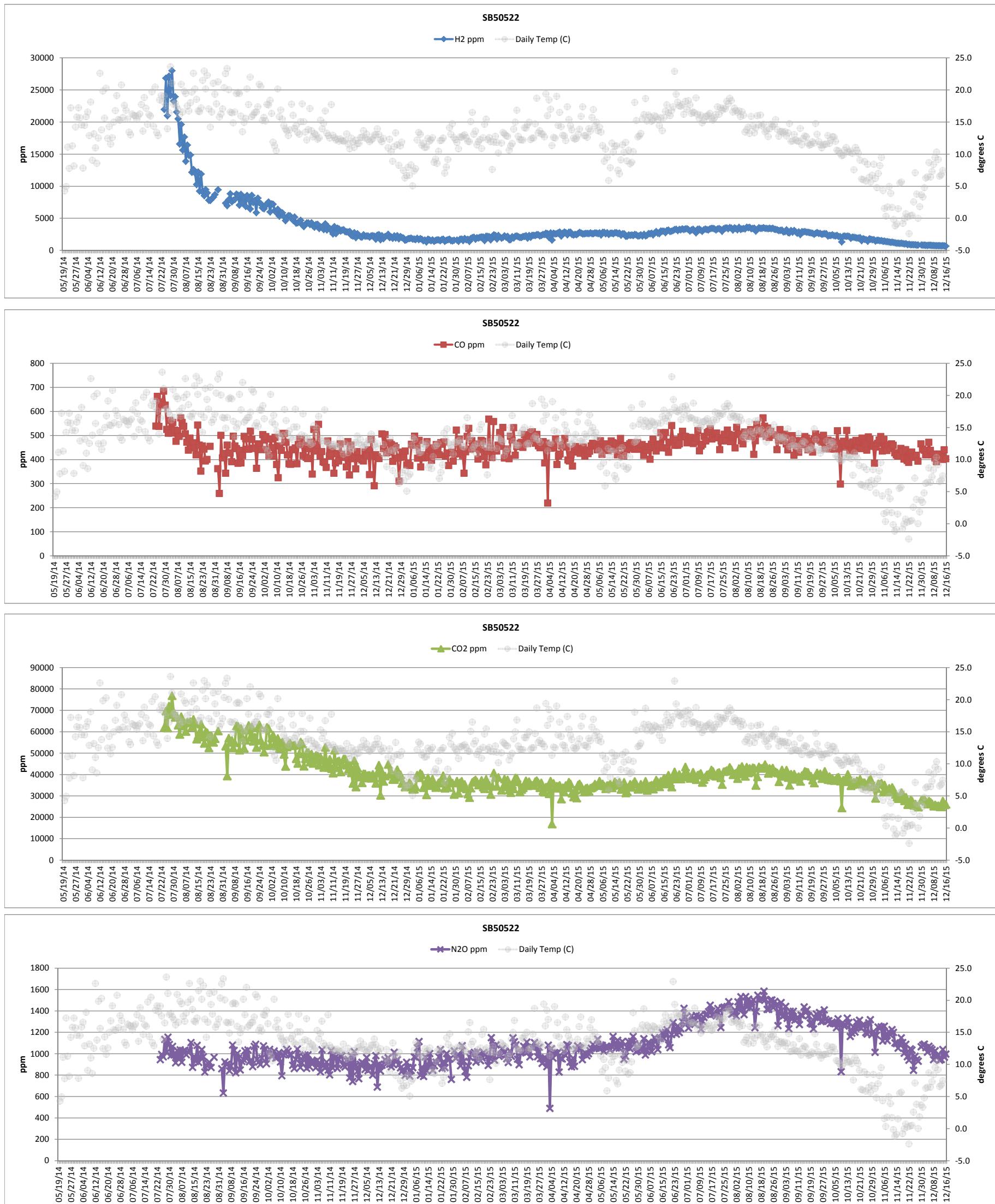
Remediated Nitrate Salt Container Headspace Gas and Temperature



Remediated Nitrate Salt Container Headspace Gas and Temperature



Remediated Nitrate Salt Container Headspace Gas and Temperature



Nitrate Salt-Bearing TRU Waste Container Monitoring

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TA-54 AREA G TA-54-375 CELL 1 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[6] Date: From 11-16-15 to 11-22-15

	Monday 6.[6] Start Time: <u>0627</u>	Tuesday 6.[6] Start Time: <u>1302</u>	Wednesday 6.[6] Start Time: <u>0835</u>	Thursday 6.[6] Start Time:	Friday 6.[6] Start Time:	Saturday 6.[6] Start Time:	Sunday 6.[6] Start Time:
TA-54-375 Cell 1							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-6-16</u> File Number: <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-6-16</u> File Number: <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-6-16</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.[7])	<u>41.9</u> °F	<u>42.9</u> °F	<u>36.2</u> °F	°F	°F	°F	°F
Container ID #	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
68685	<u>42.9</u>	<u>41.0</u>	<u>28.9</u>				
68540	<u>41.4</u>	<u>41.1</u>	<u>29.0</u>				
LA00000070503	<u>41.8</u>	<u>41.6</u>	<u>29.1</u>				
68553							
69445	<u>41.6</u>	<u>41.7</u>	<u>29.3</u>				
69618	<u>41.4</u>	<u>41.8</u>	<u>29.3</u>				
69013	<u>41.7</u>	<u>43.4</u>	<u>30.0</u>				
LASB50522	<u>41.9</u>	<u>42.2</u>	<u>30.6</u>				
LASB50452	<u>42.0</u>	<u>41.6</u>	<u>30.2</u>				
LASB50431	<u>41.9</u>	<u>41.1</u>	<u>30.3</u>				
LASB50069	<u>41.9</u>	<u>41.5</u>	<u>30.3</u>				
LASB50073	<u>42.1</u>	<u>41.6</u>	<u>31.1</u>				
69636	<u>42.1</u>	<u>41.5</u>	<u>30.0</u>				
69616	<u>42.0</u>	<u>41.7</u>	<u>30.4</u>				
69417	<u>41.9</u>	<u>41.8</u>	<u>29.9</u>				

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6.[6] Date: From 11-16-15 to 11-22-15

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
TA-54-375 Cell 1 (continued)							
69620	41.8	42.7	30.5				
69520	41.9	41.8	30.3				
69641	42.0	41.8	30.5				
69298	42.1	41.6	30.9				
LASB02203	43.7	41.3	30.2				
Ambient Temperature (6.[13])	41.3 °F	42.0 °F	30.7 °F	_____ °F	_____ °F	_____ °F	_____ °F
End Time (6.[14])	0631	1306	0840				
6.[14]	Operator: <u>DT</u> Operator: <u> </u>	Operator: <u>DA</u> Operator: <u> </u>	Operator: <u>EP</u> Operator: <u>DA</u>	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____

6.[2] Comments: New Rev. to DOP-1246 continue on DOP-1246 Rev. 7
as of 11-18-15 @ 0920 Time Aguirre #174221 Thurs 11/19/15

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6.[6] Date: From 11-16-15 to 11-22-15

6.[18] Performed by:

<u>Lina Aguirre</u>	<u>Prisc Aguirre</u>	<u>174977PA</u>	<i>QA 11-16-15</i>	<i>11-16-15</i>	<i>11-17-15</i>
Operator (print)	Signature	Z#	Initials	Date	
<u>Leon Montoya</u>	<u>/</u>	<u>1915261C</u>	<u>LM</u>	<u>11-16-15</u>	
Operator (print)	Signature	Z#	Initials	Date	
<u>Lina Aguirre</u>	<u>Prisc Aguirre</u>	<u>174977PA</u>	<i>QA</i>	<i>11-17-15</i>	
Operator (print)	Signature	Z#	Initials	Date	
<u>Leon Montoya</u>	<u>/</u>	<u>1915261C</u>	<u>LM</u>	<u>11-17-15</u>	
Operator (print)	Signature	Z#	Initials	Date	
<u>Edward Pachano</u>	<u>Edward Pachano</u>	<u>11004971ED</u>	<u>ED</u>	<u>11-18-15</u>	
Operator (print)	Signature	Z#	Initials	Date	
<u>Lina Aguirre</u>	<u>Prisc Aguirre</u>	<u>174977PA</u>	<i>QA</i>	<i>11-18-15</i>	
Operator (print)	Signature	Z#	Initials	Date	
Operator (print)	Signature	Z#	Initials	Date	

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

9.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date
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Nitrate Salt-Bearing TRU Waste Container Monitoring

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TA-54 AREA G TA-54-375 CELL 2 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[6] Date: From 11-16-15 to 11-22-15

	Monday 6.[6] Start Time: <u>0633</u>	Tuesday 6.[6] Start Time: <u>0720</u>	Wednesday 6.[6] Start Time: <u>0841</u>	Thursday 6.[6] Start Time: _____	Friday 6.[6] Start Time: _____	Saturday 6.[6] Start Time: _____	Sunday 6.[6] Start Time: _____
TA-54-375 Cell 2							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: Fluke Model: 561 Cal. Due Date 7-8-16 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date 7-8-16 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date 7-8-16 File Number 101916	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.[7])	<u>42.7</u> °F	<u>42.5</u> °F	<u>43.9</u> °F	<u>32.4</u> °F	_____ °F	_____ °F	_____ °F
Container ID #	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
LASB02198	<u>43.3</u>	<u>42.7</u>	<u>33.1</u>				
68638	<u>43.3</u>	<u>43.0</u>	<u>31.9</u>				
69615	<u>43.5</u>	<u>43.2</u>	<u>32.5</u>				
69635	<u>43.7</u>	<u>43.9</u>	<u>32.8</u>				
69642	<u>43.2</u>	<u>43.6</u>	<u>32.2</u>				
69630	<u>44.5</u>	<u>44.1</u>	<u>33.2</u>				
69633	<u>43.9</u>	<u>43.7</u>	<u>33.3</u>				
68430	<u>43.7</u>	<u>43.6</u>	<u>32.6</u>				
68631	<u>43.2</u>	<u>43.6</u>	<u>32.0</u>				
69634	<u>43.3</u>	<u>43.4</u>	<u>33.1</u>				
68567	<u>43.5</u>	<u>43.2</u>	<u>32.0</u>				
94227	<u>44.1</u>	<u>44.1</u>	<u>33.1</u>				
LASB50442	<u>43.7</u>	<u>44.1</u>	<u>32.9</u>				
69644	<u>44.4</u>	<u>43.9</u>	<u>33.3</u>				
LASB50443	<u>43.6</u>	<u>43.1</u>	<u>33.5</u>				
69638	<u>43.3</u>	<u>43.5</u>	<u>33.0</u>				

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Z# 191526INITIAL LM DATE 11-16-15

Nitrate Salt-Bearing TRU Waste Container Monitoring

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ATTACHMENT 4

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6.[6] Date: From 11-16-15 to 11-22-15

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
TA-54-375 Cell 2 (continued)							
68624	43.9	44.2	33.1				
68507	43.8	44.2	32.6				
69568	43.8	43.6	32.1				
69553	43.5	43.6	32.2				
69598	44.2	43.5	32.5				
LASB50559	43.8	43.5	32.4				
69015	43.9	43.8	33.0				
69639	44.1	43.8	33.7				
69637	43.9	43.9	32.9				
Ambient Temperature (6.[13])	44.7°F	45.3°F	33.6 °F	_____ °F	_____ °F	_____ °F	_____ °F
End Time (6.[14])	0637	1313	0849				
6.[14]	Operator: <u>QA</u> Operator: <u>LM</u>	Operator: <u>QA</u> Operator: <u>LM</u>	Operator: <u>EP</u> Operator: <u>QA</u>	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____

6.[2] Comments: New Rev. to DOP-1246 continues on DOP-1246 Rev 7
 as of 11-18-15 @ 0920 Tua Aguirre #124921 this begins

u/a

Nitrate Salt-Bearing TRU Waste Container Monitoring

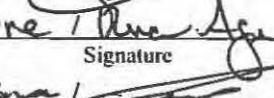
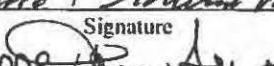
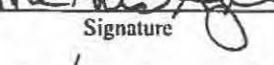
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6.[6] Date: From 11-16-15 to 11-22-15

6.[18] Performed by:

Tina Aguirre		174971	QA	11-16-15
Operator (print)	Signature	Z#	Initials	Date
Laura Montoya		1791520	QA	11-16-15
Operator (print)	Signature	Z#	Initials	Date
Tina Aguirre		174971	QA	11-17-15
Operator (print)	Signature	Z#	Initials	Date
Laura Montoya		1791520	QA	11-17-15
Operator (print)	Signature	Z#	Initials	Date
Edward Parker		1700497	EP	11-18-15
Operator (print)	Signature	Z#	Initials	Date
Tina Aguirre		174971	QA	11-18-15
Operator (print)	Signature	Z#	Initials	Date
	/	/	/	/
Operator (print)	Signature	Z#	Initials	Date

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

9.1[2] Reviewed by:

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

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Nitrate Salt-Bearing TRU Waste Container Monitoring

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ATTACHMENT 5

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TA-54 AREA G TA-54-375 CELL 3 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

11-16-15

6.[6] Date: From 11-16-15 to 11-22-15

	Monday 6.[6] 0627 Start Time: 0627	Tuesday 6.[6] Start Time: 1259	Wednesday 6.[6] Start Time: 0830	Thursday 6.[6] 1200 Start Time: 0830	Friday 6.[6] Start Time: _____	Saturday 6.[6] Start Time: _____	Sunday 6.[6] Start Time: _____
TA-54-375 Cell 3							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: Fluke Model: 561 Cal. Due Date: 7-7-16 File Number 040986	Brand: Fluke Model: 561 Cal. Due Date 7-7-16 File Number 040986	Brand: Fluke Model: 561 Cal. Due Date 7-7-16 File Number 040986	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.[7])	40.0 °F	40.9 °F	27.8 °F	60 11-19-15 °F	°F	°F	°F
Container ID #	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
69519	40.3	40.1	27.6				
69645	40.3	40.2	27.7				
94068	40.3	40.3	28.0				
93605	40.2	40.5	27.4				
69548	40.4	41.3	28.1				
69604	40.4	40.7	28.1				
LASB50529	40.2	40.3	28.6				
LASB50418	39.9	40.2	27.6				
69036	40.4	39.9	26.7				
LASB50451	40.4	40.6	27.3				
69559	40.4	40.6	28.1				
LASB50448	40.3	40.6	27.7				
87823	39.7	40.3	26.9				
87825	39.6	40.4	26.7				
87826	40.3	41.5	28.5				
87827	40.2	41.7	27.9				

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ATTACHMENT 5

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6.[6] Date: From 11-16-15 to 11-22-15

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
TA-54-375 Cell 3 (continued)							
Ambient Temperature (6.[13])	<u>40.5</u> °F	<u>40.7</u> °F	<u>28.2</u> °F	_____ °F	_____ °F	_____ °F	_____ °F
End Time (6.[14])	<u>0625</u>	<u>1301</u>	<u>0934</u>	_____	_____	_____	_____
6.[14]	Operator: <u>TA</u> Operator: <u>Lm</u>	Operator: <u>TA</u> Operator: <u>Lm</u>	Operator: <u>EP</u> Operator: <u>CH</u>	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____

6.[2] Comments: New Rev. to DOP-1246 continue on DOP-1246
 Rev. 7 as of 11-18-15 @ 0920 Triage@irre#12422 thru Aginc.

N/A

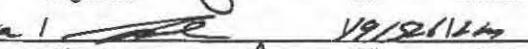
Nitrate Salt-Bearing TRU Waste Container Monitoring

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6.[18] Performed by:

Tina Aguirre		MONTA	/	11-16-15
Operator (print)	Signature	Z#	Initials	Date
Leomontoya		1915261	WS	11-16-15
Operator (print)	Signature	Z#	Initials	Date
Tina Aguirre		MONTA	/	11-17-15
Operator (print)	Signature	Z#	Initials	Date
Leomontoya		1915261	WS	11-17-15
Operator (print)	Signature	Z#	Initials	Date
Edward Pachon		100497	EP	11-18-15
Operator (print)	Signature	Z#	Initials	Date
Tina Aguirre		MONTA	/	11-18-15
Operator (print)	Signature	Z#	Initials	Date
		/	/	/
Operator (print)	Signature	Z#	Initials	Date

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

9.1[2] Reviewed by:

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

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TA-54-375 CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET6.[5] Date: From 11-19-15 to 11-22-15

	Monday 6.[5] Start Time: _____	Tuesday 6.[5] Start Time: _____	Wednesday 6.[5] Start Time: _____	Thursday 6.[5] Start Time: <u>0820</u>	Friday 6.[5] Start Time: <u>0828</u>	Saturday 6.[5] Start Time: <u>0732</u>	Sunday 6.[5] Start Time: <u>0717</u>
TA-54-375 Cell 1							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand _____ Model _____ Cal. Due Date _____ File Number _____	Brand _____ Model _____ Cal. Due Date _____ File Number _____	Brand _____ Model _____ Cal. Due Date _____ File Number _____	Brand Fluke Model 561 Cal. Due Date <u>7-6-16</u> File Number <u>101974</u>	Brand Fluke Model 561 Cal. Due Date <u>7-6-16</u> File Number <u>101974</u>	Brand Fluke Model 561 Cal. Due Date <u>7-6-16</u> File Number <u>101974</u>	Brand Fluke Model 561 Cal. Due Date <u>7-6-16</u> File Number <u>101974</u>
Ambient Temperature (6.[6])	_____ °F	_____ °F	_____ °F	<u>30.7</u> °F	<u>33.6</u> °F	<u>30.4</u> °F	<u>24.1</u> °F
Container ID #	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])
68685				<u>30.2</u>	<u>31.8</u>	<u>30.9</u>	<u>24.8</u>
LA00000070503	68540 68553			<u>30.6</u>	<u>31.8</u>	<u>31.3</u>	<u>24.5</u>
69445			X/H	<u>30.9</u>	<u>31.8</u>	<u>30.8</u>	<u>24.5</u>
69618				<u>30.8</u>	<u>32.1</u>	<u>31.7</u>	<u>25.0</u>
69013				<u>30.9</u>	<u>32.2</u>	<u>30.9</u>	<u>25.3</u>
LASB50522				<u>31.5</u>	<u>32.6</u>	<u>32.0</u>	<u>26.5</u>
LASB50452				<u>31.9</u>	<u>33.3</u>	<u>32.4</u>	<u>27.7</u>
LASB50431				<u>31.8</u>	<u>33.3</u>	<u>32.1</u>	<u>27.1</u>
LASB50069				<u>31.6</u>	<u>32.6</u>	<u>31.7</u>	<u>26.2</u>
LASB50073				<u>31.9</u>	<u>32.6</u>	<u>32.0</u>	<u>26.0</u>
69636				<u>32.2</u>	<u>33.6</u>	<u>32.8</u>	<u>27.5</u>
69616				<u>31.5</u>	<u>33.5</u>	<u>32.0</u>	<u>26.3</u>
69417				<u>31.3</u>	<u>33.0</u>	<u>32.0</u>	<u>21.5</u>
				<u>31.7</u>	<u>33.5</u>	<u>32.0</u>	<u>26.1</u>

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6.[5] Date: From 11-19-15 to 11-22-15

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])
TA-54-375 Cell 1 (continued)							
69620				31.8	34.2	32.4	27.2
69520				31.6	33.8	32.7	27.1
69641				32.0	33.1	32.4	27.1
69298				32.0	33.3	32.7	27.3
LASB02203				31.9	33.2	32.7	26.8
Ambient Temperature (6.[13])	_____ °F	_____ °F	_____ °F	31.3 °F	33.4 °F	31.3 °F	25.1 °F
End Time (6.[14])	_____	_____	_____	0824	0832	0737	0720
6.[14]	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: <u>DT</u> Operator: <u>LM</u>	Operator: <u>EP</u> Operator: <u>GM</u>	Operator: <u>EP</u> Operator: <u>GM</u>	Operator: <u>DT</u> Operator: <u>LM</u>

Comments: Continue from Dof-1246. Rev. 6. as of 11-18-15 @ 0920.

Nov 19/15 26,

UET

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6.[5] Date: From 11-19-15 to 11-22-15

6.[18] Performed by:

Operator (print)	Signature	Z#	Initials	Date
<u>Laura Aguirre</u>	<u>Laura Aguirre</u>	174977 QA		11-19-15
<u>Edward Parker</u>	<u>Edward Parker</u>	1915261 LM		11-19-15
<u>Edward Parker</u>	<u>Edward Parker</u>	17004871 EP		11-20-15
<u>Gilbert Martinez</u>	<u>Gilbert Martinez</u>	1492351 GM		11-20-15
<u>Edward Parker</u>	<u>Edward Parker</u>	17004871 EP		11-21-15
<u>Gilbert Martinez</u>	<u>Gilbert Martinez</u>	1492351 GM		11-21-15
<u>Laura Aguirre</u>	<u>Laura Aguirre</u>	174977 QA		11-22-15

Operator (print)	Signature	Z#	Initials	Date
<u>Laura Aguirre</u>	<u>Laura Aguirre</u>	174977 QA		11-22-15
<u>Edward Parker</u>	<u>Edward Parker</u>	1915261 LM		11-22-15
<u>Edward Parker</u>	<u>Edward Parker</u>	17004871 EP		11-22-15
<u>Gilbert Martinez</u>	<u>Gilbert Martinez</u>	1492351 GM		11-22-15
<u>Edward Parker</u>	<u>Edward Parker</u>	17004871 EP		11-22-15
<u>Gilbert Martinez</u>	<u>Gilbert Martinez</u>	1492351 GM		11-22-15
<u>Laura Aguirre</u>	<u>Laura Aguirre</u>	174977 QA		11-22-15

10.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

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TA-54-375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET6.[5] Date: From 1/19/15 to 1/22/15

	Monday 6.[5] Start Time:	Tuesday 6.[5] Start Time:	Wednesday 6.[5] Start Time:	Thursday 6.[5] Start Time: <u>0926</u>	Friday 6.[5] Start Time: <u>0833</u>	Saturday 6.[5] Start Time: <u>0738</u>	Sunday 6.[5] Start Time: <u>0721</u>
TA-54-375 Cell 2							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: _____ Model: _____ Cal. Due Date: _____ File Number _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number _____	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.[6])	_____ °F	_____ °F	_____ °F	<u>33.7</u> °F	<u>35.4</u> °F	<u>33.9</u> °F	<u>28.1</u> °F
Container ID #	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])
LASB02198				<u>33.8</u>	<u>36.1</u>	<u>35.5</u>	<u>30.5</u>
68638				<u>33.2</u>	<u>34.9</u>	<u>34.1</u>	<u>30.1</u>
69615				<u>33.5</u>	<u>35.2</u>	<u>34.2</u>	<u>28.8</u>
69635				<u>33.9</u>	<u>36.1</u>	<u>35.1</u>	<u>29.4</u>
69642				<u>33.2</u>	<u>34.9</u>	<u>33.8</u>	<u>28.6</u>
69630				<u>33.5</u>	<u>35.8</u>	<u>35.1</u>	<u>29.2</u>
69633				<u>34.1</u>	<u>36.1</u>	<u>35.8</u>	<u>30.6</u>
68430				<u>34.1</u>	<u>35.8</u>	<u>35.5</u>	<u>30.0</u>
68631				<u>33.5</u>	<u>35.4</u>	<u>34.3</u>	<u>29.7</u>
69634				<u>34.8</u>	<u>35.7</u>	<u>35.4</u>	<u>30.5</u>
68567				<u>33.7</u>	<u>35.6</u>	<u>34.4</u>	<u>28.8</u>
94227				<u>34.7</u>	<u>35.1</u>	<u>35.3</u>	<u>30.3</u>
LASB50442				<u>34.6</u>	<u>36.1</u>	<u>34.8</u>	<u>30.6</u>
69644				<u>34.7</u>	<u>36.4</u>	<u>35.0</u>	<u>30.6</u>
LASB50443				<u>34.3</u>	<u>36.0</u>	<u>35.6</u>	<u>31.0</u>
69638				<u>34.7</u>	<u>35.5</u>	<u>35.6</u>	<u>30.1</u>

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6.[5] Date: From 11-18-15 to 11-22-15

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])
TA-54-375 Cell 2 (continued)							
68624				33.9	35.7	35.4	29.9
68507				34.7	35.7	35.0	29.8
69568				33.3	35.2	34.5	29.0
69553				33.4	35.1	34.1	29.1
69598				33.6	35.5	34.7	29.3
LASB50559				33.7	34.8	34.6	29.1
69015				33.9	35.4	35.1	29.6
69639				34.3	36.4	36.6	30.6
69637				33.9	35.8	35.3	30.3
Ambient Temperature (6.[13])	_____ °F	_____ °F	_____ °F	34.5°F	36.2 °F	34.7 °F	29.2°F
End Time (6.[14])	_____	_____	_____	0928	0837	0745	0724
6.[14]	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: <u>STK</u> Operator: <u>LM</u>	Operator: <u>EP</u> Operator: <u>GM</u>	Operator: <u>EP</u> Operator: <u>GM</u>	Operator: <u>GT</u> Operator: <u>CG</u>

Comments: continue from Log-1246 Rev. 6 DTS of 11-18-15 @ 0920.

Date 191526

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6.[5] Date: From 11-19-15 to 11-22-15

6.[18] Performed by:

<u>Tina Aguirre</u>	<u>Signature</u>	Z#	Initials	Date
<u>Laura Martinez</u>	<u>Signature</u>	Z#	Initials	Date
<u>Edward Parker</u>	<u>Signature</u>	Z#	Initials	Date
<u>Gilbert Martinez</u>	<u>Signature</u>	Z#	Initials	Date
<u>Edward Parker</u>	<u>Signature</u>	Z#	Initials	Date
<u>Gilbert Martinez</u>	<u>Signature</u>	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>Signature</u>	Z#	Initials	Date

<u>Karen Martorella</u>	<u>Signature</u>	Z#	Initials	Date
<u>Laura Martinez</u>	<u>Signature</u>	Z#	Initials	Date
<u>Edward Parker</u>	<u>Signature</u>	Z#	Initials	Date
<u>Gilbert Martinez</u>	<u>Signature</u>	Z#	Initials	Date
<u>Edward Parker</u>	<u>Signature</u>	Z#	Initials	Date
<u>Gilbert Martinez</u>	<u>Signature</u>	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>Signature</u>	Z#	Initials	Date

10.1[2] Reviewed by:

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

Remediated Nitrate Salt Waste Container Monitoring

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ATTACHMENT 5

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TA-54-375 CELL 3 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET6.[5] Date: From 11-19-15 to 11-22-15

	Monday 6.[5] Start Time: _____	Tuesday 6.[5] Start Time: _____	Wednesday 6.[5] Start Time: _____	Thursday 6.[5] Start Time: <u>0930</u>	Friday 6.[5] Start Time: <u>0823</u>	Saturday 6.[5] Start Time: <u>0725</u>	Sunday 6.[5] Start Time: <u>0714</u>
TA-54-375 Cell 3							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____	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.[6])	_____ °F	_____ °F	_____ °F	<u>29.3</u> °F	<u>31.1</u> °F	<u>28.5</u> °F	<u>23.2</u> °F
Container ID #	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])
69519				<u>29.6</u>	<u>30.7</u>	<u>29.4</u>	<u>24.0</u>
69645				<u>29.8</u>	<u>30.7</u>	<u>29.4</u>	<u>24.2</u>
94068				<u>30.0</u>	<u>31.1</u>	<u>30.0</u>	<u>24.6</u>
93605				<u>29.8</u>	<u>31.2</u>	<u>30.0</u>	<u>24.1</u>
69548				<u>29.9</u>	<u>31.4</u>	<u>29.4</u>	<u>24.0</u>
69604				<u>29.3</u>	<u>31.4</u>	<u>30.0</u>	<u>23.7</u>
LASB50529				<u>29.9</u>	<u>31.5</u>	<u>30.4</u>	<u>24.1</u>
LASB50418				<u>29.7</u>	<u>31.1</u>	<u>29.6</u>	<u>23.8</u>
69036				<u>29.1</u>	<u>30.4</u>	<u>29.4</u>	<u>23.0</u>
LASB50451				<u>30.5</u>	<u>31.5</u>	<u>29.3</u>	<u>23.6</u>
69559				<u>29.1</u>	<u>31.5</u>	<u>30.5</u>	<u>24.5</u>
LASB50448				<u>30.1</u>	<u>31.5</u>	<u>29.9</u>	<u>24.1</u>
87827				<u>28.9</u>	<u>31.2</u>	<u>28.7</u>	<u>23.6</u>
87826				<u>29.4</u>	<u>31.8</u>	<u>28.4</u>	<u>23.4</u>
87823				<u>30.5</u>	<u>31.7</u>	<u>29.7</u>	<u>24.4</u>
87825				<u>29.5</u>	<u>31.5</u>	<u>29.9</u>	<u>24.5</u>

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6.[5] Date: From 11-18-15 to 11-22-15

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])
TA-54-375 Cell 3 (continued)							
Ambient Temperature (6.[13])	_____ °F	_____ °F	_____ °F	29.7 °F	31.7 °F	28.8 °F	23.2 °F
End Time (6.[14])	_____	_____	_____	0835	0827	0730	0716
6.[14]	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: DA Operator: LM	Operator: PD Operator: GM	Operator: EP Operator: GM	Operator: DA Operator: LM

Comments: continue from Dap. 1246 Rev 6. as of 11-18-15 @ 0920. -P 191526

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6.[18] Performed by:

<u>Lina Aguirre</u>	<u>Lina Aguirre</u>	<u>14977</u>	<u>Act 18-19-15</u>	
Operator (print)	Signature	Z#	Initials	Date
<u>Lina Aguirre</u>	<u>Lina Aguirre</u>	<u>14977</u>	<u>Act 18-19-15</u>	
Operator (print)	Signature	Z#	Initials	Date
<u>Edward Parker</u>	<u>Edward Parker</u>	<u>1404971</u>	<u>EP</u>	<u>11/20/15</u>
Operator (print)	Signature	Z#	Initials	Date
<u>Gilbert Martinez, M.D.</u>	<u>Gilbert Martinez, M.D.</u>	<u>1492351</u>	<u>GM</u>	<u>11/20/15</u>
Operator (print)	Signature	Z#	Initials	Date
<u>Edward Parker</u>	<u>Edward Parker</u>	<u>1404971</u>	<u>EP</u>	<u>11/21/15</u>
Operator (print)	Signature	Z#	Initials	Date
<u>Gilbert Martinez, M.D.</u>	<u>Gilbert Martinez, M.D.</u>	<u>1492351</u>	<u>GM</u>	<u>11/21/15</u>
Operator (print)	Signature	Z#	Initials	Date
<u>Lina Aguirre</u>	<u>Lina Aguirre</u>	<u>14977</u>	<u>Act</u>	<u>11/22/15</u>
Operator (print)	Signature	Z#	Initials	Date

<u>Lina Aguirre</u>	<u>Lina Aguirre</u>	<u>14977</u>	<u>Act 18-19-15</u>	
Operator (print)	Signature	Z#	Initials	Date
<u>Lina Aguirre</u>	<u>Lina Aguirre</u>	<u>14977</u>	<u>Act 18-19-15</u>	
Operator (print)	Signature	Z#	Initials	Date
<u>Lina Aguirre</u>	<u>Lina Aguirre</u>	<u>14977</u>	<u>Act 18-19-15</u>	
Operator (print)	Signature	Z#	Initials	Date
<u>Lina Aguirre</u>	<u>Lina Aguirre</u>	<u>14977</u>	<u>Act 18-19-15</u>	
Operator (print)	Signature	Z#	Initials	Date
<u>Lina Aguirre</u>	<u>Lina Aguirre</u>	<u>14977</u>	<u>Act 18-19-15</u>	
Operator (print)	Signature	Z#	Initials	Date
<u>Lina Aguirre</u>	<u>Lina Aguirre</u>	<u>14977</u>	<u>Act 18-19-15</u>	
Operator (print)	Signature	Z#	Initials	Date

10.1[2] Reviewed by:

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

ATTACHMENT 3
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TA-54-375 CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[5] Date: From 11-23-15 to 11-29-15

	Monday 6.[5] Start Time: <u>0857</u>	Tuesday 6.[5] Start Time: <u>0835</u>	Wednesday 6.[5] Start Time: <u>0754</u>	Thursday 6.[5] Start Time: <u>0725</u>	Friday 6.[5] Start Time: <u>0741</u>	Saturday 6.[5] Start Time: <u>0745</u>	Sunday 6.[5] Start Time: <u>0737</u>
TA-54-375 Cell 1							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-6-16</u> File Number <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-6-16</u> File Number <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-6-16</u> File Number <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-6-16</u> File Number <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-6-16</u> File Number <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-6-16</u> File Number <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-6-16</u> File Number <u>101974</u>
Ambient Temperature (6.[6])	<u>32.2</u> °F	<u>32.0</u> °F	<u>35.3</u> °F	<u>44.3</u> °F	<u>36.5</u> °F	<u>30.2</u> °F	<u>34.3</u> °F
Container ID #	Temp (°F) (6.[7]/6.[8])						
68685	<u>31.4</u>	<u>31.2</u>	<u>35.3</u>	<u>44.2</u>	<u>37.2</u>	<u>30.7</u>	<u>33.5</u>
68540	<u>31.0</u>	<u>30.7</u>	<u>35.2</u>	<u>44.1</u>	<u>37.6</u>	<u>29.6</u>	<u>33.6</u>
LA00000070503	<u>68553</u>	<u>31.9</u>	<u>31.0</u>	<u>35.7</u>	<u>44.7</u>	<u>37.4</u>	<u>30.6</u>
69445	<u>31.4</u>	<u>31.4</u>	<u>36.0</u>	<u>44.3</u>	<u>36.9</u>	<u>30.3</u>	<u>34.2</u>
69618	<u>31.3</u>	<u>31.6</u>	<u>35.5</u>	<u>44.4</u>	<u>37.2</u>	<u>31.5</u>	<u>34.8</u>
69013	<u>32.4</u>	<u>32.3</u>	<u>36.4</u>	<u>44.7</u>	<u>38.2</u>	<u>32.5</u>	<u>35.5</u>
LASB50522	<u>32.1</u>	<u>32.9</u>	<u>36.6</u>	<u>44.9</u>	<u>38.8</u>	<u>32.0</u>	<u>35.3</u>
LASB50452	<u>32.5</u>	<u>32.2</u>	<u>36.5</u>	<u>44.9</u>	<u>38.4</u>	<u>31.7</u>	<u>35.2</u>
LASB50431	<u>32.0</u>	<u>31.9</u>	<u>36.2</u>	<u>44.8</u>	<u>38.2</u>	<u>31.2</u>	<u>34.9</u>
LASB50069	<u>32.2</u>	<u>32.4</u>	<u>36.2</u>	<u>45.0</u>	<u>38.3</u>	<u>32.5</u>	<u>36.0</u>
LASB50073	<u>32.6</u>	<u>32.8</u>	<u>36.8</u>	<u>45.1</u>	<u>39.0</u>	<u>32.0</u>	<u>35.4</u>
69636	<u>32.0</u>	<u>32.2</u>	<u>36.5</u>	<u>45.1</u>	<u>38.7</u>	<u>32.2</u>	<u>35.2</u>
69616	<u>31.8</u>	<u>32.1</u>	<u>36.6</u>	<u>45.0</u>	<u>39.3</u>	<u>32.0</u>	<u>35.2</u>
69417	<u>31.8</u>	<u>32.1</u>	<u>36.6</u>	<u>45.0</u>	<u>38.2</u>	<u>31.9</u>	<u>35.3</u>

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DATE 11-23-15

Remediated Nitrate Salt Waste Container Monitoring

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6.[5] Date: From 11-23-15 to 11-29-15

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[7]/6.[8])						
TA-54-375 Cell 1 (continued)							
69620	32.7	32.3	36.5	45.4	38.5	31.4	35.1
69520	31.8	32.3	36.4	45.1	38.8	31.6	35.0
69641	32.1	32.1	36.5	45.0	38.9	31.3	35.5
69298	32.5	32.3	36.8	45.0	39.2	32.4	35.6
LASB02203	31.7	32.5	36.5	45.2	37.1	31.8	35.6
Ambient Temperature (6.[13])	32.6 °F	32.1 °F	35.6 °F	44.4 °F	36.5 °F	30.6 °F	34.5 °F
End Time (6.[14])	0901	0838	0758	0728	0743	0757	0742
6.[14]	Operator: <u>DH</u> Operator: <u>LLM</u>	Operator: <u>AT</u> Operator: <u>LLM</u>	Operator: <u>DA</u> Operator: <u>LLM</u>	Operator: <u>DH</u> Operator: <u>LLM</u>	Operator: <u>LLM</u> Operator: <u>AT</u>	Operator: <u>LLM</u> Operator: <u>AT</u>	Operator: <u>EP</u> Operator: <u>LLM</u>

Comments: information transferred from Rev 6 to Rev 7 (at 11-24-15)

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6.[5] Date: From 11-23-15 to 11-29-15

6.[18] Performed by:

<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>11-23-15</u>
Operator (print)	Signature	Z#
<u>Lean Montoya</u>	<u>Lean Montoya</u>	<u>11-23-15</u>
Operator (print)	Signature	Z#
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>11-24-15</u>
Operator (print)	Signature	Z#
<u>Lean Montoya</u>	<u>Lean Montoya</u>	<u>11-24-15</u>
Operator (print)	Signature	Z#
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>11-25-15</u>
Operator (print)	Signature	Z#
<u>Lean Montoya</u>	<u>Lean Montoya</u>	<u>11-25-15</u>
Operator (print)	Signature	Z#
<u>Lean Montoya</u>	<u>Lean Montoya</u>	<u>11-26-15</u>
Operator (print)	Signature	Z#

<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>11-25-15</u>
Operator (print)	Signature	Z#
<u>Tina Aguirre</u>	<u>Tina Aguirre</u>	<u>11-27-15</u>
Operator (print)	Signature	Z#
<u>Willie S. Lub</u>	<u>Willie S. Lub</u>	<u>11-27-15</u>
Operator (print)	Signature	Z#
<u>Willie S. Lub</u>	<u>Willie S. Lub</u>	<u>11-28-15</u>
Operator (print)	Signature	Z#
<u>Edward Charles</u>	<u>Edward Charles</u>	<u>11-28-15</u>
Operator (print)	Signature	Z#
<u>Lean Montoya</u>	<u>Lean Montoya</u>	<u>11-29-15</u>
Operator (print)	Signature	Z#

10.1[2] Reviewed by:

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

ATTACHMENT 4

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TA-54-375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[5] Date: From 11-23-15 to 11-29-15

	Monday 6.[5] Start Time: <u>0902</u>	Tuesday 6.[5] Start Time: <u>0839</u>	Wednesday 6.[5] Start Time: <u>0759</u>	Thursday 6.[5] Start Time: <u>0729</u>	Friday 6.[5] Start Time: <u>0744</u>	Saturday 6.[5] <u>0758</u> Start Time: <u>0745</u>	Sunday 6.[5] Start Time: <u>0743</u>
TA-54-375 Cell 2							
Calibrated Infrared Thermometer (4.2.1[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.[6])	<u>33.8</u> °F	<u>33.9</u> °F	<u>37.2</u> °F	<u>45.7</u> 0732 TO 45.7 <u>42.6</u>	<u>39.0</u> °F	<u>33.9</u> °F	<u>37.0</u> °F
Container ID #	Temp (°F) (6.[7]/6.[8])						
LASB02198	<u>34.0</u>	<u>33.7</u>	<u>37.9</u>	<u>45.7</u>	<u>41.4</u>	<u>35.2</u>	<u>36.9</u>
68638	<u>33.7</u>	<u>33.1</u>	<u>37.6</u>	<u>45.5</u>	<u>40.40</u>	<u>34.2</u>	<u>37.0</u>
69615	<u>33.6</u>	<u>33.3</u>	<u>37.6</u>	<u>47.0</u>	<u>40.40</u>	<u>34.1</u>	<u>36.8</u>
69635	<u>34.6</u>	<u>34.3</u>	<u>38.4</u>	<u>46.6</u>	<u>40.7</u>	<u>34.7</u>	<u>37.4</u>
69642	<u>34.0</u>	<u>33.7</u>	<u>37.5</u>	<u>46.0</u>	<u>39.4</u>	<u>35.3</u>	<u>36.4</u>
69630	<u>34.3</u>	<u>34.1</u>	<u>38.4</u>	<u>46.5</u>	<u>40.8</u>	<u>35.1</u>	<u>37.6</u>
69633	<u>34.7</u>	<u>34.8</u>	<u>38.5</u>	<u>46.8</u>	<u>41.4</u>	<u>35.3</u>	<u>38.2</u>
68430	<u>34.5</u>	<u>34.4</u>	<u>38.5</u>	<u>46.1</u>	<u>40.6</u>	<u>34.5</u>	<u>37.3</u>
68631	<u>34.9</u>	<u>34.2</u>	<u>38.1</u>	<u>46.0</u>	<u>40.5</u>	<u>34.2</u>	<u>36.8</u>
69634	<u>34.4</u>	<u>34.5</u> 34.5 <u>34.5</u>	<u>38.1</u>	<u>46.2</u>	<u>41.0</u>	<u>35.4</u>	<u>37.6</u>
68567	<u>33.4</u>	<u>33.3</u>	<u>38.1</u>	<u>46.3</u>	<u>40.8</u>	<u>36.2</u>	<u>37.1</u>
94227	<u>34.5</u>	<u>33.6</u>	<u>38.0</u>	<u>46.3</u>	<u>40.9</u>	<u>35.0</u>	<u>38.6</u>
LASB50442	<u>34.7</u>	<u>34.2</u>	<u>38.6</u>	<u>46.4</u>	<u>41.4</u>	<u>35.1</u>	<u>37.6</u>
69644	<u>34.6</u>	<u>34.6</u>	<u>39.1</u>	<u>46.2</u>	<u>41.4</u>	<u>35.4</u>	<u>37.9</u>
LASB50443	<u>34.8</u>	<u>34.8</u>	<u>38.2</u>	<u>46.4</u>	<u>41.2</u>	<u>35.5</u>	^{EP} <u>11-24-15 32-44</u> <u>37.4</u>
69638	<u>34.4</u>	<u>34.2</u>	<u>38.3</u>	<u>46.6</u>	<u>40.7</u>	<u>35.0</u>	<u>37.4</u>

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Z# 124977INITIAL CBDATE 11-23-15

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Remediated Nitrate Salt Waste Container Monitoring

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ATTACHMENT 4

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6.[5] Date: From 11-23-15 to 11-29-15

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[7]/6.[8])						
TA-54-375 Cell 2 (continued)							
68624	34.7	34.4	38.9	46.8	40.6	36.0	37.8
68507	34.1	34.0	39.1	46.6	40.4	35.0	37.6
69568	33.9	33.8	38.5	46.4	40.7	34.4	37.3
69553	33.4	33.3	37.9	46.2	40.3	34.2	37.1
69598	34.0	33.5	38.5	46.5	40.9	35.3	37.7
LASB50559	33.8	33.1	38.1	46.1	40.7	34.5	37.2
69015	33.8	34.0	39.0	46.4	40.7	34.7	37.7
69639	34.3	34.2	38.9	46.5	40.9	35.3	37.8
69637	34.2	34.0	38.7	46.2	41.1	34.8	37.7
Ambient Temperature (6.[13])	34.6 °F	34.2 °F	38.1 °F	46.5 °F	39.7 °F	33.7 °F	37.1 °F
End Time (6.[14])	0905	0842	0803	0732	0750	0809	0748
6.[14]	Operator: <u>AK</u> Operator: <u>LM</u>	Operator: <u>AK</u> Operator: <u>LM</u>	Operator: <u>DA</u> Operator: <u>LM</u>	Operator: <u>AK</u> Operator: <u>LM</u>	Operator: <u>DA</u> Operator: <u>AK</u>	Operator: <u>DA</u> Operator: <u>AK</u>	Operator: <u>EP</u> Operator: <u>LM</u>

Comments: information transferred from Rev. 6 to Rev. 7 (at 11-24-15)

Remediated Nitrate Salt Waste Container Monitoring

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ATTACHMENT 4

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6.[5] Date: From 11-23-15 to 11-29-15

6.[18] Performed by:

Tina Aguirre Tina Aguirre 174920 11-23-15
 Operator (print) Signature Z# Initials Date
Leon Montoya / 1191520 LM 11-23-15
Tina Aguirre Tina Aguirre 174920 11-24-15
 Operator (print) Signature Z# Initials Date
Leon Montoya / 1191520 LM 11-24-15
Tina Aguirre Tina Aguirre 174920 11-25-15
 Operator (print) Signature Z# Initials Date
Leon Montoya / 1191520 LM 11-25-15
Tina Aguirre Tina Aguirre 174920 11-26-15
 Operator (print) Signature Z# Initials Date
Leon Montoya / 1191520 LM 11-26-15
Tina Aguirre Tina Aguirre 174920 11-27-15
 Operator (print) Signature Z# Initials Date
Leon Montoya / 1191520 LM 11-27-15
Tina Aguirre Tina Aguirre 174920 11-28-15
 Operator (print) Signature Z# Initials Date
Leon Montoya / 1191520 LM 11-28-15
Tina Aguirre Tina Aguirre 174920 11-29-15
 Operator (print) Signature Z# Initials Date

Tina Aguirre Tina Aguirre 174920 11-26-15
 Operator (print) Signature Z# Initials Date
Willie J. Laib Willie J. Laib 1112907160X WJL 11-27-15
Tina Aguirre Tina Aguirre 174920 11-27-15
 Operator (print) Signature Z# Initials Date
Willie J. Laib Willie J. Laib 1112907160X WJL 11-28-15
Tina Aguirre Tina Aguirre 174920 11-28-15
 Operator (print) Signature Z# Initials Date
Edward Parker Edward Parker 110049716P EPP 11-28-15
Tina Aguirre Tina Aguirre 174920 11-29-15
 Operator (print) Signature Z# Initials Date
Leon Montoya / 1191520 LM 11-29-15

10.1[2] Reviewed by:

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

Remediated Nitrate Salt Waste Container Monitoring

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ATTACHMENT 5

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TA-54-375 CELL 3 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET6.[5] Date: From 11-23-15 to 11-29-15

	Monday 6.[5] Start Time: <u>0853</u>	Tuesday 6.[5] Start Time: <u>0832</u>	Wednesday 6.[5] Start Time: <u>0751</u>	Thursday 6.[5] Start Time: <u>0722</u>	Friday 6.[5] Start Time: <u>0731</u>	Saturday 6.[5] Start Time: <u>0734</u>	Sunday 6.[5] Start Time: <u>0731</u>
TA-54-375 Cell 3							
Calibrated Infrared Thermometer (4.2.1[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.[6])	<u>29.4</u> °F	<u>30.0</u> °F	<u>33.2</u> °F	<u>42.1</u> °F	<u>35.7</u> °F	<u>29.9</u> °F	<u>33.3</u> °F
Container ID #	Temp (°F) (6.[7]/6.[8])						
69519	<u>29.4</u>	<u>29.2</u>	<u>33.9</u>	<u>43.0</u>	<u>36.80</u>	<u>30.3</u>	<u>33.2</u>
69645	<u>29.6</u>	<u>29.4</u>	<u>34.4</u>	<u>43.7</u>	<u>37.10</u>	<u>30.7</u>	<u>33.5</u>
94068	<u>29.7</u>	<u>29.9</u>	<u>34.5</u>	<u>43.6</u>	<u>37.6</u>	<u>30.8</u>	<u>33.8</u>
93605	<u>29.8</u>	<u>29.7</u>	<u>34.2</u>	<u>43.7</u>	<u>37.0</u>	<u>30.4</u>	<u>33.9</u>
69548	<u>29.7</u>	<u>29.5</u>	<u>34.2</u>	<u>43.7</u>	<u>37.2</u>	<u>31.1</u>	<u>34.5</u>
69604	<u>29.8</u>	<u>29.7</u>	<u>34.4</u>	<u>43.8</u>	<u>37.7</u>	<u>31.0</u>	<u>34.2</u>
LASB50529	<u>29.9</u>	<u>29.6</u>	<u>34.3</u>	<u>43.6</u>	<u>37.4</u>	<u>31.1</u>	<u>34.3</u>
LASB50418	<u>29.5</u>	<u>29.3</u>	<u>34.2</u>	<u>43.2</u>	<u>37.1</u>	<u>30.3</u>	<u>33.5</u>
69036	<u>29.1</u>	<u>28.7</u>	<u>33.6</u>	<u>43.4</u>	<u>37.0</u>	<u>29.6</u>	<u>33.9</u>
LASB50451	<u>29.6</u>	<u>29.4</u>	<u>34.1</u>	<u>43.6</u>	<u>37.5</u>	<u>30.3</u>	<u>33.2</u>
69559	<u>29.9</u>	<u>29.6</u>	<u>34.4</u>	<u>43.6</u>	<u>37.7</u>	<u>30.9</u>	<u>33.6</u>
LASB50448	<u>30.0</u>	<u>29.7</u>	<u>34.0</u>	<u>43.6</u>	<u>37.6</u>	<u>31.0</u>	<u>33.5</u>
87827	<u>30.1</u>	<u>29.7</u>	<u>34.0</u>	<u>43.2</u>	<u>35.5 36.80</u>	<u>30.7</u>	<u>EPN-213-2.6 33.2</u>
87826	<u>29.5</u>	<u>29.1</u>	<u>33.3</u>	<u>43.1</u>	<u>36.70</u>	<u>30.5</u>	<u>EPN-213-33.6 32.6</u>
87823	<u>29.9</u>	<u>29.9</u>	<u>34.2</u>	<u>43.4</u>	<u>35.5</u>	<u>29.2</u>	<u>33.6</u>
87825	<u>29.9</u>	<u>29.8</u>	<u>34.2</u>	<u>43.4</u>	<u>35.20</u>	<u>29.1</u>	<u>33.4</u>

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Remediated Nitrate Salt Waste Container Monitoring

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6.[5] Date: From 11-23-15 to 11-29-15

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])	Temp (°F) (6.[7]/6.[8])
TA-54-375 Cell 3 (continued)							
Ambient Temperature (6.[13])	<u>30.2</u> °F	<u>29.7</u> °F	<u>33.9</u> °F	<u>43.5</u> °F	<u>36.0</u> °F	<u>30.1</u> °F	<u>33.1</u> °F
End Time (6.[14])	<u>0856</u>	<u>0737</u>	<u>0753</u>	<u>0724</u>	<u>0740</u>	<u>0741</u>	<u>0736</u>
6.[14]	Operator: <u>QAT</u> Operator: <u>LM</u>	Operator: <u>SA</u> Operator: <u>LM</u>	Operator: <u>QAT</u> Operator: <u>LM</u>	Operator: <u>QAT</u> Operator: <u>LM</u>	Operator: <u>WEC</u> Operator: <u>QAT</u>	Operator: <u>WEC</u> Operator: <u>QAT</u>	Operator: <u>ED</u> Operator: <u>LM</u>

Comments: information transferred from Rev 6 to Rev 7 (at 11-24-15)

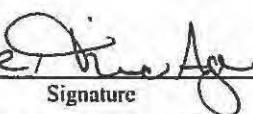
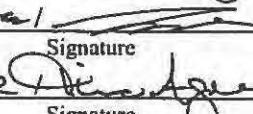
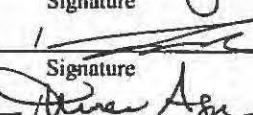
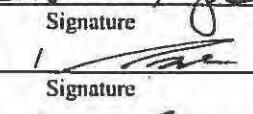
Remediated Nitrate Salt Waste Container Monitoring

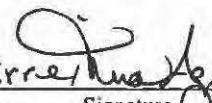
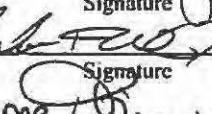
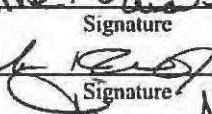
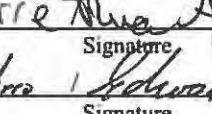
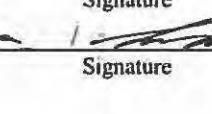
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6.[18] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Laura Montoya		1915261	L	11-23-15
Operator (print)	Signature	Z#	Initials	Date
Laura Montoya		1915261	L	11-24-15
Operator (print)	Signature	Z#	Initials	Date
Laura Montoya		1915261	L	11-24-15
Operator (print)	Signature	Z#	Initials	Date
Laura Montoya		1915261	L	11-25-15
Operator (print)	Signature	Z#	Initials	Date
Laura Montoya		1915261	L	11-25-15
Operator (print)	Signature	Z#	Initials	Date
Laura Montoya		1915261	L	11-26-15

Operator (print)	Signature	Z#	Initials	Date
Willie J. Clark		1915261	L	11-27-15
Operator (print)	Signature	Z#	Initials	Date
Willie J. Clark		1915261	L	11-27-15
Operator (print)	Signature	Z#	Initials	Date
Willie J. Clark		1915261	L	11-28-15
Operator (print)	Signature	Z#	Initials	Date
Willie J. Clark		1915261	L	11-28-15
Operator (print)	Signature	Z#	Initials	Date
Edward Padilla		1915261	L	11-29-15
Operator (print)	Signature	Z#	Initials	Date
Edward Padilla		1915261	L	11-29-15

10.1[2] Reviewed by:

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

ATTACHMENT 2

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

6.[4] Date: From 11-30-15 to 12-6-15

	Monday 6.[4] Start Time: <u>1337</u>	Tuesday 6.[4] Start Time: <u>1259</u>	Wednesday 6.[4] Start Time: <u>1331</u>	Thursday 6.[4] Start Time: <u>1312</u>	Friday 6.[4] Start Time: <u>1303</u>	Saturday 6.[4] Start Time: <u>1251</u>	Sunday 6.[4] Start Time: <u>1250</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>7-5-2018</u> File Number <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-5-18</u> File Number <u>101974</u>	Brand: <u>fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-5-18</u> File Number <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-5-18</u> File Number <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-5-18</u> File Number <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-5-18</u> File Number <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-5-18</u> File Number <u>101974</u>
Ambient Temperature (6.[5])	<u>39.1</u> °F	<u>39.8</u> °F	<u>41.5</u> °F	<u>44.3</u> °F	<u>45.6</u> °F	<u>48.6</u> °F	<u>44.2</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>37.7</u>	<u>37.5</u>	<u>41.3</u>	<u>43.3</u>	<u>45.7</u>	<u>47.6</u>	<u>43.6</u>
68540	<u>37.2</u>	<u>37.5</u>	<u>41.5</u>	<u>43.4</u>	<u>44.7</u>	<u>47.6</u>	<u>43.2</u>
LA00000070503	<u>68553</u>	<u>38.0</u>	<u>37.8</u>	<u>41.5</u>	<u>43.3</u>	<u>44.7</u>	<u>47.6</u>
69445	<u>38.5</u>	<u>38.4</u>	<u>42.0</u>	<u>44.0</u>	<u>44.5</u>	<u>48.3</u>	<u>43.7</u>
69618	<u>39.1</u>	<u>38.3</u>	<u>42.6</u>	<u>44.7</u>	<u>44.5</u>	<u>47.8</u>	<u>43.5</u>
69013	<u>38.9</u>	<u>38.1</u>	<u>41.3</u>	<u>43.9</u>	<u>45.1</u>	<u>47.2</u>	<u>43.0</u>
LASB50522	<u>38.6</u>	<u>38.0</u>	<u>40.6</u>	<u>43.3</u>	<u>43.6</u>	<u>47.6</u>	<u>43.16</u>
LASB50452	<u>38.6</u>	<u>38.0</u>	<u>40.8</u>	<u>42.7</u>	<u>43.9</u>	<u>47.2</u>	<u>43.0</u>
LASB50431	<u>38.3</u>	<u>37.9</u>	<u>40.1</u>	<u>42.6</u>	<u>42.9</u>	<u>46.2</u>	<u>43.2</u>
LASB50069	<u>38.7</u>	<u>37.7</u>	<u>41.0</u>	<u>42.2</u>	<u>42.9</u>	<u>46.0</u>	<u>44.1</u>
LASB50073	<u>38.3</u>	<u>36.9</u>	<u>39.8</u>	<u>42.4</u>	<u>43.4</u>	<u>46.7</u>	<u>42.1</u>
69636	<u>38.3</u>	<u>37.8</u>	<u>40.2</u>	<u>43.2</u>	<u>43.4</u>	<u>46.1</u>	<u>42.7</u>
69616	<u>39.2</u>	<u>37.8</u>	<u>40.6</u>	<u>43.7</u>	<u>42.6</u>	<u>46.0</u>	<u>42.8</u>
69417	<u>38.4</u>	<u>38.2</u>	<u>40.9</u>	<u>43.0</u>	<u>43.2</u>	<u>46.2</u>	<u>43.0</u>

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Z# 10907INITIAL ZDRDATE 11-30-15

ATTACHMENT 2
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6.[4] Date: From 11-30-15 to 11-30-15

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[6]/6.[7])						
TA-54-0375 Cell 1 (continued)							
69620	38.5	38.1	41.5	42.0	43.2	47.1	43.1
69520	38.4	37.1	41.6	42.0	43.8	47.1	42.8
69641	38.8	37.2	41.1	42.3	43.4	47.1	42.8
69298	38.4	38.5	40.3	42.5	42.6	46.6	42.4
LASB02203	38.0	37.1	40.4	42.1	42.1	46.6	43.1
End Time (6.[12])	1340	1302	1333	1315	1307	12:57	1257
6.[12]	NDO: <u>WT</u> NDO: <u>cm</u>	NDO: <u>WT</u> NDO: <u>cm</u>	NDO: <u>LB</u> NDO: <u>cm</u>	NDO: <u>QA</u> NDO: <u>GM</u>	NDO: <u>QA</u> NDO: <u>GM</u>	NDO: <u>MV</u> NDO: <u>CV</u>	NDO: <u>MV</u> NDO: <u>CV</u>

Comments:

ATTACHMENT 2
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6.[4] Date: From 11-30-15 to 11-30-15

6.[16] Performed by:

Willie J. Lamb	<u>1122071 LJM</u>	<u>11-30-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Leon Montoya	<u>11915261 LMN</u>	<u>11-30-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Tina Aguirre	<u>11915271 TAA</u>	<u>11-30-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Gilbert Martin	<u>1493351 GM</u>	<u>11-30-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Larry Brito	<u>1169512B</u>	<u>11-30-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Leon Montoya	<u>11915261 LMN</u>	<u>11-30-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Tina Aguirre	<u>11915271 TAA</u>	<u>11-30-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

Gilbert Martin	<u>1493351 GM</u>	<u>11-30-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Pearl Aguirre Tina Aguirre	<u>11915271 TAA</u>	<u>11-30-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Gilbert Martin	<u>1493351 GM</u>	<u>11-30-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Chris Vigil	<u>1630821 CV</u>	<u>11-30-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Michael Vigil	<u>12152671 MV</u>	<u>11-30-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Michael Vigil	<u>12152671 MV</u>	<u>11-30-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Chris Vigil	<u>1630821 CV</u>	<u>11-30-15</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 3
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TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 11-30-15 to 11-30-15 12-6-15

	Monday 6.[4] Start Time: <u>1341</u>	Tuesday 6.[4] Start Time: <u>1303</u>	Wednesday 6.[4] Start Time: <u>1335</u>	Thursday 6.[4] Start Time: <u>1311</u>	Friday 6.[4] Start Time: <u>1308</u>	Saturday 6.[4] Start Time: <u>1254</u>	Sunday 6.[4] Start Time: <u>1254</u>
TA-54-0375 Cell 2							
Calibrated infrared thermometer (4.2[1][B])	Brand: Fluke Model: 561 Cal. Due Date: 07-8-16 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date: 7-8-16 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date: 7-8-16 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date: 7-8-16 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date: 7-8-16 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date: 7-8-16 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date: 7-8-16 File Number 101916
Ambient Temperature (6.[5])	<u>39.7</u> 10.976 4.303 °F	<u>40.1</u> °F	<u>42.5</u> 2.215 25.425 °F	<u>45.3</u> °F	<u>45.0</u> °F	<u>48.0</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>39.4</u>	<u>38.6</u>	<u>41.0</u>	<u>43.9</u>	<u>43.1</u>	<u>47.4</u>	<u>43.3</u>
68638	<u>39.9</u>	<u>39.1</u>	<u>42.1</u>	<u>44.5</u>	<u>43.6</u>	<u>47.9</u>	<u>43.7</u>
69615	<u>40.5</u>	<u>40.1</u>	<u>42.4</u>	<u>45.2</u>	<u>44.1</u>	<u>48.1</u>	<u>42.5</u>
69635	<u>41.1</u>	<u>40.4</u>	<u>43.3</u>	<u>45.8</u>	<u>45.7</u>	<u>48.8</u>	<u>44.1</u>
69642	<u>41.4</u>	<u>40.4</u>	<u>44.7</u>	<u>46.5</u>	<u>47.0</u>	<u>49.1</u>	<u>45.3</u>
69630	<u>42.1</u>	<u>40.4</u>	<u>45.0</u>	<u>46.5</u>	<u>46.9</u>	<u>49.7</u>	<u>45.3</u>
69633	<u>41.7</u>	<u>39.5</u>	<u>43.1</u>	<u>44.5</u>	<u>45.3</u>	<u>47.4</u>	<u>43.7</u>
68430	<u>41.0</u>	<u>40.0</u>	<u>43.0</u>	<u>45.9</u>	<u>45.9</u>	<u>49.0</u>	<u>45.3</u>
68631	<u>40.5</u>	<u>39.4</u>	<u>42.5</u>	<u>45.0</u>	<u>46.3</u>	<u>47.7</u>	<u>43.9</u>
69634	<u>40.3</u>	<u>39.0</u>	<u>41.2</u>	<u>43.4</u>	<u>42.9</u>	<u>46.6</u>	<u>43.2</u>
68567	<u>40.3</u>	<u>38.6</u>	<u>41.2</u>	<u>43.4</u>	<u>42.5</u>	<u>46.8</u>	<u>43.5</u>
94227	<u>40.5</u>	<u>39.5</u>	<u>41.9</u>	<u>44.5</u>	<u>44.1</u>	<u>46.8</u>	<u>43.7</u>
LASB50442	<u>40.6</u>	<u>39.6</u>	<u>42.9</u>	<u>45.9</u>	<u>44.7</u>	<u>47.8</u>	<u>43.1</u>
69644	<u>41.0</u>	<u>40.3</u>	<u>42.6</u>	<u>45.9</u>	<u>44.4</u>	<u>47.8</u>	<u>43.7</u>
LASB50443	<u>40.8</u>	<u>40.3</u>	<u>43.5</u>	<u>45.3</u>	<u>44.1</u>	<u>47.9</u>	<u>43.5</u>
69638	<u>40.8</u>	<u>40.3</u>	<u>43.8</u>	<u>45.3</u>	<u>44.6</u>	<u>48.3</u>	<u>43.5</u>

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ATTACHMENT 3

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6.[4] Date: From 11-30-15 to 11-30-15

Container ID #	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	Temp (°F) (6.[6]/6.[7])						
TA-54-0375 Cell 2 (continued)							
68624	40.9	40.0	43.2	44.6	44.1	48.1	43.5
68507	40.7	39.8	42.8	44.6	43.2	48.4	43.4
69568	40.5	39.3	42.3	43.4	43.2	47.4	42.5
69553	40.2	38.5	41.5	44.6	43.1	45.9	41.9
69598	40.0	38.6	42.2	43.3	43.5	46.0	43.5
LASB50559	40.3	39.5	42.4	44.0	44.1	48.1	43.2
69015	40.8	40.0	42.7	44.9	44.5	47.9	43.6
69639	40.9	40.3	43.0	45.1	44.9	47.4	43.5
69637	41.2	40.4	43.6	46.0	45.1	48.6	44.3
End Time (6.[12])	13:55	13:07	13:38	13:20	13:11	12:55	12:58
6.[12]	NDO: <u>QA</u> NDO: <u>CM</u>	NDO: <u>QA</u> NDO: <u>GM</u>	NDO: <u>QB</u> NDO: <u>CM</u>	NDO: <u>QA</u> NDO: <u>GM</u>	NDO: <u>QA</u> NDO: <u>GM</u>	NDO: <u>MV</u> NDO: <u>CV</u>	NDO: <u>MV</u> NDO: <u>CV</u>

Comments:

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6.[4] Date: From 11-30-15 to 11-30-15

6.[16] Performed by:

Willie J. Lewis	1100071602	11-30-15	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Lynn Montoya	11015261	LM	11-30-15
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Tina Aguirre	17492701	TA	12-01-15
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Gilbert Martinez	14492351	GM	12-3-15
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Larry Brito	116405	LB	12-2-15
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Lynn Montoya	11015261	LM	12-2-15
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Tina Aguirre	17492701	TA	12-3-15
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

Gilbert Martinez	14492351	GM	12-3-15
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Tina Aguirre	17492701	TA	12-4-15
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Gilbert Martinez	14492351	GM	12-4-15
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Chris Vigil	103082	CV	12/5/15
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Michael Vigil	12152671	MV	Vehicles
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Michael Vigil	12152671	MV	12-6-15
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
Chris Vigil	103082	CV	12/6/15
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 SHEET6.[4] Date: From 11-30-15 to 11-30-15 to 12-6-15

Monday 6.[4] Start Time: <u>1334</u>	Tuesday 6.[4] Start Time: <u>1255</u>	Wednesday 6.[4] Start Time: <u>1326</u>	Thursday 6.[4] Start Time: <u>1309</u>	Friday 6.[4] Start Time: <u>1259</u>	Saturday 6.[4] Start Time: <u>12412</u>	Sunday 6.[4] Start Time: <u>1246</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>
Ambient Temperature (6.[5])	<u>40.7</u> °F	<u>30.0</u> °F	<u>38.8</u> °F	<u>42.7</u> °F	<u>42.4</u> °F	<u>41.5</u> °F
Container ID #	Temp (°F) (6.[6]/6.[7])					
69519	<u>36.7</u>	<u>35.4</u>	<u>38.4</u>	<u>41.2</u>	<u>42.3</u>	<u>44.5</u>
69645	<u>36.7</u>	<u>35.6</u>	<u>38.8</u>	<u>41.6</u>	<u>42.4</u>	<u>45.8</u>
94068	<u>36.8</u>	<u>35.9</u>	<u>39.0</u>	<u>41.5</u>	<u>41.5</u>	<u>45.2</u>
93605	<u>37.4</u>	<u>36.0</u>	<u>39.4</u>	<u>42.1</u>	<u>42.6</u>	<u>46.0</u>
69548	<u>36.9</u>	<u>36.0</u>	<u>39.7</u>	<u>42.0</u>	<u>42.6</u>	<u>45.4</u>
69604	<u>36.7</u>	<u>36.1</u>	<u>39.1</u>	<u>42.2</u>	<u>42.4</u>	<u>45.9</u>
LASB50529	<u>36.8</u>	<u>36.1</u>	<u>39.1</u>	<u>41.5</u>	<u>41.3</u>	<u>45.6</u>
LASB50418	<u>36.8</u>	<u>36.4</u>	<u>39.1</u>	<u>42.3</u>	<u>42.5</u>	<u>45.4</u>
69036	<u>37.2</u>	<u>36.2</u>	<u>39.2</u>	<u>42.2</u>	<u>43.6</u>	<u>46.1</u>
LASB50451	<u>37.0</u>	<u>36.6</u>	<u>39.3</u>	<u>42.7</u>	<u>42.8</u>	<u>46.5</u>
69559	<u>37.1</u>	<u>36.8</u>	<u>39.3</u>	<u>42.3</u>	<u>42.5</u>	<u>46.1</u>
LASB50448	<u>37.5</u>	<u>36.0</u>	<u>40.2</u>	<u>42.5</u>	<u>42.9</u>	<u>46.1</u>
87827	<u>36.7</u>	<u>36.0</u>	<u>39.1</u>	<u>41.4</u>	<u>41.4</u>	<u>45.1</u>

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6.[4] Date: From 11-30-15 to 11-30-15

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)							
			38.8	42.2	42.2	N/A	N/A
87826	36.9	36.1	39.1	41.5	41.5	41.2	45.6
87823	36.6	36.1	39.1	41.5	41.5	41.4	46.1
87825	36.7	36.0	40.0	41.0	41.0	41.9	45.1
End Time (6.[12])	1340	1258	1330	1311	1302	1249	1249
6.[12]	NDO: <u>WJC</u> NDO: <u>EM</u>	NDO: <u>JK</u> NDO: <u>GM</u>	NDO: <u>LB</u> NDO: <u>EM</u>	NDO: <u>QA</u> NDO: <u>GM</u>	NDO: <u>QA</u> NDO: <u>GM</u>	NDO: <u>MV</u> NDO: <u>CV</u>	NDO: <u>MV</u> NDO: <u>CV</u>

Comments:

ATTACHMENT 4

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6.[4] Date: From 11-30-15 to 11-30-15

6.[16] Performed by:

<u>Willie J. Cole</u>	<u>11/25/07</u>	<u>WKC</u>	<u>11-30-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Lou Montoya</u>	<u>11/9/15</u>	<u>LAM</u>	<u>11-30-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>11/4/15</u>	<u>TAA</u>	<u>11-01-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Gilbert Martinez</u>	<u>11/9/15</u>	<u>GJM</u>	<u>11-11-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Larry Brito</u>	<u>11/6/05</u>	<u>LB</u>	<u>11-2-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Lou Montoya</u>	<u>11/9/15</u>	<u>LAM</u>	<u>11-2-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>11/9/15</u>	<u>TAA</u>	<u>11-2-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

<u>Gilbert Martinez</u>	<u>11/9/15</u>	<u>GJM</u>	<u>11-3-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>11/9/15</u>	<u>TAA</u>	<u>11-4-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Gilbert Martinez</u>	<u>11/9/15</u>	<u>GJM</u>	<u>11-4-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Chris Vigil</u>	<u>11/5/15</u>	<u>CV</u>	<u>11-5-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Chris Vigil</u>	<u>11/5/15</u>	<u>CV</u>	<u>11-5-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Chris Vigil</u>	<u>11/5/15</u>	<u>CV</u>	<u>11-6-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Chris Vigil</u>	<u>11/5/15</u>	<u>CV</u>	<u>11-6-15</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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UET

Remediated Nitrate Salt Waste Container Monitoring

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ATTACHMENT 2

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TA-54-0375 CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET6.[4] Date: From 12-7-15 to 12-13-15

	Monday 6.[4] Start Time: <u>1315</u>	Tuesday 6.[4] Start Time: <u>1320</u>	Wednesday 6.[4] Start Time: <u>1317</u>	Thursday 6.[4] Start Time: <u>1316</u>	Friday 6.[4] Start Time: <u>1312</u>	Saturday 6.[4] Start Time: <u>1310</u>	Sunday 6.[4] Start Time: <u>1308</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>47.0</u> °F	<u>48.5</u> °F	<u>48.9</u> °F	<u>50.0</u> °F	<u>48.2</u> °F	<u>41.0</u> °F	<u>42.3</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])
68685	<u>46.1</u>	<u>48.1</u>	<u>49.2</u>	<u>50.1</u>	<u>48.4</u>	<u>43.0</u>	<u>44.1</u>
68540	<u>45.5</u>	<u>47.7</u>	<u>49.6</u>	<u>50.6</u>	<u>48.6</u>	<u>42.7</u>	<u>43.4</u>
LA00000070503	<u>68553</u>	<u>46.5</u>	<u>48.1</u>	<u>49.8</u>	<u>50.8</u>	<u>48.5</u>	<u>42.7</u>
69445	<u>46.0</u>	<u>48.8</u>	<u>50.4</u>	<u>51.4</u>	<u>48.6</u>	<u>43.2</u>	<u>43.5</u>
69618	<u>46.0</u>	<u>48.6</u>	<u>49.0</u>	<u>51.1</u>	<u>48.0</u>	<u>42.2</u>	<u>42.9</u>
69013	<u>45.6</u>	<u>47.5</u>	<u>49.6</u>	<u>50.6</u>	<u>48.3</u>	<u>43.5</u>	<u>43.6</u>
LASB50522	<u>45.1</u>	<u>47.1</u>	<u>49.1</u>	<u>50.6</u>	<u>48.5</u>	<u>43.8</u>	<u>44.2</u>
LASB50452	<u>45.1</u>	<u>45.3</u>	<u>49.1</u>	<u>50.1</u>	<u>48.4</u>	<u>43.7</u>	<u>43.5</u>
LASB50431	<u>44.3</u>	<u>46.2</u>	<u>48.5</u>	<u>49.7</u>	<u>48.5</u>	<u>43.5</u>	<u>43.8</u>
LASB50069	<u>44.3</u>	<u>46.3</u>	<u>48.6</u>	<u>49.9</u>	<u>48.4</u>	<u>43.7</u>	<u>44.2</u>
LASB50073	<u>43.6</u>	<u>47.0</u>	<u>48.4</u>	<u>49.1</u>	<u>48.2</u>	<u>43.8</u>	<u>43.8</u>
69636	<u>43.5</u>	<u>47.0</u>	<u>48.7</u>	<u>49.9</u>	<u>48.4</u>	<u>43.8</u>	<u>44.5</u>
69616	<u>45.3</u>	<u>46.1</u>	<u>48.6</u>	<u>49.5</u>	<u>48.3</u>	<u>44.0</u>	<u>44.4</u>
69417	<u>45.1</u>	<u>46.9</u>	<u>49.5</u>	<u>49.9</u>	<u>49.0</u>	<u>44.3</u>	<u>44.2</u>

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6.[4] Date: From 12-7-15 to 12-13-15

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])				
TA-54-0375 Cell 1 (continued)							
69620	44.3	46.5	48.2	51.2	48.4	48.4 43.6	44.6
69520	44.9	47.1	49.2	50.1	48.4	48.4 43.3	44.1
69641	45.0	47.2	49.2	49.9	48.4	43.0	44.2
69298	44.3	46.8	48.9	49.8	48.6	43.8	44.7
LASB02203	44.6	46.5	49.1	49.3	48.4	43.8	44.1
End Time (6.[12])	1316	1322	1320	1318	1321	1313	1315
6.[12]	NDO: <u>MV</u> NDO: <u>LM</u>	NDO: <u>GM</u> NDO: <u>LM</u>	NDO: <u>DA</u> NDO: <u>LM</u>	NDO: <u>EP</u> NDO: <u>DA</u>	NDO: <u>LOC</u> NDO: <u>DA</u>	NDO: <u>LOC</u> NDO: <u>DA</u>	NDO: <u>LOC</u> NDO: <u>DA</u>

Comments:

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6.[4] Date: From 12-7-13 to 12-13-15

6.[16] Performed by:

<u>Michael V. J.</u>	<u>MVJ</u>	<u>ZRS261 LMW 1/2/15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Leon Montoya / Leon</u>	<u>LJM</u>	<u>V915261 LMW 1/2-7-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Gilbert Martihau M/M GJ</u>	<u>GM</u>	<u>145235 GM 1/2-8-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Leon Montoya / Leon</u>	<u>LM</u>	<u>V915261 LM 1/2-8-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Tina Aquirre Tina Aquirre</u>	<u>TA</u>	<u>145261 TA 1/2-9-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Leon Montoya / Leon</u>	<u>LM</u>	<u>V915261 LM 1/2-9-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Tina Aquirre Tina Aquirre</u>	<u>TA</u>	<u>145261 TA 1/2-10-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

<u>William Parker & Edward Parker</u>	<u>WP&EP</u>	<u>104971 ED 1/2-10-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Wilber J. Cook / Wilber</u>	<u>WJC</u>	<u>112902 WJC 1/2-11-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Tina Aquirre Tina Aquirre</u>	<u>TA</u>	<u>145261 TA 1/2-11-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Wilber J. Cook / Wilber</u>	<u>WJC</u>	<u>112902 WJC 1/2-12-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Juan Garcia / Juan</u>	<u>JG</u>	<u>169840 JG 1/2-12-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Wilber J. Cook / Wilber</u>	<u>WJC</u>	<u>112902 WJC 1/2-12-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Tina Aquirre / Tina Aquirre</u>	<u>TA</u>	<u>145261 TA 1/2-13-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

10.1[2] Reviewed by:

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

ATTACHMENT 3

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TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET6.[4] Date: From 12-7-15 to 12-13-15

	Monday 6.[4] Start Time: <u>1318</u>	Tuesday 6.[4] Start Time: <u>1323</u>	Wednesday 6.[4] Start Time: <u>1321</u>	Thursday 6.[4] Start Time: <u>1319</u>	Friday 6.[4] Start Time: <u>1322</u>	Saturday 6.[4] Start Time: <u>1314</u>	Sunday 6.[4] Start Time: <u>1316</u>
TA-54-0375 Cell 2							
Calibrated infrared thermometer (4.2[1][B])	Brand: Fluke Model: 561 Cal. Due Date: 07/08/16 File Number 101916	Brand: FLUKE Model: 561 Cal. Due Date: 7/8/16 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date: 7-8-16 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date: 7-8-16 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date: 7-8-16 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date: 7-8-16 File Number 101916	Brand Fluke Model: 561 Cal. Due Date: 7-8-16 File Number 101916
Ambient Temperature (6.[5])	<u>47.1</u> °F	<u>48.15</u> °F	<u>49.4</u> °F	<u>50.4</u> °F	<u>48.2</u> °F	<u>47.6</u> °F	<u>47.1</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>45.2</u>	<u>47.2</u>	<u>48.2</u>	<u>47.2</u>	<u>48.3</u>	<u>41.9</u>	<u>42.3</u>
68638	<u>45.9</u>	<u>48.0</u>	<u>48.6</u>	<u>49.3</u>	<u>48.8</u>	<u>46.8</u>	48.2 43.2
69615	<u>46.7</u>	<u>48.3</u>	<u>49.7</u>	<u>50.4</u>	<u>49.4</u>	<u>43.1</u>	<u>44.3</u>
69635	<u>47.6</u>	<u>49.0</u>	<u>50.5</u>	<u>51.0</u>	<u>49.8</u>	<u>42.8</u>	<u>44.0</u>
69642	<u>48.7</u>	<u>50.5</u>	<u>51.3</u>	<u>51.9</u>	<u>49.9</u>	<u>44.0</u>	<u>45.2</u>
69630	<u>49.9</u>	<u>50.7</u>	<u>50.4</u>	<u>51.3</u>	<u>49.4</u>	<u>43.0</u>	<u>44.0</u>
69633	<u>46.3</u>	<u>47.8</u>	<u>49.1</u>	<u>50.0</u>	<u>48.9</u>	<u>42.8</u>	<u>45.2</u>
68430	<u>47.0</u>	<u>48.7</u>	<u>49.4</u>	<u>49.7</u>	<u>49.2</u>	<u>42.0</u>	<u>44.0</u>
68631	<u>46.3</u>	<u>48.1</u>	<u>48.8</u>	<u>49.5</u>	<u>48.2</u>	<u>41.7</u>	<u>42.8</u>
69634	<u>44.8</u>	<u>46.7</u>	<u>42.7</u>	<u>47.9</u>	<u>48.1</u>	<u>41.8</u>	<u>42.8</u>
68567	<u>45.1</u>	<u>47.0</u>	<u>47.4</u>	<u>48.1</u>	<u>48.0</u>	<u>41.1</u>	<u>42.6</u>
94227	<u>45.5</u>	<u>47.6</u>	<u>48.0</u>	<u>49.0</u>	<u>48.6</u>	<u>41.8</u>	<u>41.7</u>
LASB50442	<u>46.1</u>	<u>48.2</u>	<u>48.7</u>	<u>49.5</u>	<u>48.6</u>	<u>42.7</u>	<u>41.1</u>
69644	<u>46.3</u>	<u>47.9</u>	<u>49.2</u>	<u>49.4</u>	<u>48.7</u>	<u>42.5</u>	<u>41.8</u>
LASB50443	<u>46.4</u>	<u>48.9</u>	<u>49.0</u>	<u>49.8</u>	<u>48.9</u>	<u>41.8</u>	<u>42.9</u>
69638	<u>46.6</u>	<u>44.8</u>	<u>49.8</u>	<u>50.3</u>	<u>48.7</u>	<u>41.8</u>	44.2 42.5

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6.[4] Date: From 12-7-15 to 12-13-15

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])				
TA-54-0375 Cell 2 (continued)							
68624	47.0	47.1	49.3	49.6	48.7	41.8	42.5-42.1
68507	46.0	47.7	48.5	49.2	48.6-48.7	41.2	41.9
69568	45.7	46.0	48.5	49.2	48.6	41.2	42.1
69553	44.9	46.5	47.5	47.5	48.4	41.6	42.4
69598	45.6	46.5	48.5	48.1	48.4	40.8	41.9
LASB50559	46.0	46.0	49.0	47.9	48.7	42.5	42.3
69015	46.3	48.3	48.6	49.0	48.9	41.9	42.3
69639	45.7	47.0	49.4	49.9	49.0	41.8	42.8
69637	47.5	48.3	49.5	49.6-49.9	49.2	41.8	43.1
End Time (6.[12])	1320	1326	1324	1320	1320	1317	
6.[12]	NDO: <u>MJ</u> NDO: <u>Lm</u>	NDO: <u>GM</u> NDO: <u>Lm</u>	NDO: <u>AT</u> NDO: <u>Lm</u>	NDO: <u>EP</u> NDO: <u>AT</u>	NDO: <u>WDC</u> NDO: <u>AT</u>	NDO: <u>LP</u> NDO: <u>JY</u>	NDO: <u>LL</u> NDO: <u>AT</u>

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6.[4] Date: From 12-7-15 to 12-13-15

6.[16] Performed by:

Michael Vigt

Nitrate Drum Observer (print) Signature

12152671 MV 112/7/15

Z# Initials Date

Laura Montoya

Nitrate Drum Observer (print) Signature

11915261 LM 112-7-15

Z# Initials Date

Gilbert Martinez

Nitrate Drum Observer (print) Signature

119152751 GM 112-8-15

Z# Initials Date

Laura Montoya

Nitrate Drum Observer (print) Signature

11915261 LM 112-8-15

Z# Initials Date

Tina Aguirre

Nitrate Drum Observer (print) Signature

11915271 TA 112-9-15

Z# Initials Date

Laura Montoya

Nitrate Drum Observer (print) Signature

11915261 LM 112-9-15

Z# Initials Date

Tina Aguirre

Nitrate Drum Observer (print) Signature

11915271 TA 112-9-15

Z# Initials Date

Laura Montoya

Nitrate Drum Observer (print) Signature

11915261 LM 112-9-15

Z# Initials Date

Tina Aguirre

Nitrate Drum Observer (print) Signature

11915271 TA 112-10-15

Z# Initials Date

Edward Portera

Nitrate Drum Observer (print) Signature

11004971 EP 112-10-15

Z# Initials Date

Willie J. Ceballos

Nitrate Drum Observer (print) Signature

112907-VJC 112-11-15

Z# Initials Date

Tina Aguirre

Nitrate Drum Observer (print) Signature

114927-TA 112-11-15

Z# Initials Date

Wilfredo Ceballos

Nitrate Drum Observer (print) Signature

112907-1 WC 112-11-15

Z# Initials Date

Jan Garcia

Nitrate Drum Observer (print) Signature

11698401 JG 112-12-15

Z# Initials Date

Wilfredo Ceballos

Nitrate Drum Observer (print) Signature

112907-1 WC 112-12-15

Z# Initials Date

Tina Aguirre

Nitrate Drum Observer (print) Signature

114927-TA 112-12-15

Z# Initials Date

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 12-7-15 to 12-18-15

Monday 6.[4] Start Time: <u>1300</u>	Tuesday 6.[4] Start Time: <u>1316</u>	Wednesday 6.[4] Start Time: <u>1314</u>	Thursday 6.[4] Start Time: <u>1311</u>	Friday 6.[4] Start Time: <u>1300</u>	Saturday 6.[4] Start Time: <u>1301</u>	Sunday 6.[4] Start Time: <u>1300</u>
--	---	---	--	--	--	--

TA-54-0375 Cell 3

Calibrated infrared thermometer (4.2.[1][B])	Brand: Fluke Model: 561 Cal. Due Date 07-07-16 File Number 040986	Brand: Fluke Model: 561 Cal. Due Date 07-07-16 File Number 040986	Brand: Fluke Model: 561 Cal. Due Date 07-07-16 File Number 040986	Brand: Fluke Model: 561 Cal. Due Date 7-7-16 File Number 040986	Brand: Fluke Model: 561 Cal. Due Date 7-7-16 File Number 040986	Brand: Fluke Model: 561 Cal. Due Date 7-7-16 File Number 040986
Ambient Temperature (6.[5])	<u>44.0</u> °F	<u>44.9</u> °F	<u>45.7</u> °F	<u>46.4</u> °F	<u>45.4</u> °F	<u>36.5</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])
69519	<u>42.6</u>	<u>45.1</u>	<u>45.0</u>	<u>46.2</u>	<u>45.6</u>	<u>37.0</u>
69645	<u>43.5</u>	<u>46.3</u>	<u>45.5</u>	<u>46.3</u>	<u>45.7</u>	<u>37.0</u>
94068	<u>44.2</u>	<u>45.4</u>	<u>45.6</u>	<u>45.1</u>	<u>45.7</u>	<u>37.1</u>
93605	<u>44.3</u>	<u>45.9</u>	<u>46.0</u>	<u>46.6</u>	<u>46.1</u>	<u>37.0</u>
69548	<u>43.9</u>	<u>45.9</u>	<u>45.8</u>	<u>45.9</u>	<u>46.0</u>	<u>36.9</u>
69604	<u>43.9</u>	<u>45.5</u>	<u>45.6</u>	<u>46.5</u>	<u>45.7</u>	<u>37.1</u>
LASB50529	<u>43.7</u>	<u>45.8</u>	<u>45.8</u>	<u>46.0</u>	<u>45.8</u>	<u>37.1</u>
LASB50418	<u>43.6</u>	<u>45.4</u>	<u>45.9</u>	<u>46.3</u>	<u>45.8</u>	<u>37.0</u>
69036	<u>44.3</u>	<u>46.5</u>	<u>45.6</u>	<u>46.5</u>	<u>46.2</u>	<u>36.6</u>
LASB50451	<u>44.5</u>	<u>46.2</u>	<u>46.0</u>	<u>46.6</u>	<u>46.3</u>	<u>36.8</u>
69559	<u>44.0</u>	<u>45.9</u>	<u>46.9</u>	<u>46.6</u>	<u>46.6</u>	<u>37.1</u>
LASB50448	<u>43.8</u>	<u>46.5</u>	<u>46.3</u>	<u>46.8</u>	<u>46.4</u>	<u>37.0</u>
87827	<u>43.5</u>	<u>45.5</u>	<u>45.5</u>	<u>46.9</u>	<u>46.1</u>	<u>37.0</u>

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6.[4] Date: From 12-7-15 to 12-7-15

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	44.2	44.7	45.2	45.8	46.4	36.6	37.3
87823	43.9	44.8	45.6	46.4	46.3	37.9	36.7
87825	44.9	46.4	46.4	47.0	46.4	35.5	36.4
End Time (6.[12])	<u>1313</u>	<u>1319</u>	<u>1316</u>	<u>1314</u>	<u>1310</u>	<u>1308</u>	<u>1307</u>
6.[12]	NDO: <u>MJ</u> NDO: <u>Lam</u>	NDO: <u>GM</u> NDO: <u>Lam</u>	NDO: <u>TP</u> NDO: <u>Lam</u>	NDO: <u>EP</u> NDO: <u>CH</u>	NDO: <u>COPC</u> NDO: <u>CH</u>	NDO: <u>CO20</u> NDO: <u>CH</u>	NDO: <u>CR</u> NDO: <u>CH</u>

Comments:

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6.[4] Date: From 12-7-15 to 12-15-15

6.[16] Performed by:

<u>Michael Vigt</u>	<u>12152671 MW</u>	<u>112/7/15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Cesar Montoya</u>	<u>11915261 LM</u>	<u>112-7-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Gilbert Martinez</u>	<u>11452351 LM</u>	<u>112-8-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Cesar Montoya</u>	<u>11915261 LM</u>	<u>112-8-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>11452701 DA</u>	<u>112-9-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Cesar Montoya</u>	<u>11915261 LM</u>	<u>112-9-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>11452701 DA</u>	<u>112-10-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

<u>Edward Parker</u>	<u>11452701 ED</u>	<u>112-10-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Willie J. Lopez</u>	<u>11125071 LA</u>	<u>112-11-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>11452701 TA</u>	<u>112-11-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Willie J. Lopez</u>	<u>11125071 LA</u>	<u>112-12-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Juan Garcia</u>	<u>11691840 JG</u>	<u>112-12-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Willie J. Lopez</u>	<u>11125071 LA</u>	<u>112-13-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>11452701 DA</u>	<u>112-13-15</u>	
Nitrate Drum Observer (print) Signature	Z#	Initials	Date

10.1[2] Reviewed by:

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

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TA-54-0375 CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET6.[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: _____	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>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 _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number _____
Ambient Temperature (6.[5])	<u>43.4</u> °F	<u>38.9</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])
68685	<u>45.1</u>	<u>42.1</u>					
68540	<u>45.0</u>	<u>41.3</u>					
LA00000070503	<u>45.0</u>	<u>42.2</u>					
69445	<u>45.0</u>	<u>41.6</u>					
69618	<u>45.3</u>	<u>39.9</u>					
69013	<u>45.3</u>	<u>42.1</u>					
LASB50522	<u>45.4</u>	<u>43.5</u>					
LASB50452	<u>45.5</u>	<u>43.3</u>					
LASB50431	<u>45.1</u>	<u>42.2</u>					
LASB50069	<u>45.3</u>	<u>42.6</u>					
LASB50073	<u>45.6</u>	<u>42.8</u>					
69636	<u>45.5</u>	<u>43.5</u>					
69616	<u>45.6</u>	<u>43.1</u>					
69417	<u>45.7</u>	<u>43.5</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					
69520	45.7	41.7					
69641	45.4	42.7					
69298	45.3	42.9					
LASB02203	45.3	43.7					
End Time (6.[12])	1332	1330					
6.[12]	NDO: <u>GM</u> NDO: <u>GM</u>	NDO: <u>GM</u> NDO: <u>LM</u>	NDO: _____ NDO: _____				

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

6.[16] Performed by:

<u>Juan Garcia</u>	<u>Juan Garcia</u>	<u>169840</u>	<u>J</u>	<u>12-14-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date	
<u>Gilbert Martinez</u>	<u>G M. J.</u>	<u>149235</u>	<u>G M</u>	<u>12-14-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date	
<u>Gilbert Martinez</u>	<u>G M. J.</u>	<u>149235</u>	<u>G M</u>	<u>12-15-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date	
<u>Lean Munoz</u>	<u>L M.</u>	<u>1191526</u>	<u>L M.</u>	<u>12-15-15</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
/	/	/	/
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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ATTACHMENT 3

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TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET6.[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: _____	Thursday 6.[4] Start Time: _____	Friday 6.[4] Start Time: _____	Saturday 6.[4] Start Time: _____	Sunday 6.[4] Start Time: _____
TA-54-0375 Cell 2							
Calibrated infrared thermometer (4.2[1][B])	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number <u>101916</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-8-16</u> File Number <u>101916</u>	Brand: _____ Model: _____ Cal. Due Date: _____ File Number _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number _____
Ambient Temperature (6.[5])	<u>43.8</u> °F <u>38.1</u> <u>12-15-15</u>	<u>38.1</u> <u>12-15-15</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>					
68638	<u>44.8</u>	<u>39.5</u>					
69615	<u>45.7</u>	<u>39.7</u>					
69635	<u>45.7</u>	<u>40.4</u>					
69642	<u>47.4</u>	<u>40.4</u>					
69630	<u>46.2</u>	<u>39.9</u>					
69633	<u>44.8</u>	<u>39.5</u>					
68430	<u>44.1</u>	<u>36.6</u>					
68631	<u>44.1</u>	<u>39.7</u>					
69634	<u>43.8</u>	<u>36.9</u>					
68567	<u>43.7</u>	<u>37.4</u>					
94227	<u>43.1</u>	<u>37.9</u>					
LASB50442	<u>43.7</u>	<u>38.0</u>					
69644	<u>44.0</u>	<u>39.1</u>					
LASB50443	<u>44.5</u>	<u>37.9</u>					
69638	<u>43.8</u>	<u>37.9</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					
68507	44.7	37.1					
69568	43.7	37.5					
69553	42.9	37.8					
69598	44.0	37.4					
LASB50559	44.2	37.6					
69015	44.8	37.9					
69639	44.8	37.9					
69637	45.0	38.3					
End Time (6.[12])	1339	1335					
6.[12]	NDO: <u>GM</u> NDO: <u>LM</u>	NDO: <u>GM</u> NDO: <u>LM</u>	NDO: _____ NDO: _____				

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

6.[16] Performed by:

Juan Garcia	<i>Juan Garcia</i>	169840	/	12-14-15
Nitrate Drum Observer (print) Signature	Z#	Initials	Date	
Gilbert Martinez	<i>Gilbert Martinez</i>	149235	/	12-14-15
Nitrate Drum Observer (print) Signature	Z#	Initials	Date	
Gilbert Martinez	<i>Gilbert Martinez</i>	149235	/	12-15-15
Nitrate Drum Observer (print) Signature	Z#	Initials	Date	
Leon Montoya	<i>Leon Montoya</i>	1191526	/	12-15-15
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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TA-54-0375 CELL 3 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET6.[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: _____	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>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: _____ 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>38.3</u> °F	<u>29.8</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])
69519	<u>37.6</u>	<u>30.3</u>				
69645	<u>37.6</u>	<u>30.5</u>				
94068	<u>37.6</u>	<u>30.5</u>				
93605	<u>38.0</u>	<u>30.5</u>				
69548	<u>37.9</u>	<u>30.4</u>				
69604	<u>37.9</u>	<u>30.5</u>				
LASB50529	<u>37.8</u>	<u>30.6</u>				
LASB50418	<u>37.9</u>	<u>37.7</u>	<u>30.4</u>			
69036	<u>37.9</u>	<u>29.9</u>				
LASB50451	<u>37.9</u>	<u>30.2</u>				
69559	<u>38.1</u>	<u>30.6</u>				
LASB50448	<u>38.1</u>	<u>30.9</u>				
87827	<u>37.6</u>	<u>30.4</u>				

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ATTACHMENT 4

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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	<u>37.6</u>	<u>30.3</u>					
87823	<u>37.6</u>	<u>29.8</u>					
87825	<u>31.9</u>	<u>29.4</u>					
End Time (6.[12])	<u>1325</u>	<u>1328</u>					
6.[12]	NDO: <u>ABM</u> NDO: <u>ABM</u>	NDO: <u>Gm</u> NDO: <u>cm</u>	NDO: _____ NDO: _____				

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

6.[16] Performed by:

<u>Juan Garcia</u>	<u>Juan Garcia</u>	<u>169890</u>	<u>J</u>	<u>12-14-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date	
<u>Gilbert Martinez</u>	<u>Gilbert Martinez</u>	<u>149281</u>	<u>Gm</u>	<u>12-14-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date	
<u>Gilbert Martinez</u>	<u>Gilbert Martinez</u>	<u>149281</u>	<u>Gm</u>	<u>12-15-15</u>
Nitrate Drum Observer (print) Signature	Z#	Initials	Date	
<u>Leon Maruya</u>	<u>Leon Maruya</u>	<u>169890</u>	<u>LM</u>	<u>12-15-15</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
/	/	/	/
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