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Sent: Thursday, July 09, 2015 5:53 PM

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Subject: Weekly Technical Submission - July 3 to July 9, 2015

Attached is the written weekly technical submission for July 3, 2015 – July 9, 2015. The Permittees are submitting the attached information pursuant to: Section 19 of the May 19, 2014, *Administrative Order*; the July 10, 2014, April 27, 2015 and May 8, 2015 letters from NMED 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*.

Please contact me if additional information would be helpful.

Cathy Juarez for

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NMED / LANL Technical Summary

July 3, 2015 – July 9, 2015

Participants:

- New Mexico Environment Department: Neelam Dhawan, Siona Briley and Ricardo Maestas.
- LANL – NNSA- Los Alamos Field Office: Gene Turner and Jordan Arnsward.
- Environmental Management- Los Alamos Field Office (EM-LA): Lee Bishop and Karen Armijo.
- LANL – Los Alamos National Security: Alison Dorries, Bruce Robinson, Tony Grieggs, Mark Haagenstad, Luciana Vigil-Holterman, Lydia Martinez and Cathy Juarez.

LANL Technical Update:

- **Location of Nitrate Salt-Bearing Wastes**
 - Remediated nitrate salt-bearing waste containers (55 SWBs and 4 POCs).
 - All containers remain in the 375 Permacon.
- **Monitoring - Daily Temperature**
 - Temperatures are currently below 90°F.
 - Previous 7 days' temperature data attached.
- **Monitoring – Visual Inspections**
 - No abnormal conditions were observed.
- **Monitoring – headspace gas (HSG)**
 - Containers (SWBs) 68685 and SB50522.
 - Continue daily head space gas (HSG) sample collection.
 - July 3-9, 2015 HSG data (H₂, CO, CO₂ and N₂O) attached.
 - Other containers:
 - A minimum of once per month HSG sampling will be conducted.
 - To date in July, LANL has conducted HSG sampling on 27 containers.
- **Additional measures currently underway**
 - As a conservative measure, LANL is currently conducting additional monitoring. This additional monitoring includes:
 - Containers (SWBs) 68685 and SB50522.
 - LANL continuing *solid phase micro-extraction*.
 - Hourly temperature measurements are currently being performed on SWB 68685 and SB50522.
 - Five other SWB overpacks (containing 55-gallon drums of remediated nitrate salt-bearing waste) and four nitrate salt-bearing waste POCs.
 - Twice-weekly HSG sample collection.
 - July 6 and July 9, 2015 HSG data (H₂, CO, CO₂ and N₂O) attached.

- **Anticipated Changes to Nitrate Salt-Bearing Waste Containers (e.g. movement, re-packaging)**
 - Currently, no further movements or re-packaging are occurring.

Other:

- On Monday, July 6, 2015 the NMED-HWB was notified via email of the power outage expected to occur at Dome 375 in support of the upgrade to the supplemental cooling system.
- The power outage for Dome 375 occurred on July 8, 2015. The outage lasted approximately 3 hours and all operations were returned to normal.

Next Call: Thursday, July 23, 2015

Summary Chart - Requested Information / Pending Issues:

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

	Requested Information	Actionee	Status	Completion Date
12.	Follow-up with Tim Hall regarding LANL Hazardous Waste Facility Permit and procedures that LANL is developing for possible future sampling of empty parent containers and unremediated nitrate salt-bearing containers at LANL.	LANL	---	<p>Complete</p> <p>Empty Parent June 16, 2014</p> <p>Unremediated August 14, 2014 (Supplemental information discussed on sampling of parent containers)</p> <p>August 26, 2014 (Letter on applicability of LANL HWFP for opening waste containers)</p>

	Requested Information	Actionee	Status	Completion Date
13.	<p>Respond to NMED email request for information associated with the nitrate salt-bearing parent and daughter waste containers.</p> <p>WIPP Recovery Daily Meeting Action List item #84 – NMED requested a copy of the LANL remediation records for waste stored in Panel 6 (Trais Kliphuis) – is a subset of the information in item 5 of this action.</p>	LANL	---	<p>Complete</p> <p>July 9, 2014 (Letter sent addressing items 1-4 and 6-9 of the email request)</p> <p>July 17, 2014 (Letter sent with updated spreadsheet)</p> <p>August 7, 2014 (First submittal in response to item 5)</p> <p>August 14, 2014 (Letter addressing items 2 & 8 - Second submittal in response to item 5)</p> <p>August 18, 2014 (Third submittal in response to item 5)</p> <p>August 21, 2014 (Fourth submittal in response to item 5)</p> <p>August 27, 2014 (Fifth submittal in response to item 5)</p> <p>September 4, 2014 (Sixth submittal in response to item 5)</p> <p>September 9, 2014 (Seventh submittal in response to item 5)</p> <p>September 11, 2014 (Eighth submittal in response to item 5)</p> <p>September 22, 2014 (Ninth submittal in response to item 5)</p> <p>September 23, 2014 (Tenth submittal in response to item 5)</p> <p>October 1, 2014 (Eleventh submittal in response to item 5)</p> <p>October 8, 2014 (Twelfth submittal in response to item 5)</p> <p>October 16, 2014 (Thirteenth submittal in response to item 5)</p> <p>October 23, 2014 (Fourteenth submittal in response to item 5)</p> <p>October 27, 2014 (Fifteenth submittal in response to item 5)</p> <p>October 28, 2014 (Sixteenth submittal in response to item 5)</p> <p>November 3, 2014 (Seventeenth submittal in response to item 5)</p>

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

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

	Requested Information	Actionee	Status	Completion Date
36.	NMED request regarding LANL Causal Analysis associated with processing of nitrate salt-bearing waste at WCRRF – when document is Final.	LANL	Document is currently Draft.	
37.	NMED requested a diagram illustrating the current locations within the 375 Permacon of the 55 SWBs that contain the 57 remediated nitrate salt-bearing waste containers. NMED also requested a list of these 55 SWBs and the waste drums within each SWB (including the container numbers and waste stream type).	LANL	---	Complete October 27, 2014 (Diagram submitted) November 3, 2014 (Table submitted) November 20, 2014 (Revised table submitted)

	Requested Information	Actionee	Status	Completion Date
38.	NMED requested documentation regarding CIN01.001 waste containers that are not part of the September 19, 2014 Nitrate Salts-Bearing Waste Container Isolation Plan, Revision 2.	LANL	In Progress LANL will submit this documentation in batches as it is becomes available.	Submitted 100 out of 586 RTRs and documentation on October 3, 2014. Submitted documentation for 101-200 containers on October 10, 2014. Submitted documentation for 201-300 containers on October 16, 2014. Submitted documentation for 301-400 containers on October 23, 2014. Submitted documentation for 401-500 containers on October 27, 2014. Submitted documentation for 501-586 containers on November 12, 2014. Submitted RTR Videos 101-150 on November 12, 2014. Submitted RTR Videos 151-200 on November 20, 2014. Submitted RTR Videos 201-250 on December 1, 2014. Submitted RTR Videos 251-300 on December 19, 2014. Submitted RTR Videos 301-312 on January 15, 2015.
39.	NMED requested a diagram of the location of the thermocouples on 68685 and SB50522.	LANL	---	Complete October 27, 2014
40.	NMED requested a copy of the safety basis document for remediation planning when it is finalized.	LANL	Document is currently in Draft.	
41.	Trending and correlation of temperature and HSG monitoring data.	LANL	In progress	
42.	Schedule a fourth update on LANL efforts – including teams.	LANL/ NMED	---	Complete November 3, 2014

	Requested Information	Actionee	Status	Completion Date
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	Document is currently in Draft.	
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.
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.

	Requested Information	Actionee	Status	Completion Date
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			
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm
07/03/15	164	408	10858	2328								
07/04/15	156	450	11512	2512								
07/05/15	126	439	11834	2612								
07/06/15	159	443	12330	2706	168	492	12368	1659	101	309	6432	344
07/07/15	151	483	12527	2725								
07/08/15	122	420	11219	2458								
07/09/15	179	484	13008	2830	116	326	7907	1065	111	342	6524	347

Remediated Nitrate Salt Container Headspace Gas Analysis

	69616				SB50069				SB50452			
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
07/03/15												
07/04/15												
07/05/15												
07/06/15	301	662	14695	2678	467	975	22129	3128	674	759	14864	2461
07/07/15												
07/08/15												
07/09/15	307	657	14960	2690	465	955	21974	3123	656	780	15482	2581

Remediated Nitrate Salt Container Headspace Gas Analysis

	SB50522				70503 (68540/68553)				69013			
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm
07/03/15	3197	483	39113	1291								
07/04/15	3321	492	41135	1354								
07/05/15	3034	476	38916	1294								
07/06/15	2738	466	37574	1274								
07/07/15	3311	474	39705	1358	30	0	1458	99	29	41	823	55
07/08/15	3336	490	39985	1341								
07/09/15	3184	520	40512	1351								

Remediated Nitrate Salt Container Headspace Gas Analysis

	69298				69417				69445			
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
07/03/15												
07/04/15												
07/05/15												
07/06/15												
07/07/15					0	0	27	0	209	334	4883	389
07/08/15	509	505	7685	1043								
07/09/15												

Remediated Nitrate Salt Container Headspace Gas Analysis

	69520				69618				69620			
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
07/03/15												
07/04/15												
07/05/15												
07/06/15												
07/07/15	72	116	1550	507	110	140	1797	232	283	351	4440	847
07/08/15												
07/09/15												

Remediated Nitrate Salt Container Headspace Gas Analysis

	69630				69636				69641			
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
07/03/15												
07/04/15												
07/05/15												
07/06/15												
07/07/15									234	400	4447	1220
07/08/15	354	578	9899	727	199	246	5623	548				
07/09/15												

Remediated Nitrate Salt Container Headspace Gas Analysis

	69642				SB02203				SB50073			
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
07/03/15												
07/04/15												
07/05/15												
07/06/15												
07/07/15												
07/08/15	61	82	2109	155	129	91	1921	61	864	992	8568	2432
07/09/15												

Remediated Nitrate Salt Container Headspace Gas Analysis

	SB50431				SB50443				87823			
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm
07/03/15												
07/04/15												
07/05/15												
07/06/15									168	192	5280	948
07/07/15												
07/08/15	772	421	7862	1122	726	720	9957	1715				
07/09/15									175	207	5389	1035

Remediated Nitrate Salt Container Headspace Gas Analysis

	87825				87826				87827			
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm
07/03/15												
07/04/15												
07/05/15												
07/06/15	184	262	7639	1476	223	337	11022	1755	58	140	3577	445
07/07/15												
07/08/15												
07/09/15	179	232	7423	1409	223	339	10911	1754	56	127	3541	437

UET

ATTACHMENT 3

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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 6-29-15 to 7-5-15 ⁷⁻⁵⁻¹⁵ ~~6-29-15~~ ~~7-1-15~~ ✓

	Monday 6.[6] Start Time: <u>0835</u>	Tuesday 6.[6] Start Time: <u>0631</u>	Wednesday 6.[6] Start Time: <u>0635</u>	Thursday 6.[6] Start Time: <u>0656</u>	Friday 6.[6] ⁰⁶⁵⁹ Start Time: <u>0659</u>	Saturday 6.[6] Start Time: <u>0704</u>	Sunday 6.[6] Start Time: <u>0653</u>
TA-54-375 Cell 1							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: <u>Fluke</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-29-16</u> File Number <u>103562</u>	Brand: <u>Fluke</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-29-16</u> File Number <u>103562</u>	Brand: <u>Fluke</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-29-16</u> File Number <u>103562</u>	Brand: <u>Fluke</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-29-16</u> File Number <u>103562</u>	Brand: <u>Fluke</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-29-16</u> File Number <u>103562</u>	Brand: <u>Fluke</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-29-16</u> File Number <u>103562</u>	Brand: <u>Fluke</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-29-16</u> File Number <u>103562</u>
Ambient Temperature (6.[7])	<u>66.2</u> °F	<u>62.4</u> °F	<u>64.8</u> °F	<u>64.0</u> °F	<u>61.0</u> °F	<u>63.2</u> °F	<u>62.0</u> °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>65.0</u>	<u>61.6</u>	<u>64.2</u>	<u>63.2</u>	<u>60.8</u>	<u>62.2</u>	<u>61.4</u>
LA00000070503	68540 <u>64.4</u>	<u>62.4</u>	<u>64.6</u>	<u>63.4</u>	<u>61.2</u>	<u>62.4</u>	<u>61.2</u>
	68553 <u>65.4</u>	<u>62.4</u>	<u>64.8</u>	<u>63.6</u>	<u>60.8</u>	<u>62.2</u>	<u>61.6</u>
69445	<u>65.6</u>	<u>62.8</u>	<u>65.0</u>	<u>64.0</u>	<u>61.4</u>	<u>62.8</u>	<u>62.0</u>
69618	<u>65.2</u>	<u>62.4</u>	<u>65.0</u>	<u>63.6</u>	<u>61.2</u>	<u>62.0</u>	<u>61.6</u>
69013	<u>64.4</u>	<u>62.4</u>	<u>64.2</u>	<u>63.2</u>	<u>61.2</u>	<u>61.6</u>	<u>61.2</u>
LASB50522	<u>64.8</u>	<u>62.6</u>	<u>65.0</u>	<u>63.8</u>	<u>61.4</u>	<u>61.8</u>	<u>61.6</u>
LASB50452	<u>64.4</u>	<u>62.0</u>	<u>64.0</u>	<u>62.8</u>	<u>61.0</u>	<u>61.6</u>	<u>61.4</u>
LASB50431	<u>64.2</u>	<u>61.8</u>	<u>63.4</u>	<u>62.6</u>	<u>60.6</u>	<u>61.4</u>	<u>60.8</u>
LASB50069	<u>65.0</u>	<u>62.4</u>	<u>64.2</u>	<u>63.8</u>	<u>61.6</u>	<u>62.4</u>	<u>61.8</u>
LASB50073	<u>64.6</u>	<u>62.6</u>	<u>64.2</u>	<u>63.6</u>	<u>61.6</u>	<u>62.6</u>	<u>61.6</u>
69636	<u>63.6</u>	<u>61.4</u>	<u>62.8</u>	<u>62.4</u>	<u>61.8</u>	<u>61.2</u>	<u>60.8</u>
69616	<u>63.6</u>	<u>62.0</u>	<u>63.8</u>	<u>62.2</u>	<u>60.6</u>	<u>60.8</u>	<u>60.4</u>
69417	<u>64.0</u>	<u>61.4</u>	<u>63.6</u>	<u>62.6</u>	<u>61.0</u>	<u>61.4</u>	<u>61.0</u>

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6.[6] Date: From ~~6-29-15~~ to ~~6-29-15~~ ⁷⁻¹⁻¹⁵

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	63.4	62.4	63.2	63.2	61.2	61.2	61.2
69520	64.2	62.0	63.6	62.8	60.8	61.6	61.0
69641	63.8	61.8	63.8	63.0	61.0	61.4	61.0
69298	63.8	62.0	63.6	63.8	61.2	61.6	61.0
LASB02203	63.8	61.6	63.4	62.4	60.6	62.6	61.2
Ambient Temperature (6.[13])	65.8 °F	62.0 °F	64.2 °F	64.0 °F	60.8 °F	62.6 °F	61.8 °F
End Time (6.[14])	0840	0634	0638	0658	0655	0711	0700
6.[14]	Operator: <u>[Signature]</u>	Operator: <u>EP</u>	Operator: <u>EP</u>	Operator: <u>EP</u>	Operator: <u>[Signature]</u>	Operator: <u>RA</u>	Operator: <u>RA</u>
	Operator: <u>[Signature]</u>	Operator: <u>[Signature]</u>	Operator: <u>[Signature]</u>	Operator: <u>[Signature]</u>	Operator: <u>[Signature]</u>	Operator: <u>DA</u>	Operator: <u>DA</u>

6.[2] Comments:

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6.[6] Date: From 6-29-15 to 6-29-15 ~~6-29-15~~ ⁷⁻¹⁻¹⁵

6.[18] Performed by:

Juan Garcia	<i>Juan Garcia</i>	1169840	JG	16-29-15
Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	6-29-15
Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	<i>Edward Pacheco</i>	1100497	EP	6-30-15
Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	6-30-15
Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	<i>Edward Pacheco</i>	1100497	EP	7-1-15
Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	7-1-15
Operator (print)	Signature	Z#	Initials	Date
Edward Pacheco	<i>Edward Pacheco</i>	1100497	EP	7-2-15
Operator (print)	Signature	Z#	Initials	Date

Leon Montoya	<i>Leon Montoya</i>	1191526	LM	7/3/15
Operator (print)	Signature	Z#	Initials	Date
Tina Aguirre	<i>Tina Aguirre</i>	1149704	TA	7-3-15
Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	7-3-15
Operator (print)	Signature	Z#	Initials	Date
Tina Aguirre	<i>Tina Aguirre</i>	1149704	TA	7-04-15
Operator (print)	Signature	Z#	Initials	Date
Richard Atencio	<i>Richard Atencio</i>	1217395	RA	7-4-15
Operator (print)	Signature	Z#	Initials	Date
Richard Atencio	<i>Richard Atencio</i>	1217395	RA	7-5-15
Operator (print)	Signature	Z#	Initials	Date
Tina Aguirre	<i>Tina Aguirre</i>	1149704	TA	7-5-15
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 ⁷⁻⁵⁻¹⁵ ~~6-29-15~~ to ⁷⁻¹⁻¹⁵ ~~6-29-15~~

	Monday 6.[6] Start Time: <u>0841</u>	Tuesday 6.[6] Start Time: <u>0635</u>	Wednesday 6.[6] Start Time: <u>0639</u>	Thursday 6.[6] Start Time: <u>0659</u>	Friday 6.[6] Start Time: <u>0656</u>	Saturday 6.[6] Start Time: <u>0712</u>	Sunday 6.[6] Start Time: <u>0702</u>
TA-54-375 Cell 2							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: <u>FLUKE</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-28-16</u> File Number <u>103569</u>	Brand: <u>Fluke</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-28-16</u> File Number <u>103569</u>	Brand: <u>Fluke</u> Model: <u>62 MAX</u> Cal. Due Date: <u>4-28-16</u> File Number <u>103569</u>	Brand: <u>Fluke</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-28-16</u> File Number <u>103569</u>	Brand: <u>Fluke</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-28-16</u> File Number <u>63569</u>	Brand: <u>FLUKE</u> Model: <u>62 MAX</u> Cal. Due Date: <u>4-28-16</u> File Number <u>63569</u>	Brand: <u>FLUKE</u> Model: <u>62 MAX</u> Cal. Due Date: <u>4-28-16</u> File Number <u>63569</u>
Ambient Temperature (6.[7])	<u>63.4</u> °F	<u>60.6</u> °F	<u>63.0</u> °F	<u>62.0</u> °F	<u>60.6</u> °F	<u>61.4</u> °F	<u>61.8</u> °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>62.6</u>	<u>61.2</u>	<u>63.8</u>	<u>63.0</u>	<u>60.8</u>	<u>61.6</u>	<u>61.4</u>
68638	<u>62.8</u>	<u>60.6</u>	<u>63.6</u>	<u>62.4</u>	<u>60.6</u>	<u>60.8</u>	<u>61.0</u>
69615	<u>63.0</u>	<u>60.8</u>	<u>63.4</u>	<u>62.6</u>	<u>60.6</u>	<u>61.8</u>	<u>61.6</u>
69635	<u>63.4</u>	<u>61.4</u>	<u>63.8</u>	<u>63.2</u>	<u>61.4</u>	<u>62.0</u>	<u>61.6</u>
69642	<u>63.2</u>	<u>61.4</u>	<u>63.2</u>	<u>62.6</u>	<u>60.6</u>	<u>61.4</u>	<u>61.4</u>
69630	<u>63.0</u>	<u>61.0</u>	<u>63.0</u>	<u>62.4</u>	<u>60.8</u>	<u>61.8</u>	<u>61.6</u>
69633	<u>63.4</u>	<u>61.6</u>	<u>63.4</u>	<u>62.8</u>	<u>61.0</u>	<u>61.4</u>	<u>61.4</u>
68430	<u>62.6</u>	<u>60.6</u>	<u>62.6</u>	<u>62.8</u>	<u>59.8</u>	<u>61.6</u>	<u>61.0</u>
68631	<u>62.0</u>	<u>60.2</u>	<u>62.2</u>	<u>61.6</u>	<u>59.8</u>	<u>61.2</u>	<u>61.0</u>
69634	<u>61.2</u>	<u>59.6</u>	<u>61.0</u>	<u>61.2</u>	<u>58.6</u>	<u>60.2</u>	<u>60.4</u>
68567	<u>61.8</u>	<u>60.0</u>	<u>61.2</u>	<u>61.4</u>	<u>59.6</u>	<u>60.8</u>	<u>60.4</u>
94227	<u>61.6</u>	<u>6.0</u>	<u>62.0</u>	<u>62.4</u>	<u>60.2</u>	<u>61.0</u>	<u>60.8</u>
LASB50442	<u>62.4</u>	<u>60.4</u>	<u>62.6</u>	<u>62.0</u>	<u>60.0</u>	<u>61.0</u>	<u>60.6</u>
69644	<u>61.8</u>	<u>60.6</u>	<u>62.4</u>	<u>62.0</u>	<u>60.2</u>	<u>60.8</u>	<u>60.6</u>
LASB50443	<u>62.6</u>	<u>60.8</u>	<u>63.4</u>	<u>62.4</u>	<u>60.8</u>	<u>61.8</u>	<u>61.2</u>
69638	<u>62.2</u>	<u>60.6</u>	<u>62.4</u>	<u>62.0</u>	<u>60.4</u>	<u>61.2</u>	<u>61.0</u>

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Z# 187066

INITIAL JM DATE 6-29-15

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6.[6] Date: From ⁷⁻⁵⁻¹⁵ ~~6-29-15~~ to ~~6-29-15~~ ⁷⁻¹⁻¹⁵

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	62.4	60.1	61.4	62.0	60.4	61.0	60.8
68507	61.8	60.0	61.8	62.0	59.8	60.6	60.4
69568	61.0	59.8	61.4	61.6	59.4	60.6	60.8
69553	61.6	60.2	61.0	61.0	59.6	60.4	60.0
69598	61.6	60.0	61.6	61.4	59.6	60.6	60.4
LASB50559	61.2	60.4	61.6	61.2	59.2	60.2	60.2
69015	61.8	60.4	61.4	61.6	59.8	60.8	60.4
69639	62.2	60.2	62.2	61.8	60.8	61.2	60.6
69637	62.2	60.4	61.6	62.0	60.0	60.8	60.8
Ambient Temperature (6.[13])	62.8 °F	60.6 °F	62.0 °F	61.4 °F	59.8 °F	61.0 °F	60.8 °F
End Time (6.[14])	0845	0638	0645	0703	0658	0718	0706
6.[14]	Operator: <u>[Signature]</u> Operator: <u>[Signature]</u>	Operator: <u>EP</u> Operator: <u>R</u>	Operator: <u>EP</u> Operator: <u>F</u>	Operator: <u>EP</u> Operator: <u>R</u>	Operator: <u>RA</u> Operator: <u>R</u>	Operator: <u>RA</u> Operator: <u>RA</u>	Operator: <u>RA</u> Operator: <u>RA</u>

6.[2] Comments:

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6.[6] Date: From 6-29-15 to 6-29-15 ⁷⁻⁵⁻¹⁵ ~~e~~
₇₋₁₋₁₅

6.[18] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	6-29-15
Leon montoya	<i>Leon Montoya</i>	191526	LM	6-29-15
Edward Pacheco	<i>Edward Pacheco</i>	100497	EP	6-30-15
Leon montoya	<i>Leon Montoya</i>	191526	LM	6-30-15
Edward Pacheco	<i>Edward Pacheco</i>	100497	EP	7-1-15
Leon montoya	<i>Leon Montoya</i>	191526	LM	7-1-15
Edward Pacheco	<i>Edward Pacheco</i>	100497	EP	7-2-15

Operator (print)	Signature	Z#	Initials	Date
Leon montoya	<i>Leon Montoya</i>	191526	LM	7-2-15
Tina Aguirre	<i>Tina Aguirre</i>	124971	TA	7-3-15
Leon montoya	<i>Leon Montoya</i>	191526	LM	7-3-15
Tina Aguirre	<i>Tina Aguirre</i>	124971	TA	7-4-15
Richard Atencio	<i>Richard Atencio</i>	217395	RA	7-4-15
Richard Atencio	<i>Richard Atencio</i>	217395	RA	7-5-15
Tina Aguirre	<i>Tina Aguirre</i>	124971	TA	7-5-15

9.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

UET

ATTACHMENT 5

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

6.[6] Date: From ⁷⁻⁵⁻¹⁵ ~~6-29-15~~ to ~~6-29-15~~ ⁷⁻¹⁻¹⁵

	Monday 6.[6] Start Time: <u>0829</u>	Tuesday 6.[6] Start Time: <u>0626</u>	Wednesday 6.[6] Start Time: <u>0631</u>	Thursday 6.[6] Start Time: <u>0650</u>	Friday 6.[6] Start Time: <u>0648</u>	Saturday 6.[6] Start Time: <u>0657</u>	Sunday 6.[6] Start Time: <u>0645</u>
TA-54-375 Cell 3							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: <u>FLUKE</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-29-16</u> File Number <u>103562</u>	Brand: <u>Fluke</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-29-16</u> File Number <u>103562</u>	Brand: <u>Fluke</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-29-16</u> File Number <u>103562</u>	Brand: <u>Fluke</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-29-16</u> File Number <u>103562</u>	Brand: <u>Fluke</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-29-16</u> File Number <u>103562</u>	Brand: <u>FLUKE</u> Model: <u>62 MAX</u> Cal. Due Date: <u>4-29-16</u> File Number <u>63562</u>	Brand: <u>FLUKE</u> Model: <u>62 MAX</u> Cal. Due Date: <u>4-29-16</u> File Number <u>63562</u>
Ambient Temperature (6.[7])	<u>64.4</u> °F	<u>61.4</u> °F	<u>67.6</u> °F	<u>62.8</u> °F	<u>60.4</u> °F	<u>60.2</u> °F	<u>60.4</u> °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	<u>62.4</u>	<u>60.6</u>	<u>61.8</u>	<u>61.2</u>	<u>60.4</u>	<u>61.0</u>	<u>59.6</u>
69645	<u>61.6</u>	<u>60.2</u>	<u>61.6</u>	<u>61.8</u>	<u>60.4</u>	<u>60.6</u>	<u>59.6</u>
94068	<u>61.6</u>	<u>59.8</u>	<u>61.8</u>	<u>61.4</u>	<u>60.2</u>	<u>60.2</u>	<u>59.6</u>
93605	<u>62.0</u>	<u>60.8</u>	<u>62.2</u>	<u>61.4</u>	<u>60.0</u>	<u>60.6</u>	<u>60.0</u>
69548	<u>62.2</u>	<u>60.4</u>	<u>62.0</u>	<u>61.0</u>	<u>60.4</u>	<u>60.6</u>	<u>59.8</u>
69604	<u>62.0</u>	<u>60.2</u>	<u>62.2</u>	<u>61.0</u>	<u>59.8</u>	<u>61.2</u>	<u>59.8</u>
LASB50529	<u>61.8</u>	<u>60.6</u>	<u>62.2</u>	<u>61.4</u>	<u>59.8</u>	<u>60.8</u>	<u>59.4</u>
LASB50418	<u>62.2</u>	<u>60.4</u>	<u>61.6</u>	<u>61.4</u>	<u>59.8</u>	<u>60.8</u>	<u>59.8</u>
69036	<u>62.0</u>	<u>60.2</u>	<u>62.2</u>	<u>61.4</u>	<u>59.4</u>	<u>60.6</u>	<u>59.6</u>
LASB50451	<u>62.2</u>	<u>60.4</u>	<u>62.0</u>	<u>61.4</u>	<u>60.0</u>	<u>61.0</u>	<u>59.4</u>
69559	<u>62.2</u>	<u>61.4</u>	<u>61.8</u>	<u>61.8</u>	<u>60.6</u>	<u>61.0</u>	<u>59.8</u>
LASB50448	<u>63.6</u>	<u>61.4</u>	<u>62.4</u>	<u>61.6</u>	<u>54.6</u>	<u>61.0</u>	<u>60.0</u>
87823	<u>62.6</u>	<u>60.8</u>	<u>63.0</u>	<u>61.8</u>	<u>59.6</u>	<u>66.9</u>	<u>60.0</u>
87825	<u>64.2</u>	<u>61.2</u>	<u>63.4</u>	<u>62.2</u>	<u>57.6</u>	<u>66.4</u>	<u>60.0</u>
87826	<u>63.2</u>	<u>60.6</u>	<u>62.2</u>	<u>61.8</u>	<u>60.0</u>	<u>60.8</u>	<u>60.0</u>
87827	<u>62.4</u>	<u>60.6</u>	<u>62.2</u>	<u>61.4</u>	<u>60.2</u>	<u>61.0</u>	<u>60.0</u>

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6.[6] Date: From 6-29-15 to 6-29-15 ⁷⁻⁵⁻¹⁵ ₇₋₁₋₁₅

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>63.8</u> °F	<u>61.8</u> °F	<u>63.2</u> °F	<u>62.2</u> °F	<u>60.2</u> °F	<u>61.6</u> °F	<u>60.2</u> °F
End Time (6.[14])	<u>0834</u>	<u>0630</u>	<u>0634</u>	<u>0654</u>	<u>0650</u>	<u>0703</u>	<u>0652</u>
6.[14]	Operator: <u>AK</u> Operator: <u>AK</u>	Operator: <u>EP</u> Operator: <u>AK</u>	Operator: <u>EP</u> Operator: <u>AK</u>	Operator: <u>EP</u> Operator: <u>AK</u>	Operator: <u>AK</u> Operator: <u>AK</u>	Operator: <u>RA</u> Operator: <u>AK</u>	Operator: <u>RA</u> Operator: <u>AK</u>

6.[2] Comments:

UET

ATTACHMENT 5

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6.[18] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	1169840	JG	16-29-15
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	16-29-15
Edward Pacheco	<i>Edward Pacheco</i>	1100497	EP	6-30-15
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	16-30-15
Edward Pacheco	<i>Edward Pacheco</i>	1100497	EP	7-1-15
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	17-1-15
Edward Pacheco	<i>Edward Pacheco</i>	1100497	EP	7-2-15

Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	17-2-15
Tina Aguirre	<i>Tina Aguirre</i>	1149114	TA	17-3-15
Leon Montoya	<i>Leon Montoya</i>	1191526	LM	17-3-15
Tina Aguirre	<i>Tina Aguirre</i>	1149114	TA	7-6-15
Richard Atencio	<i>Richard Atencio</i>	217395	RA	7-4-15
Richard Atencio	<i>Richard Atencio</i>	217395	RA	7-5-15
Tina Aguirre	<i>Tina Aguirre</i>	1149114	TA	7-5-15

9.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

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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 7-6-15 to 7-12-15

		Monday 6.[6] Start Time: <u>1007</u>	Tuesday 6.[6] Start Time: <u>0719</u>	Wednesday 6.[6] Start Time: <u>0701</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>62 Max</u> Cal. Due Date: <u>4-29-16</u> File Number <u>103562</u>	Brand: <u>Fluke</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-29-16</u> File Number <u>103562</u>	Brand: <u>FLUKE</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-29-16</u> File Number <u>103562</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>67.8</u> °F	<u>61.6</u> °F	<u>58.8</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>66.4</u>	<u>60.4</u>	<u>60.2</u>				
LA00000070503	68540	<u>67.2</u>	<u>61.4</u>	<u>59.6</u>				
	68553	<u>66.8</u>	<u>61.2</u>	<u>59.2</u>				
69445		<u>67.0</u>	<u>61.4</u>	<u>59.2</u>				
69618		<u>66.4</u>	<u>61.4</u>	<u>59.4</u>				
69013		<u>65.4</u>	<u>61.4</u>	<u>59.6</u>				
LASB50522		<u>65.8</u>	<u>61.2</u>	<u>60.0</u>				
LASB50452		<u>65.6</u>	<u>61.0</u>	<u>59.4</u>				
LASB50431		<u>65.4</u>	<u>60.6</u>	<u>59.4</u>				
LASB50069		<u>65.4</u>	<u>61.0</u>	<u>59.8</u>				
LASB50073		<u>65.4</u>	<u>61.2</u>	<u>59.8</u>				
69636		<u>64.8</u>	<u>60.4</u>	<u>59.4</u>				
69616		<u>64.6</u>	<u>60.0</u>	<u>59.4</u>				
69417		<u>65.0</u>	<u>60.6</u>	<u>59.0</u>				

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

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	65.2	60.8	59.8				
69520	64.4	60.8	59.4				
69641	64.8	61.0	59.4				
69298	65.2	60.8	59.8				
LASB02203	65.0	60.6	59.0				
Ambient Temperature (6.[13])	67.4 °F	61.4 °F	58.4 °F	_____ °F	_____ °F	_____ °F	_____ °F
End Time (6.[14])	<u>1014</u>	<u>0724</u>	<u>0707</u>	_____	_____	_____	_____
6.[14]	Operator: <u>NS</u> Operator: <u>NS</u>	Operator: <u>NS</u> Operator: <u>NS</u>	Operator: <u>NS</u> Operator: <u>NS</u>	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____

6.[2] Comments:

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

6.[18] Performed by:

Juan Garcia	<i>Juan Garcia</i>	1169840	JA	7-6-15
Operator (print)	Signature	Z#	Initials	Date
Norman Sanchez	<i>Norman Sanchez</i>	1187818	NS	7-6-15
Operator (print)	Signature	Z#	Initials	Date
Tina Aguirre	<i>Tina Aguirre</i>	1187818	TA	7-7-15
Operator (print)	Signature	Z#	Initials	Date
Norman Sanchez	<i>Norman Sanchez</i>	1187818	NS	7-7-15
Operator (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	1169840	JA	7-8-15
Operator (print)	Signature	Z#	Initials	Date
Norman Sanchez	<i>Norman Sanchez</i>	1187818	NS	7-8-15
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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ATTACHMENT 4

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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 7-6-15 to 7-12-15

	Monday 6.[6] 1017 Start Time: 1007 1017	Tuesday 6.[6] Start Time: 0725	Wednesday 6.[6] Start Time: 0708	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: <u>FLUKE</u> Model: <u>62 MAX</u> Cal. Due Date: <u>4-28-16</u> File Number <u>103569</u>	Brand: <u>FLUKE</u> Model: <u>62 MAX</u> Cal. Due Date: <u>4-28-16</u> File Number <u>103569</u>	Brand: <u>FLUKE</u> Model: <u>62 MAX</u> Cal. Due Date: <u>4-28-16</u> File Number <u>103569</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>64.4</u> °F	<u>59.4</u> °F	<u>59.4</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])
LASB02198	<u>64.2</u>	<u>60.2</u>	<u>59.4</u>				
68638	<u>64.2</u>	<u>59.8</u>	<u>59.6</u>				
69615	<u>64.6</u>	<u>60.0</u>	<u>59.8</u>				
69635	<u>64.6</u>	<u>60.0</u>	<u>59.6</u>				
69642	<u>64.8</u>	<u>59.6</u>	<u>59.2</u>				
69630	<u>64.6</u>	<u>60.0</u>	<u>59.4</u>				
69633	<u>64.2</u>	<u>60.2</u>	<u>60.0</u>				
68430	<u>64.4</u>	<u>59.0</u>	<u>59.2</u>				
68631	<u>63.8</u>	<u>59.2</u>	<u>58.8</u>				
69634	<u>63.4</u>	<u>58.4</u>	<u>59.2</u>				
68567	<u>63.6</u>	<u>58.8</u>	<u>58.6</u>				
94227	<u>63.6</u>	<u>59.4</u>	<u>59.0</u>				
LASB50442	<u>63.8</u>	<u>59.8</u>	<u>59.2</u>				
69644	<u>64.6</u>	<u>59.6</u>	<u>59.6</u>				
LASB50443	<u>64.0</u>	<u>59.6</u>	<u>59.4</u>				
69638	<u>63.8</u>	<u>59.4</u>	<u>59.2</u>				

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

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	64.4	59.4	59.4				
68507	63.8	59.0	59.0				
69568	64.2	59.0	58.4				
69553	63.6	58.6	58.8				
69598	63.4	58.6	59.0				
LASB50559	63.4	59.0	59.0				
69015	63.6	59.4	59.0				
69639	63.6	59.6	59.2				
69637	63.4	59.4	58.8				
Ambient Temperature (6.[13])	64.0 °F	58.8 °F	58.2 °F	_____ °F	_____ °F	_____ °F	_____ °F
End Time (6.[14])	1026	0229	0714				
6.[14]	Operator: <u>NS</u> Operator: <u>NS</u>	Operator: <u>NS</u> Operator: <u>NS</u>	Operator: <u>NS</u> Operator: <u>NS</u>	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____

6.[2] Comments:

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

6.[18] Performed by:

Juan Garcia	<i>Juan Garcia</i>	11698401	JS	17-6-15
Operator (print)	Signature	Z#	Initials	Date
Norman Sanchez	<i>Norman Sanchez</i>	1187818	NS	17-6-15
Operator (print)	Signature	Z#	Initials	Date
Tina Aguirre	<i>Tina Aguirre</i>	1142792	TA	17-7-15
Operator (print)	Signature	Z#	Initials	Date
Norman Sanchez	<i>Norman Sanchez</i>	1187818	NS	17-7-15
Operator (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	11698401	JS	17-8-15
Operator (print)	Signature	Z#	Initials	Date
Norman Sanchez	<i>Norman Sanchez</i>	1187818	NS	17-8-15
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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UET

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

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

	Monday 6.[6] Start Time: <u>000</u>	Tuesday 6.[6] Start Time: <u>0716</u>	Wednesday 6.[6] Start Time: <u>0655</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 3							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: <u>FLUKE</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-29-16</u> File Number <u>103562</u>	Brand: <u>Fluke</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-29-16</u> File Number <u>103562</u>	Brand: <u>FLUKE</u> Model: <u>62 Max</u> Cal. Due Date: <u>4-29-16</u> File Number <u>103562</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>65.4</u> °F	<u>61.4</u> °F	<u>59.4</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])
69519	<u>62.8</u>	<u>60.4</u>	<u>59.0</u>				
69645	<u>63.4</u>	<u>59.6</u>	<u>59.8</u>				
94068	<u>62.6</u>	<u>59.6</u>	<u>59.8</u>				
93605	<u>63.2</u>	<u>60.4</u>	<u>60.2</u>				
69548	<u>62.8</u>	<u>59.8</u>	<u>59.6</u>				
69604	<u>62.8</u>	<u>60.2</u>	<u>59.8</u>				
LASB50529	<u>63.4</u>	<u>60.0</u>	<u>60.0</u>				
LASB50418	<u>63.0</u>	<u>60.6</u>	<u>60.0</u>				
69036	<u>63.4</u>	<u>59.6</u>	<u>59.6</u>				
LASB50451	<u>63.6</u>	<u>59.9</u>	<u>59.4</u>				
69559	<u>63.4</u>	<u>60.0</u>	<u>59.6</u>				
LASB50448	<u>63.6</u>	<u>60.4</u>	<u>59.8</u>				
87823	<u>64.6</u>	<u>60.2</u>	<u>58.6</u>				
87825	<u>66.0</u>	<u>60.2</u>	<u>59.0</u>				
87826	<u>63.6</u>	<u>59.8</u>	<u>59.8</u>				
87827	<u>63.6</u>	<u>60.2</u>	<u>59.2</u>				

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6.[18] Performed by:

Juan Garcia	<i>Juan Garcia</i>	1167840	JG	17-6-15
Operator (print)	Signature	Z#	Initials	Date
Norman Sanchez	<i>Norman Sanchez</i>	1187818	NS	17-6-15
Operator (print)	Signature	Z#	Initials	Date
Tina Aguirre	<i>Tina Aguirre</i>	1149774	TA	17-7-15
Operator (print)	Signature	Z#	Initials	Date
Norman Sanchez	<i>Norman Sanchez</i>	1187818	NS	17-7-15
Operator (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	1167840	JG	17-8-15
Operator (print)	Signature	Z#	Initials	Date
Norman Sanchez	<i>Norman Sanchez</i>	1187818	NS	17-8-15
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

9.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date
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6.[6] Date: From 7/2/15 to 7/2/15 Location: 375

Container ID # (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])	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])	Temp (°F) (6.[8]/6.[9])
ALL RA														
Ambient Temperature (6.[13])	62.29°F	62.26°F	62.66°F	64.27°F	65.71°F	67.78°F	70.00°F	72.15°F	73.48°F	69.93°F	67.87°F	66.12°F	°F	°F
End Time (6.[14])	0631	0729	0829	0923	1032	1130	1225	1326	1425	1525	1623	1728		
6.[14]	Operator: EP Operator: R	Operator: EP Operator: EP	Operator: EP Operator: EP	Operator: EP Operator: EP	Operator: EP Operator: EP	Operator: EP Operator: EP	Operator: RA Operator: RA	Operator: RA Operator: RA	Operator: RA Operator: RA	Operator: RA Operator: RA	Operator: RA Operator: RA	Operator: RA Operator: RA	Operator: Operator:	Operator: Operator:

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6.[6] Date: From 7/2/15 to 7/2/15 Location: 375

6.[2] Comments:

~~N/A~~

6.[18] Performed by:

Leon Montoya	Signature	Z#	Initials	Date
Edward Pacheco	Signature	Z#	Initials	Date
Lina Aguirre Diaz Agui	Signature	Z#	Initials	Date
Richard Atenas	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
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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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6.[6] Date: From 7-02-15 to 7-03-15 Location: 375

Container ID # (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])	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])	Temp (°F) (6.[8]/6.[9])
NA														
Ambient Temperature (6.[13])	65.37°F	64.64°F	63.99°F	63.42°F	62.90°F	62.55°F	62.51°F	61.91°F	61.52°F	60.91°F	60.51°F	60.44°F	°F	°F
End Time (6.[14])	1830	1926	2026	2128	2229	2328	0037	0128	0226	0329	0429	0527		
6.[14] Operator	MV GE	Operator: MV GE	Operator: MV GE	Operator: GE MV	Operator: GE MV	Operator: GE MV	Operator: MV GE	Operator: MV GE	Operator: MV GE	Operator: MV GE	Operator: GE MV	Operator: GE MV	Operator:	Operator:

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6.[6] Date: From 7-02-15 to 7-03-15 Location: 325

6.[2] Comments:

NA

6.[18] Performed by:

<i>Gerald Espinoza</i>	<i>[Signature]</i>	<i>420921</i>	<i>GE</i>	<i>07/02/15</i>
Operator (print)	Signature	Z#	Initials	Date
<i>Michael Vigil</i>	<i>[Signature]</i>	<i>215267</i>	<i>MV</i>	<i>7/2/15</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
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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6.[6] Date: From 7-03-15 to 7-03-15 Location: 375

Container ID # (6.18)(6.19)	Temp (°F) (6.18)(6.19)	Temp (°F) (6.18)(6.19)	Temp (°F) (6.18)(6.19)	Temp (°F) (6.18)(6.19)	Temp (°F) (6.18)(6.19)	Temp (°F) (6.18)(6.19)	Temp (°F) (6.18)(6.19)	Temp (°F) (6.18)(6.19)	Temp (°F) (6.18)(6.19)	Temp (°F) (6.18)(6.19)	Temp (°F) (6.18)(6.19)	Temp (°F) (6.18)(6.19)	Temp (°F) (6.18)(6.19)	Temp (°F) (6.18)(6.19)
N/A														
Ambient Temperature (6.13)	59.71°F	59.81	60.31	61.53	63.44	65.08	66.44	69.01	70.38	68.02	65.84	65.46	°F	°F
End Time (6.14)	0644	0728	0825	0925	1028	1126	1225	1325	1427	1525	1626	1727		
6.14) Operator:	Operator: CJA Operator: KA	Operator: CJA Operator: KA	Operator: RA Operator: SA	Operator: CJA Operator: KA	Operator: RA Operator: SA	Operator: RA Operator: SA	Operator: CJA Operator: KA	Operator: RA Operator: SA	Operator: CJA Operator: RA	Operator: RA Operator: SA	Operator: CJA Operator: RA	Operator: CJA Operator: RA	Operator:	Operator:

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6.[6] Date: From 7-03-15 to 7-03-15 Location: 375

6.[2] Comments: N/A

6.[18] Performed by:
Tina Aquino Tina Aquino 21395 RA 7-03-15
Operator (print) Signature Z# Initials Date
Richard Alvarez Richard Alvarez 21395 RA 7-3-15
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
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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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6.[6] Date: From 7-04-15 to 7-04-15 Location: 375

Container ID # (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])	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])	Temp (°F) (6.[8]/6.[9])
N/A														
Ambient Temperature (6.[13])	61.46	61.93	63.28	65.26	66.25	68.57	67.12	65.89	65.46	66.57	67.41	67.55	°F	°F
End Time (6.[14])	0641	0726	0826	0923	1023	1125	1226	1322	1425	1523	1626	1719		
6.[14]	Operator: <u>JA</u> Operator: <u>RA</u>	Operator: <u>JA</u> Operator: <u>RA</u>	Operator: <u>RA</u> Operator: <u>JA</u>	Operator: <u>JA</u> Operator: <u>RA</u>	Operator: <u>RA</u> Operator: <u>JA</u>	Operator: <u>JA</u> Operator: <u>RA</u>	Operator: <u>RA</u> Operator: <u>JA</u>	Operator: <u>RA</u> Operator: <u>JA</u>	Operator: <u>JA</u> Operator: <u>RA</u>	Operator: <u>RA</u> Operator: <u>JA</u>	Operator: <u>JA</u> Operator: <u>RA</u>	Operator: <u>RA</u> Operator: <u>JA</u>	Operator: <u>JA</u> Operator: <u>RA</u>	Operator: <u>RA</u> Operator: <u>JA</u>

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6.[6] Date: From 7-04-15 to 7-04-15 Location: 375

6.[2] Comments:

N/A

6.[1.8] Performed by:

Lina Aguirre *Richard Alvarado*
 Operator (print) Signature Z# Initials Date
 Richard Alvarado Richard Alvarado 217395 RA 7-4-15

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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6.[6] Date: From 7-4-15 to 7-5-15 Location: DOMC 375

6.[2] Comments:

~~in error 7-5-15~~

6.[18] Performed by:

Operator (print)	Signature	Z#	Initials	Date
	<i>Willet J. ...</i>	112807	CSK	7-4-15
Operator (print)	Signature	Z#	Initials	Date
	<i>Conrad Espinoza</i>	112097	CE	1070415
Operator (print)	Signature	Z#	Initials	Date
Operator (print)	Signature	Z#	Initials	Date
Operator (print)	Signature	Z#	Initials	Date
	n/a			
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
	n/a			
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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6.[6] Date: From 7-05-15 to 7-05-15 Location: _____

Container ID # (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])	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])	Temp (°F) (6.[8]/6.[9])
MA														
Ambient Temperature (6.[13])	60.15	61.54	62.65	64.74	65.57	67.88	70.39	71.61	70.74	70.31	70.16	68.33	"	"
End Time (6.[14])	0646	0726	0825	0923	1025	1127	1233	1328	1426	1527	1625	1725		
6.[14]	Operator: RA Operator: JA	Operator: JA Operator: RA	Operator: RA Operator: JA	Operator: JA Operator: RA	Operator: JA Operator: RA	Operator: JA Operator: RA	Operator: RA Operator: JA	Operator: JA Operator: RA	Operator: RA Operator: JA	Operator: JA Operator: RA	Operator: JA Operator: RA	Operator: RA Operator: JA	Operator: Operator:	Operator: Operator:

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6.[6] Date: From 7-05-15 to 7-05-15 Location: 375

6.[2] Comments: ~~_____

 _____~~

N/A

6.[18] Performed by:
Lina Aguirre 21497 RA 7-5-15
 Operator (print) Signature Z# Initials Date
Richard Alvarado 21738 RA 7-5-15
 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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6.[6] Date: From 7-5-15 to 7-6-15 Location: 375

Container ID # (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])	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])	Temp (°F) (6.[8]/6.[9])
n/a														
n/a														
Ambient Temperature (6.[13])	66.27°F	65.02°F	64.79°F	64.04°F	63.30°F	62.75°F	62.49°F	62.35°F	62.08°F	61.91°F	61.61°F	61.48°F	°F	°F
End Time (6.[14])	1830	2008	2030	2125	2228	2312 2330 07/06/15	0024	0129	0223	0330	0426	0525		
6.[14]	Operator: WJL Operator: GE	Operator: WJL Operator: GE	Operator: WJL Operator: GE	Operator: GE Operator: WJL	Operator: GE Operator: WJL	Operator: GE Operator: WJL	Operator: WJL Operator: GE	Operator: WJL Operator: GE	Operator: WJL Operator: GE	Operator: GE Operator: WJL	Operator: GE Operator: WJL	Operator: GE Operator: WJL	Operator:	Operator:

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6.[6] Date: From 7-5-15 to 7-6-15 Location: 375

6.[2] Comments: Due to fire Alarm round were not complete @ 1930 until 2008. 2 A/C 24117507

~~no further action @ 2015 2 A/C 7-6-15~~

6.[18] Performed by:

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

Walter S. Gordon #112907 *10/22* 7-5-15
Gerald Espinoza #20576 *GE* 1070515
N/A

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

N/A

9.1[2] Reviewed by:

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

Carol Ann *Carol Ann* #226355 *CA* 7-6-15

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TA-54 AREA G NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6 [6] Date: From 7-6-15 to 7-6-15 Location: Dome 375

	Start Time: 6 [6] <u>0649</u>	Start Time: 6 [6] <u>0729</u>	Start Time: 6 [6] <u>0847</u>	Start Time: 6 [6] <u>0953</u>	Start Time: 6 [6] <u>1035</u>	Start Time: 6 [6] <u>1125</u>	Start Time: 6 [6] <u>1225</u>	Start Time: 6 [6] <u>1322</u>	Start Time: 6 [6] <u>1422</u>	Start Time: 6 [6] <u>1524</u>	Start Time: 6 [6] <u>1636</u>	Start Time: 6 [6] <u>1725</u>	Start Time: 6 [6]	Start Time: 6 [6]
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 Model Cal. Due Date File Number	Brand Model Cal. Due Date File Number	Brand Model Cal. Due Date File Number	Brand Model Cal. Due Date File Number	Brand Model Cal. Due Date File Number	Brand Model Cal. Due Date File Number	Brand Model Cal. Due Date File Number	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>61.11</u> °F	<u>61.37</u> °F	<u>62.16</u> °F	<u>63.98</u> °F	<u>65.33</u> °F	<u>66.28</u> °F	<u>68.04</u> °F	<u>70.34</u> °F	<u>68.51</u> °F	<u>69.73</u> °F	<u>67.09</u> °F	<u>66.46</u> °F	°F	°F
Container ID # (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)	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)	Temp (°F) (6.8 6.9)
<u>68685 T1</u>	<u>61.39</u>	<u>61.68</u>	<u>62.59</u>	<u>64.57</u>	<u>66.64</u>	<u>68.38</u>	<u>70.51</u>	<u>73.46</u>	<u>70.27</u>	<u>72.06</u>	<u>68.22</u>	<u>67.42</u>		
<u>68685 T2</u>	<u>61.73</u>	<u>62.06</u>	<u>62.87</u>	<u>64.67</u>	<u>66.12</u>	<u>67.28</u>	<u>68.96</u>	<u>71.07</u>	<u>69.62</u>	<u>70.46</u>	<u>68.05</u>	<u>67.44</u>		
<u>50522 T4</u>	<u>61.79</u>	<u>61.96</u>	<u>62.48</u>	<u>63.71</u>	<u>64.67</u>	<u>65.28</u>	<u>66.56</u>	<u>68.49</u>	<u>67.23</u>	<u>68.02</u>	<u>66.09</u>	<u>65.41</u>		
<u>50522 T5</u>	<u>62.01</u>	<u>62.13</u>	<u>62.72</u>	<u>63.97</u>	<u>64.82</u>	<u>65.50</u>	<u>66.67</u>	<u>68.41</u>	<u>67.53</u>	<u>68.14</u>	<u>66.5</u>	<u>65.91</u>		

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6 [6] Date: From 7-6-15 to 7-6-15 Location: Dome 375

Container ID # (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])	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])	Temp (°F) (6 [8]/6 [9])
N/A														
Ambient Temperature (6 [13])	61.16°F	61.37°F	62.16°F	63.98°F	65.33°F	66.28°F	68.06°F	70.38°F	68.48°F	69.75°F	67.09°F	66.46°F	____°F	____°F
End Time (6 [14])	0650	0730	0848	0954	1036	1126	1226	1323	1423	1525	1637	1726	____	____
6 [14]	Operator: NS Operator: <i>[Signature]</i>	Operator: <i>[Signature]</i> Operator: NS	Operator: <i>[Signature]</i> Operator: NS	Operator: NS Operator: <i>[Signature]</i>	Operator: NS Operator: <i>[Signature]</i>	Operator: RA Operator: <i>[Signature]</i>	Operator: DA Operator: RA	Operator: DA Operator: RA	Operator: DA Operator: RA	Operator: DA Operator: NS	Operator: NS Operator: <i>[Signature]</i>	Operator: NS Operator: DA	Operator: ____ Operator: ____	Operator: ____ Operator: ____

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6.[6] Date: From 7-6-15 to 7-6-15 Location: Dome 375

6.[2] Comments: NC

6.[18] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	1168890	AG	7-6-15
Norman Sanchez	<i>Norman Sanchez</i>	187814	NS	7-6-15
Lina Acuña	<i>Lina Acuña</i>	1168890	LA	7-6-15
Richard Abreu	<i>Richard Abreu</i>	212395	RA	7-6-15
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
Operator (print)	Signature	Z#	Initials	Date

9.[2] Reviewed by:

SONI or designee (print)	Signature	Z#	Initials	Date

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6.[6] Date: From 7-6-15 to 7-7-15 Location: Room 375

6.[2] Comments:

no comments

6.[18] Performed by:

<i>Willie's Bank</i>	<i>[Signature]</i>	<i>1120976162</i>	<i>[Initials]</i>	<i>7-6-15</i>
Operator (print)	Signature	Z#	Initials	Date
<i>Gerald Espinoza</i>	<i>[Signature]</i>	<i>1120976162</i>	<i>[Initials]</i>	<i>1070615</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
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:

<i>Gary...</i>	<i>[Signature]</i>	<i>1120976162</i>	<i>[Initials]</i>	<i>7-7-15</i>
SOM or designee (print)	Signature	Z#	Initials	Date

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6.[6] Date: From 7-07-15 to 7-07-15 Location: 375

Container ID # (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])	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])	Temp (°F) (6.[8]/6.[9])
N/A														
Ambient Temperature (6.[13])	60.00	59.81	59.82	60.24	61.55	64.41	64.99	65.70	66.93	67.54	66.36	65.54	°F	°F
End Time (6.[14])	0643	0722	0833	0927	1024	1123	1224	1327	1429	1527	1621	1722		
6.[14] Operator:	DA	DA	NS	DA	DA	DA	DA	DA	NS	DA	RA	JM	Operator	Operator
Operator:	NS	NS	JM	RA	RA	RA	DA	NS	DA	JM	NS	DA	Operator	Operator

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6.[6] Date: From 7-07-15 to 7-07-15 Location: 375

6.[2] Comments:

~~N/A~~

6.[18] Performed by:

<u>Norman Sanchez</u>	<u>Norman Sanchez</u>	<u>1187816</u>	<u>NS</u>	<u>7-7-15</u>
Operator (print)	Signature	Z#	Initials	Date
<u>Gilbert Martinez</u>	<u>Gilbert Martinez</u>	<u>1149238</u>	<u>GM</u>	<u>7-7-15</u>
Operator (print)	Signature	Z#	Initials	Date
<u>Richard Almeida</u>	<u>Richard Almeida</u>	<u>217358</u>	<u>RA</u>	<u>7-7-15</u>
Operator (print)	Signature	Z#	Initials	Date
<u>Lina Aguirre</u>	<u>Lina Aguirre</u>	<u>17497</u>	<u>LA</u>	<u>7-7-15</u>
Operator (print)	Signature	Z#	Initials	Date
Operator (print)	Signature	Z#	Initials	Date
Operator (print)	Signature	Z#	Initials	Date
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Operator (print)	Signature	Z#	Initials	Date
Operator (print)	Signature	Z#	Initials	Date

9.[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date
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6.[6] Date: From 7-7-15 to 7-8-15 Location: Room 375

6.[2] Comments:

no entries

6.[18] Performed by

<i>William A. K...</i>	<i>[Signature]</i>	<i>112507122</i>	<i>[Initials]</i>	<i>7-7-15</i>
Operator (print)	Signature	Z#	Initials	Date
<i>Garrett Spinosa</i>	<i>[Signature]</i>	<i>120576</i>	<i>GE</i>	<i>10/07/15</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
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Operator (print)	Signature	Z#	Initials	Date
Operator (print)	Signature	Z#	Initials	Date
Operator (print)	Signature	Z#	Initials	Date

9.1[2] Reviewed by

<i>Garrett Spinosa</i>	<i>[Signature]</i>	<i>120576</i>	<i>GE</i>	<i>7-8-15</i>
SOM or designee (print)	Signature	Z#	Initials	Date

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TA-54 AREA G NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6 [6] Date: From 7-8-15 to 7-8-15 Location: Dome 375

	Start Time 6 [6] 0640	Start Time 6 [6] 0722	Start Time 6 [6] 0830	Start Time 6 [6] 0930	Start Time 6 [6] 1030	Start Time 6 [6] 1130	Start Time 6 [6] 1230	Start Time 6 [6] 1330	Start Time 6 [6] 1432	Start Time 6 [6] 1538	Start Time 6 [6] 1630	Start Time 6 [6] 1730	Start Time 6 [6]	Start Time 6 [6]
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 Model Cal Due Date File Number	Brand Model Cal Due Date File Number	Brand Model Cal Due Date File Number	Brand Model Cal Due Date File Number	Brand Model Cal Due Date File Number	Brand Model Cal Due Date File Number	Brand Model Cal Due Date File Number	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)	58.08 °F	58.07 °F	58.75 °F					65.10 °F	65.16 °F	65.56 °F	65.32 °F	65.40 °F		
Container ID # (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])	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])	Temp (°F) (6.8[6][9])
69685 T1	58.23	58.16	59.08	SEE COMMENTS										
68685 T2	58.26	58.22	59.37											
50524 T4	59.0	58.9	59.67											
50522 T5	59.0	59.04	59.85											
	N	A												

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 # 187064
 INITIAL JK DATE 7-8-15

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6.[6] Date: From 7-8-15 to 7-8-15 Location: Dome 375

6.[2] Comments: Planned Power outage from 0930hrs TO 1300hrs.

6.[18] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	167840	AM	7-8-15
Operator (print)	Signature	Z#	Initials	Date
Norman Sanchez	<i>Norman Sanchez</i>	187818	NS	7-8-15
Operator (print)	Signature	Z#	Initials	Date
Gilbert Martinez	<i>Gilbert Martinez</i>	145235	AM	7-8-15
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
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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.[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date
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6.[6] Date: From 7-8-15 to 7-9-15 Location: Dome 375

6.[2] Comments:

n/c

6.[18] Performed by:

<i>Willie J. Parker</i>	<i>[Signature]</i>	<i>117071</i>	<i>WJC</i>	<i>7-8-15</i>
Operator (print)	Signature	Z#	Initials	Date
<i>Gerald Espinal</i>	<i>[Signature]</i>	<i>112672</i>	<i>GC</i>	<i>10/08/15</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

<i>n/a</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

9.1[2] Reviewed by:

<i>Cammy Mandy</i>	<i>[Signature]</i>	<i>226235</i>	<i>CM</i>	<i>7-9-15</i>
SOM or designee (print)	Signature	Z#	Initials	Date