

From: Haagenstad, Mark P

Sent: Tuesday, February 17, 2015 4:26 PM

To: Ryan.Flynn@state.nm.us; Jeff.Kendall@state.nm.us; John Kieling; steve.pullen@state.nm.us; Timothy.Hall@state.nm.us; siona.briley@state.nm.us; ricardo.maestas@state.nm.us; Gregory.Lauer@state.nm.us; steve.holmes@state.nm.us; coleman.smith@state.nm.us; butch.tongate@state.nm.us; Cobrain, Dave, NMENV; kathryn.roberts@state.nm.us

Cc: Pete Maggiore; Silas DeRoma; Cummings, Lisa K; Nickless, David J; Bishop, M. Lee; Turner, Gene E; Armijo, Karen (CONTR); Wallace, Terry C; Torres, Enrique; Woitte, Deborah Kay; Clemmons, Steve; Allen, Don; Brandt, Michael Thomas; Sharp-Geiger, Raeanna Racine; Dorries, Alison Marie; Grieggs, Tony; Bacigalupa, Gian A; Vigil-Holterman, Luciana R; Alexander, Rick A; Baumer, Andy; Martinez, Sandra; Sauer, Selena Z; Wood, Yvonne Barbara; Schreiber, Arleen Thorn; Maestas, Pamela Therese; Hargis, Kenneth Marshall; Diaz, Tammy; Juarez, Catherine L; Cabbil, Cheryl Denise; Young, Steven L; Erickson, Randy; Funk, David John; Alexander, Rick A; Frederici, Dave; Diaz, Tammy; Juarez, Catherine L; Robinson, Bruce Alan; Lansing, Michael Alan; Tymkowych, John M

Subject: Daily Technical Submission - February 17, 2015

Attached is the written daily technical submission for today. The Permittees are submitting the attached information pursuant to: Section 19 of the May 19, 2014, *Administrative Order*; the July 10, 2014 letter from NMED regarding *Modification to May 19, 2014, Administrative Order*; and Section IX of the September 19, 2014, *LANL Nitrate Salt-Bearing Waste Container Isolation Plan, Revision 2*.

Please contact me if additional information would be helpful.

Mark Haagenstad
Environmental Protection Division
Compliance and Permitting Group
Los Alamos National Laboratory
Office: (505) 665-2014
Mobile: (505) 699-1733

NMED / LANL Technical Summary

February 17, 2015

Participants:

- New Mexico Environment Department: Tim Hall and Siona Briley.
- LANL – Los Alamos Field Office: Gene Turner.
- LANL – Los Alamos National Security: Alison Dorries, Luciana Vigil-Holterman and Cathy Juarez

LANL Technical Update:

- **Location of Nitrate Salt-Bearing Wastes**
 - Remediated nitrate salt-bearing waste containers.
 - All containers remain in the 375 Permacon.
 - Unremediated nitrate salt-bearing waste containers.
 - All containers remain in the 231 Permacon.
- **Monitoring - Daily Temperature**
 - Temperatures remain below 90°F.
 - Previous 4 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.
 - February 14-17, 2015 HSG data attached.
 - H₂, CO, CO₂ and N₂O
 - Other containers:
 - A minimum of once per month HSG sampling will be conducted.
 - To date in February, LANL has conducted HSG sampling on 55 SWBs.
- **Additional measures currently underway**
 - As a conservative measure, LANL is currently conducting additional monitoring. This additional monitoring includes:
 - Containers (SWB) 68685 and SB50522.
 - LANL continuing *solid phase micro-extraction*.
 - Hourly temperature measurements are currently being performed on SWB 68685 and SB50522.
 - Five (5) other SWB overpacks (containing 55-gallon drums of remediated nitrate salt-bearing waste).

- Continue twice-weekly HSG sample collection.
- February 16, 2015 HSG data attached.
- **Anticipated Changes to Nitrate Salt-Bearing Waste Containers (e.g. movement, re-packaging)**
 - Currently, no further movements or re-packaging are occurring.

Other

Next Call: Thursday, February 19, 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 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	Email sent February 3, 2015. Letter to follow.	
46.	NMED requested documentation regarding duplicate drum number.	LANL	In Progress	
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 will not occur during the repair process.
50.	NMED requested information regarding solution packages 36, 37, 57 and 78.	LANL	In Progress	

Remediated Nitrate Salt Container Headspace Gas Analysis

	68685				69553				69615			
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
02/14/15	120	355	8414	2070								
02/15/15	137	442	8411	2212								
02/16/15	140	367	8996	2325	183	456	12278	1638	112	322	6564	319
02/17/15	141	407	8687	2240								

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
02/14/15												
02/15/15												
02/16/15	309	658	16755	3307	498	900	18736	2335	665	699	14126	2663
02/17/15												

Remediated Nitrate Salt Container Headspace Gas Analysis

	SB50522			
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
02/14/15	1959	446	35101	922
02/15/15	2069	461	35801	1018
02/16/15	2118	464	37262	993
02/17/15	2088	402	34212	935

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TA-54 AREA G TA-54-231 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[6] Date: From 2-09-15 to 2-15-15

	Monday 6.[6] Start Time: <u>0909</u>	Tuesday 6.[6] Start Time: <u>0913</u>	Wednesday 6.[6] Start Time: <u>1411</u>	Thursday 6.[6] Start Time: <u>0925</u>	Friday 6.[6] Start Time: <u>0845</u>	Saturday 6.[6] Start Time: <u>0816</u>	Sunday 6.[6] Start Time: <u>0747</u>
TA-54-231							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>07/29/15</u> File Number <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>07/29/15</u> File Number <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>07/29/15</u> File Number <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>07/29/15</u> File Number <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-29-15</u> File Number <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7/29/15</u> File Number <u>101974</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7/29/15</u> File Number <u>101974</u>
Ambient Temperature (6.[7])	<u>58.2</u> °F	<u>60.4</u> °F	<u>58.4</u> °F	<u>56.0</u> °F	<u>50.2</u> °F	<u>50.3</u> °F	<u>50.2</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])
S818435	<u>56.0</u>	<u>55.9</u>	<u>56.0</u>	<u>53.8</u>	<u>52.4</u>	<u>53.6</u>	<u>53.3</u>
S802833	<u>55.0</u>	<u>55.3</u>	<u>56.0</u>	<u>53.1</u>	<u>51.8</u>	<u>52.2</u>	<u>52.4</u>
S801676	<u>55.7</u>	<u>55.3</u>	<u>56.5</u>	<u>53.2</u>	<u>52.6</u>	<u>53.0</u>	<u>53.3</u>
S816810	<u>61.4</u>	<u>55.7</u>	<u>56.9</u>	<u>58.7</u>	<u>56.3</u>	<u>57.8</u>	<u>57.8</u>
70069	<u>60.4</u>	<u>60.2</u>	<u>56.6</u>	<u>58.8</u>	<u>58.8</u>	<u>58.0</u>	<u>58.0</u>
S822844	<u>61.6</u>	<u>61.2</u>	<u>56.7</u>	<u>59.1</u>	<u>58.7</u>	<u>58.5</u>	<u>58.1</u>
S825879	<u>60.8</u>	¹⁰⁻¹⁵ <u>61.2</u> <u>60.4</u>	<u>56.9</u>	<u>59.0</u>	<u>57.8</u>	<u>57.4</u>	<u>57.6</u>
S793724	<u>61.0</u>	¹⁰⁻¹⁵ <u>60.4</u> <u>61.3</u>	<u>56.9</u>	<u>58.3</u>	<u>57.9</u>	<u>58.0</u>	<u>57.8</u>
S813545	<u>59.0</u>	¹⁰⁻¹⁵ <u>61.3</u> <u>59.2</u>	<u>56.5</u>	<u>56.9</u>	<u>56.4</u>	<u>56.6</u>	<u>56.6</u>
S822713	<u>59.1</u>	¹⁰⁻¹⁵ <u>59.2</u> <u>59.2</u>	<u>56.7</u>	<u>56.2</u>	<u>55.7</u>	<u>56.0</u>	<u>55.7</u>
S802739	<u>57.5</u>	¹⁰⁻¹⁵ <u>59.5</u> <u>57.8</u>	<u>56.2</u>	<u>55.0</u>	<u>54.2</u>	<u>54.4</u>	<u>54.5</u>
69907	<u>57.1</u>	<u>56.8</u>	<u>56.1</u>	<u>54.2</u>	<u>53.6</u>	<u>53.9</u>	<u>53.9</u>
S804995	<u>57.5</u>	<u>57.9</u>	<u>56.5</u>	<u>54.7</u>	<u>54.4</u>	<u>54.4</u>	<u>54.1</u>
S816434	<u>57.8</u>	<u>58.2</u>	<u>56.8</u>	<u>53.5</u>	<u>54.7</u>	<u>55.0</u>	<u>54.7</u>

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6.[6] Date: From 2-9-15 to 2-15-15

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-54-231 (continued)							
S805289	58.3	58.0	56.8	53.0	54.2	54.2	54.2
S862888	57.3	57.0	56.6	54.7	54.1	54.5	54.6
70072	57.6	57.1	56.2	54.2	54.2	54.4	54.0
S823184	58.8	58.7	56.4	53.9	55.3	55.5	55.3
S822599	59.4	59.4	57.0	57.5	55.8	56.5	56.0
69904	59.2	59.2	57.0	57.0	56.2	56.3	56.4
S805051	59.3	59.6	56.8	57.7	57.0	57.1	57.0
S864213	59.8	59.2	57.0	57.6	56.6	57.1	56.6
S853714	60.4	59.8	57.2	57.8	57.7	57.8	57.9
S803078	60.5	60.1	56.9	57.5	57.1	57.4	56.8
S825878	59.9	59.6	56.8	57.4	56.9	57.2	56.7
S823124	60.0	59.2	57.0	57.2	56.3	56.5	56.0
S804948	57.6	57.2	54.8	54.8	54.3	54.7	54.6
S813385	56.9	57.3	56.8	54.3	54.0	54.4	54.1
S842446	57.8	56.7	57.1	54.9	54.3	54.7	54.7
Ambient Temperature (6.[12])	58.2 °F	57.5 °F	56.4 °F	55.4 °F	50.9 °F	50.6 °F	51.4 °F
End Time (6.[13])	0911	0920	1420	0935	0848	0824	0751
6.[13]	Operator: <u>[Signature]</u> Operator: <u>[Signature]</u>	Operator: <u>[Signature]</u> Operator: <u>[Signature]</u>	Operator: <u>[Signature]</u> Operator: <u>[Signature]</u>	Operator: <u>[Signature]</u> Operator: <u>[Signature]</u>	Operator: <u>EC</u> Operator: <u>JR</u>	Operator: <u>JR</u> Operator: <u>EC</u>	Operator: <u>JR</u> Operator: <u>EC</u>

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6.[6] Date: From 2-9-15 to 2-15-15

6.[2] Comments: _____

6.[17] Performed by:

Josephine Duran		1157971	JD	12/09/15
Operator (print)	Signature	Z#	Initials	Date
Thomas Vega		1236384	TV	12/9/15
Operator (print)	Signature	Z#	Initials	Date
Josephine Duran		1157971	JD	12/10/15
Operator (print)	Signature	Z#	Initials	Date
Thomas Vega		1236384	TV	12/10/15
Operator (print)	Signature	Z#	Initials	Date
Josephine Duran		1157971	JD	12/11/15
Operator (print)	Signature	Z#	Initials	Date
Thomas Vega		1236384	TV	12/11/15
Operator (print)	Signature	Z#	Initials	Date
Josephine Duran		1157971	JD	12/12/15
Operator (print)	Signature	Z#	Initials	Date

Thomas Vega		1236384	TV	12/12/15
Operator (print)	Signature	Z#	Initials	Date
Eloy D. Cordova		114188	EC	12-13-15
Operator (print)	Signature	Z#	Initials	Date
Jackie Romero		1187066	JR	12-13-15
Operator (print)	Signature	Z#	Initials	Date
Jackie Romero		1187066	JR	12-14-15
Operator (print)	Signature	Z#	Initials	Date
Eloy D. Cordova		114188	EC	12-14-15
Operator (print)	Signature	Z#	Initials	Date
Jackie Romero		1187066	JR	12-15-15
Operator (print)	Signature	Z#	Initials	Date
Eloy D. Cordova		114188	EC	12-15-15
Operator (print)	Signature	Z#	Initials	Date

8.1[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 2-9-15 to 2-15-15

	Monday 6.[6] Start Time: <u>1232</u>	Tuesday 6.[6] Start Time: <u>1416</u>	Wednesday 6.[6] Start Time: <u>1346</u>	Thursday 6.[6] Start Time: <u>1101</u>	Friday 6.[6] Start Time: <u>0738</u>	Saturday 6.[6] Start Time: <u>0740</u>	Sunday 6.[6] Start Time: <u>0821</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>6/12/15</u> File Number <u>101915</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6/12/15</u> File Number <u>101915</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6/12/15</u> File Number <u>101915</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6/12/15</u> File Number <u>101915</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6/12/15</u> File Number <u>101915</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6/12/15</u> File Number <u>101915</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101915</u>
Ambient Temperature (6.[7])	<u>61.2</u> °F	<u>61.7</u> °F	<u>59.2</u> °F	<u>54.7</u> °F	<u>49.2</u> °F	<u>51.0</u> °F	<u>51.8</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])
68685	<u>59.1</u>	<u>61.9</u>	<u>55.0</u>	<u>55.4</u>	<u>52.3</u>	<u>52.3</u>	<u>53.6</u>
LA00000070503	68540 <u>59.6</u>	<u>62.0</u>	<u>55.0</u>	<u>55.2</u>	<u>52.2</u>	<u>52.8</u>	<u>52.9</u>
	68553 <u>59.3</u>	<u>62.2</u>	<u>54.8</u>	<u>54.6</u>	<u>50.8</u>	<u>51.7</u>	<u>52.6</u>
69445	<u>59.2</u>	<u>61.7</u>	<u>55.4</u>	<u>55.1</u>	<u>51.6</u>	<u>52.4</u>	<u>53.3</u>
69618	<u>59.8</u>	<u>61.5</u>	<u>55.4</u>	<u>54.4</u>	<u>51.2</u>	<u>51.6</u>	<u>52.7</u>
69013	<u>59.0</u>	<u>61.7</u>	<u>55.5</u>	<u>55.5</u>	<u>51.8</u>	<u>52.5</u>	<u>53.6</u>
LASB50522	<u>59.1</u>	<u>61.7</u>	<u>55.6</u>	<u>56.5</u>	<u>52.6</u>	<u>53.5</u>	<u>54.1</u>
LASB50452	<u>59.2</u>	<u>61.8</u>	<u>55.7</u>	<u>56.5</u>	<u>52.5</u>	<u>53.4</u>	<u>54.3</u>
LASB50431	<u>59.1</u>	<u>61.7</u>	<u>55.6</u>	<u>56.3</u>	<u>52.7</u>	<u>53.8</u>	<u>54.3</u>
LASB50069	<u>58.8</u>	<u>61.5</u>	<u>55.3</u>	<u>55.4</u>	<u>54.6</u>	<u>53.6</u>	<u>54.2</u>
LASB50073	<u>58.6</u>	<u>61.1</u>	<u>55.9</u>	<u>55.9</u>	<u>53.1</u>	<u>54.9</u>	<u>55.0</u>
69636	<u>59.3</u>	<u>61.4</u>	<u>56.6</u>	<u>56.2</u>	<u>53.1</u>	<u>55.7</u>	<u>56.0</u>
69616	<u>59.2</u>	<u>62.9</u>	<u>56.5</u>	<u>56.3</u>	<u>53.8</u>	<u>54.1</u>	<u>55.6</u>
69417	<u>59.3</u>	<u>62.0</u>	<u>55.9</u>	<u>56.2</u>	<u>53.1</u>	<u>54.8</u>	<u>54.5</u>

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6.[6] Date: From 2-9-15 to 2-15-15

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	59.1	61.7	56.0	56.1	53.3	55.0	54.2
69520	59.4	61.5	56.2	56.0	52.8	54.0	54.4
69641	59.3	61.7	56.3	56.4	53.5	54.4	54.9
69298	59.6	61.7	56.5	56.7	53.8	54.7	55.4
LASB02203	59.0	61.5	56.1	56.6	53.8	54.5	55.4
Ambient Temperature (6.[12])	59.5 °F	61.1 °F	55.2 °F	55.0 °F	50.2 °F	51.1 °F	52.7 °F
End Time (6.[13])	1241	1421	1350	1103	0740	0747	0826
6.[13]	Operator: <i>[Signature]</i> Operator: <i>[Signature]</i>	Operator: <i>[Signature]</i> Operator: <i>[Signature]</i>	Operator: <i>[Signature]</i> Operator: <i>[Signature]</i>	Operator: <i>Jm</i> Operator: <i>NS</i>	Operator: <i>NS</i> Operator: <i>[Signature]</i>	Operator: <i>[Signature]</i> Operator: <i>[Signature]</i>	Operator: <i>[Signature]</i> Operator: <i>[Signature]</i>

6.[2] Comments:

UET

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6.[6] Date: From 2-9-15 to 2-15-15

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Thomas Viera		1236382	TV	2/9/15
Operator (print)	Signature	Z#	Initials	Date
Josua Lopez		116598	JL	02/09/15
Operator (print)	Signature	Z#	Initials	Date
Thomas Viera		1236382	TV	2/10/15
Operator (print)	Signature	Z#	Initials	Date
Josua Lopez		116598	JL	02/10/15
Operator (print)	Signature	Z#	Initials	Date
Larry Brito		116405	LB	2-11-15
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	12-11-15
Operator (print)	Signature	Z#	Initials	Date
JARYD MARQUEZ		1286755	JM	12/12/15
Operator (print)	Signature	Z#	Initials	Date

Operator (print)	Signature	Z#	Initials	Date
Norman Sanchez		1187818	NS	12/12/15
Operator (print)	Signature	Z#	Initials	Date
Norman Sanchez		1187818	NS	12/13/15
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	12-13-15
Operator (print)	Signature	Z#	Initials	Date
JARYD MARQUEZ		1286755	JM	12/14/15
Operator (print)	Signature	Z#	Initials	Date
Tony Sena		1237392	TS	12/14/15
Operator (print)	Signature	Z#	Initials	Date
Juan Garcia		1189840	JG	12-15-15
Operator (print)	Signature	Z#	Initials	Date
Tony Sena		1237392	TS	12-15-14
Operator (print)	Signature	Z#	Initials	Date

8.1[2] Reviewed by:

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

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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 2-9-15 to 2-15-15

	Monday 6.[6] Start Time: <u>1142</u>	Tuesday 6.[6] Start Time: <u>1422</u>	Wednesday 6.[6] Start Time: <u>1352</u>	Thursday 6.[6] Start Time: <u>1105</u>	Friday 6.[6] Start Time: <u>0743</u>	Saturday 6.[6] ^{2/14/15} Start Time: <u>0751</u>	Sunday 6.[6] Start Time: <u>0827</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>6/12/15</u> File Number <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6/12/15</u> File Number <u>101912</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6/12/15</u> File Number <u>101912</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6/12/15</u> File Number <u>101912</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6/12/15</u> File Number <u>101912</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6/12/15</u> File Number <u>101912</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6/12/15</u> File Number <u>101912</u>
Ambient Temperature (6.[7])	<u>59.7</u> °F	<u>59.8</u> °F	<u>58.7</u> °F	<u>57.3</u> °F	<u>53.4</u> °F	<u>54.6</u> ^{2/14/15} 52.9 °F	<u>54.6</u> ²⁻¹⁵⁻¹⁵ °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>58.8</u>	<u>60.7</u>	<u>58.2</u>	<u>56.2</u>	<u>53.3</u>	<u>54.2</u> ^{2/14/15} 53.8	<u>54.0</u>
68638	<u>59.7</u>	<u>61.9</u>	<u>58.1</u>	<u>56.8</u>	<u>53.3</u>	<u>54.4</u> ^{2/14/15} 54.4	<u>54.1</u>
69615	<u>60.3</u>	<u>62.1</u>	<u>58.6</u>	<u>57.5</u>	<u>54.1</u>	<u>54.9</u> ^{2/14/15} 53.3	<u>54.6</u>
69635	<u>60.8</u>	<u>62.6</u>	<u>59.1</u>	<u>57.8</u>	<u>55.2</u>	<u>53.1</u> ^{2/14/15} 55.9	<u>55.2</u>
69642	<u>60.7</u>	<u>62.3</u>	<u>58.3</u>	<u>57.6</u>	<u>54.5</u>	<u>53.3</u> ^{2/14/15} 54.9	<u>54.2</u>
69630	<u>60.4</u>	<u>62.1</u>	<u>58.2</u>	<u>57.2</u>	<u>54.0</u>	<u>52.8</u> ^{2/14/15} 54.8	<u>54.3</u>
69633	<u>60.4</u>	<u>63.1</u>	<u>58.8</u>	<u>57.9</u>	<u>54.8</u>	<u>55.5</u>	<u>54.9</u>
68430	<u>60.1</u>	<u>62.3</u>	<u>58.0</u>	<u>57.5</u>	<u>54.0</u>	<u>54.6</u>	<u>54.2</u>
68631	<u>59.8</u>	<u>62.0</u>	<u>57.8</u>	<u>56.7</u>	<u>53.9</u>	<u>54.8</u>	<u>54.3</u>
69634	<u>59.2</u>	<u>61.6</u>	<u>57.8</u>	<u>56.7</u>	<u>54.0</u>	<u>54.4</u>	<u>54.4</u>
68567	<u>59.6</u>	<u>59.3</u>	<u>58.6</u>	<u>57.1</u>	<u>52.3</u>	<u>54.4</u>	<u>54.6</u>
94227	<u>57.8</u>	<u>60.3</u>	<u>58.4</u>	<u>56.4</u>	<u>52.7</u>	<u>54.7</u>	<u>54.5</u>
LASB50442	<u>60.2</u>	<u>61.1</u>	<u>58.7</u>	<u>58.2</u>	<u>54.1</u>	<u>56.2</u>	<u>54.9</u>
69644	<u>60.4</u>	<u>61.5</u>	<u>58.7</u>	<u>57.7</u>	<u>54.7</u>	<u>55.9</u>	<u>55.1</u>
LASB50443	<u>59.1</u>	<u>61.9</u>	<u>58.4</u>	<u>57.2</u>	<u>54.1</u>	<u>55.0</u>	<u>55.0</u>
69638	<u>59.8</u>	<u>61.1</u>	<u>59.1</u>	<u>57.4</u>	<u>53.5</u>	<u>54.9</u>	<u>55.1</u>

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6.[6] Date: From 2-9-15 to 2-15-15

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	59.1	61.1	59.0	58.5	54.4	55.3	55.4
68507	58.8	60.5	59.3	58.2	54.6	55.2	55.6
69568	57.8	59.6	58.1	57.5	54.1	54.6	54.7
69553	57.7	58.1	57.5	56.1	53.2	53.8	54.2
69598	56.3	58.4	58.0	56.2	52.7	54.2	54.5
LASB50559	58.0	59.8	58.3	57.6	53.5	54.5	54.8
69015	59.2	60.7	59.1	58.5	54.5	55.2	56.0
69639	59.7	60.9	59.8	58.4	55.0	56.1	56.4
69637	60.1	61.2	59.3	58.3	54.5	55.2	55.5
Ambient Temperature (6.[12])	57.5 °F	61.5 °F	58.0 °F	57.2 °F	53.5 °F	54.2 °F	54.5 °F
End Time (6.[13])	1250	1429	1356	1108	0745	6755	2-15-15 0833 0833
6.[13] Operator:	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Operator:	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

6.[2] Comments:

Nitrate Salt-Bearing TRU Waste Container Monitoring

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6.[6] Date: From 2-9-15 to 2-15-15

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Thomas VIGIL		1236382	TV	2/9/15
Joshua Lopez		116518	JL	02-09-15
Thomas VIGIL		1236382	TV	2/10/15
Joshua Lopez		116518	JL	02-10-15
Larry Brito		116405	LB	2-11-15
Pancho Miera		1235765	PM	2-11-15
JARJO MARQUEZ		1286355	JM	2/12/15

Operator (print)	Signature	Z#	Initials	Date
Norman Sanchez		1184818	NS	12/12/15
Norman Sanchez		1184818	NS	12/13/15
Pancho Miera		1235765	PM	12-13-15
JARJO MARQUEZ		1286355	JM	2/14/15
Tony Sena		1237352	TS	2-14-15
Juan Garcia		1109840	JG	2-15-15
Tony Sena		1237352	TS	2-15-15

8.1[2] Reviewed by:

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

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6.[6] Date: From 2.9.15 to 2.15.15

6.[2] Comments:

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Thomas Viera		1236382	TV	2/9/15
Joshua Lopez		116598	JL	2/9/15
Thomas Viera		1236382	TV	2/10/15
Joshua Lopez		116598	JL	2/10/15
Larry Bato		116405	LB	2-11-15
Pancho Miera		1235765	PM	2-11-15
Juan Garcia		1169840	JG	2-12-15

Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	2-12-15
Norman Sanchez		1189818	NS	2-13-15
Pancho Miera		1235765	PM	2-13-15
Jarvis Marquez		1286755	JM	2/14/15
Tony Sena		1237392	TS	2-14-15
Juan Garcia		1169840	JG	2-15-15
Tony Sena		1237392	TS	2-15-14

8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

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TA-54 AREA G TA-54-231 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[6] Date: From 2-16-15 to 2-22-15

	Monday 6.[6] Start Time: <u>0808</u>	Tuesday 6.[6] Start Time: _____	Wednesday 6.[6] Start Time: _____	Thursday 6.[6] Start Time: _____	Friday 6.[6] Start Time: _____	Saturday 6.[6] Start Time: _____	Sunday 6.[6] Start Time: _____
TA-54-231							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: <u>Fuke</u> Model: <u>561</u> Cal. Due Date: <u>7/29/15</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: _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____
Ambient Temperature (6.[7])	<u>46.7</u> °F	_____ °F	_____ °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])
S818435	<u>48.2</u>						
S802833	<u>48.9</u>						
S801676	<u>50.1</u>						
S816810	<u>53.8</u>						
70069	<u>54.0</u>						
S822844	<u>54.9</u>						
S825879	<u>53.3</u>						
S793724	<u>53.8</u>						
S813545	<u>52.9</u>						
S822713	<u>52.0</u>						
S802739	<u>51.0</u>						
69907	<u>50.0</u>						
S804995	<u>50.6</u>						
S816434	<u>50.8</u>						

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6.[6] Date: From 2-16-15 to 2-22-15

6.[2] Comments: _____

6.[17] Performed by:

<i>Jackie Romero</i>	<i>Jackie Romero</i>	<i>11870661</i>	<i>JR</i>	<i>12-16-15</i>
Operator (print)	Signature	Z#	Initials	Date
<i>Elo J. Cordova</i>	<i>SD</i>	<i>114188</i>	<i>EC</i>	<i>12-16-15</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
/	/	/	/	/

8.1[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 2-16-15 to 2-22-15

	Monday 6.[6] Start Time: <u>0726</u>	Tuesday 6.[6] Start Time: _____	Wednesday 6.[6] Start Time: _____	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>Flyke</u> Model: <u>561</u> Cal. Due Date: <u>6/12/15</u> File Number: <u>10913</u>	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____
Ambient Temperature (6.[7])	<u>46.6</u> °F	_____ °F	_____ °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>49.6</u>						
LA00000070503	68540	<u>49.5</u>					
	68553	<u>48.9</u>					
69445	<u>49.0</u>						
69618	<u>48.4</u>						
69013	<u>50.5</u>						
LASB50522	<u>51.6</u>						
LASB50452	<u>50.9</u>						
LASB50431	<u>51.7</u>						
LASB50069	<u>51.3</u>						
LASB50073	<u>51.2</u>						
69636	<u>51.7</u>						
69616	<u>52.5</u>						
69417	<u>51.1</u>						

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6.[6] Date: From 2-16-15 to 2-22-15

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	51.2						
69520	52.0						
69641	52.2						
69298	52.7						
LASB02203	52.4						
Ambient Temperature (6.[12])	46.7 °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F
End Time (6.[13])	0730						
6.[13]	Operator: <u>JS</u> Operator: <u>MS</u>	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____

6.[2] Comments:

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6.[6] Date: From 2-16-15 to 2-22-15

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
	<i>[Signature]</i>	18582	AV	2/16/15
Norman Sanchez	<i>[Signature]</i>	187818	NS	2/16/15
/	/	/	/	/
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
/	/	/	/	/

8.1[2] Reviewed by:

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

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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 2-16-15 to 2-22-15

	Monday 6.[6] Start Time: <u>073</u>	Tuesday 6.[6] Start Time: _____	Wednesday 6.[6] Start Time: _____	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>S61</u> Cal. Due Date: <u>6/12/15</u> File Number: <u>101912</u>	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____
Ambient Temperature (6.[7])	<u>49.9</u> °F	_____ °F	_____ °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>49.5</u>						
68638	<u>51.1</u>						
69615	<u>51.0</u>						
69635	<u>51.7</u>						
69642	<u>50.6</u>						
69630	<u>50.1</u>						
69633	<u>51.6</u>						
68430	<u>51.0</u>						
68631	<u>50.0</u>						
69634	<u>49.8</u>						
68567	<u>49.2</u>						
94227	<u>50.3</u>						
LASB50442	<u>51.3</u>						
69644	<u>51.5</u>						
LASB50443	<u>49.9</u>						
69638	<u>51.1</u>						

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6.[6] Date: From 2-16-15 to 2-22-15

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	52.6						
68507	51.9						
69568	56.7						
69553	56.4						
69598	56.1						
LASB50559	51.5						
69015	51.6						
69639	52.0						
69637	51.7						
Ambient Temperature (6.[12])	49.7 °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F
End Time (6.[13])	0739	_____	_____	_____	_____	_____	_____
6.[13]	Operator: <u>JS</u> Operator: <u>NS</u>	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____

6.[2] Comments:

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6.[6] Date: From 2-16-15 to 2-22-15

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
	<i>[Signature]</i>	<i>124382</i>	<i>[Initials]</i>	<i>2/16/15</i>
<i>Norman Sanchez</i>	<i>[Signature]</i>	<i>187818</i>	<i>NS</i>	<i>2/16/15</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

8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

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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 2-16-15 to 2-22-15

	Monday 6.[6] Start Time: <u>0720</u>	Tuesday 6.[6] Start Time: _____	Wednesday 6.[6] Start Time: _____	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>Floke</u> Model: <u>561</u> Cal. Due Date: <u>6/21/15</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: _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____
Ambient Temperature (6.[7])	<u>50.0</u> °F	_____ °F	_____ °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>52.4</u>						
69645	<u>52.7</u>						
94068	<u>52.8</u>						
93605	<u>51.2</u>						
69548	<u>51.4</u>						
69604	<u>52.0</u>						
LASB50529	<u>52.8</u>						
LASB50418	<u>51.4</u>						
69036	<u>51.4</u>						
LASB50451	<u>51.2</u>						
69559	<u>52.0</u>						
LASB50448	<u>56.9</u>						
Ambient Temperature (6.[12])	<u>50.1</u> °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F
End Time (6.[13])	<u>0725</u>	_____	_____	_____	_____	_____	_____
6.[13]	Operator: <u>JS</u> Operator: <u>NS</u>	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____	Operator: _____ Operator: _____

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6.[6] Date: From 2-16-15 to 2-22-15

6.[2] Comments:

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
	<i>[Signature]</i>	1236302	<i>[Initials]</i>	2/16/15
Norman Sanchez	<i>[Signature]</i>	1187818	NS	2/16/15
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

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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

8.1[2] Reviewed by:

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 2-13-15 to 2-13-15 Location: Dome 375

	Start Time: 6.[6] <u>0633</u>	Start Time: 6.[6] <u>0734</u>	Start Time: 6.[6] <u>0831</u>	Start Time: 6.[6] <u>0931</u>	Start Time: 6.[6] <u>1033</u>	Start Time: 6.[6] <u>1129</u>	Start Time: 6.[6] <u>1230</u>	Start Time: 6.[6] <u>1328</u>	Start Time: 6.[6] <u>1433</u>	Start Time: 6.[6] <u>1527</u>	Start Time: 6.[6] <u>1627</u>	Start Time: 6.[6] <u>1727</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: NA Model: NA Cal. Due Date: NA File Number: NA	Brand: NA Model: NA Cal. Due Date: NA File Number: NA	Brand: NA Model: NA Cal. Due Date: NA File Number: NA	Brand: NA Model: NA Cal. Due Date: NA File Number: NA	Brand: NA Model: NA Cal. Due Date: NA File Number: NA	Brand: NA Model: NA Cal. Due Date: NA File Number: NA	Brand: NA Model: NA Cal. Due Date: NA File Number: NA	Brand: NA Model: NA Cal. Due Date: NA File Number: NA	Brand: NA Model: NA Cal. Due Date: NA File Number: NA	Brand: NA Model: NA Cal. Due Date: NA File Number: NA	Brand: NA Model: NA Cal. Due Date: NA File Number: NA	Brand: NA Model: NA Cal. Due Date: NA File Number: NA	Brand: NA Model: NA Cal. Due Date: NA File Number: NA	Brand: NA Model: NA Cal. Due Date: NA File Number: NA
Ambient Temperature (6.[7])	<u>49.99</u> °F	<u>50.18</u> °F	<u>51.4</u> °F	<u>52.04</u> °F	<u>54.09</u> °F	<u>55.53</u> °F	<u>57.75</u> °F	<u>59.6</u> °F	<u>60.82</u> °F	<u>60.94</u> °F	<u>60.15</u> °F	<u>58.55</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(T)</u>	<u>51.76</u>	<u>51.96</u>	<u>53.05</u>	<u>53.18</u>	<u>54.65</u>	<u>55.63</u>	<u>57.66</u>	<u>59.37</u>	<u>60.48</u>	<u>60.67</u>	<u>59.94</u>	<u>58.35</u>			
<u>68685(T2)</u>	<u>50.96</u>	<u>51.70</u>	<u>52.34</u>	<u>52.52</u>	<u>53.87</u>	<u>54.81</u>	<u>56.77</u>	<u>58.40</u>	<u>59.52</u>	<u>59.64</u>	<u>59.0</u>	<u>57.45</u>			
<u>50522(T4)</u>	<u>51.71</u>	<u>51.8</u>	<u>52.53</u>	<u>52.68</u>	<u>54.0</u>	<u>54.75</u>	<u>56.35</u>	<u>57.74</u>	<u>58.74</u>	<u>59.02</u>	<u>58.69</u>	<u>57.55</u>			
<u>50522(T5)</u>	<u>51.38</u>	<u>51.48</u>	<u>52.27</u>	<u>52.47</u>	<u>53.94</u>	<u>54.77</u>	<u>56.40</u>	<u>57.83</u>	<u>58.77</u>	<u>58.98</u>	<u>58.57</u>	<u>57.37</u>			
					<u>A</u>										

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6.[6] Date: From 2-13-15 to 2-13-15 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.[12])	49.97 °F	50.23 °F	51.4 °F	52.15 °F	54.12 °F	55.56 °F	57.79 °F	59.62 °F	60.82 °F	60.91 °F	60.15 °F	58.55 °F	°F	°F
End Time (6.[13])	0634	0735	0832	0932	1034	1131 1131 NS 2/13/15	1231	1329	1434	1528	1628	1728		
6.[13]	Operator: TP	Operator: TP	Operator: EL	Operator: JR	Operator: TP	Operator: NS TP	Operator: TP NS	Operator: NS	Operator: TP NS	Operator: NS	Operator: NS TP	Operator: NS TP	Operator:	Operator:

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6.[6] Date: From 2-13-15 to 2-13-15 Location: Dome 375

6.[2] Comments: Due to SO-1247 unable to enter 375 cell 1. Temps. obtained from central room on Computer Data Logger. Pancho Miera 235765 DMS

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	169840	AG	12-13-15
Operator (print)	Signature	Z#	Initials	Date
Jackie Romero	<i>Jackie Romero</i>	1187060	JR	12-13-15
Operator (print)	Signature	Z#	Initials	Date
Norman Sanchez	<i>Norman Sanchez</i>	1184818	NS	12/13/15
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera	<i>Pancho Miera</i>	235765	TM	12-13-15
Operator (print)	Signature	Z#	Initials	Date
Eloy J. Cordova	<i>Eloy J. Cordova</i>	1114180	EC	12-13-15
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
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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

8.1[2] Reviewed by:

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 2-13-15 to 2-14-15 Location: Done 375

	Start Time: 6.[6] <u>1827</u>	Start Time: 6.[6] <u>1929</u>	Start Time: 6.[6] <u>2033</u>	Start Time: 6.[6] <u>2125</u>	Start Time: 6.[6] <u>2226</u>	Start Time: 6.[6] <u>2336</u>	Start Time: 6.[6] <u>0027</u>	Start Time: 6.[6] <u>0126</u>	Start Time: 6.[6] <u>0230</u>	Start Time: 6.[6] <u>0329</u>	Start Time: 6.[6] <u>0429</u>	Start Time: 6.[6] <u>0531</u>	Start Time: 6.[6] <u>24</u>	Start Time: 6.[6]
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: _____ Model: <u>NA</u> Cal. Due Date: _____ File Number: _____	Brand: _____ Model: <u>NA</u> Cal. Due Date: _____ File Number: _____	Brand: _____ Model: <u>NA</u> Cal. Due Date: _____ File Number: _____	Brand: _____ Model: <u>NA</u> Cal. Due Date: _____ File Number: _____	Brand: _____ Model: <u>NA</u> Cal. Due Date: _____ File Number: _____	Brand: _____ Model: <u>NA</u> Cal. Due Date: _____ File Number: _____	Brand: _____ Model: <u>NA</u> Cal. Due Date: _____ File Number: _____	Brand: _____ Model: <u>NA</u> Cal. Due Date: _____ File Number: _____	Brand: _____ Model: <u>NA</u> Cal. Due Date: _____ File Number: _____	Brand: _____ Model: <u>NA</u> Cal. Due Date: _____ File Number: _____	Brand: _____ Model: <u>NA</u> Cal. Due Date: _____ File Number: _____	Brand: _____ Model: <u>NA</u> Cal. Due Date: _____ File Number: _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____
Ambient Temperature (6.[7])	<u>53.15</u> °F	<u>53.13</u> °F	<u>51.73</u> °F	<u>53.06</u> °F	<u>51.33</u> °F	<u>51.85</u> °F	<u>52.33</u> °F	<u>51.31</u> °F	<u>51.27</u> °F	<u>50.58</u> °F	<u>50.27</u> °F	<u>50.45</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>6868571</u>	<u>53.26</u>	<u>53.25</u>	<u>51.93</u>	<u>53.49</u>	<u>51.99</u>	<u>52.77</u>	<u>53.14</u>	<u>52.16</u>	<u>52.41</u>	<u>51.96</u>	<u>51.87</u>	<u>51.95</u>		
<u>6868572</u>	<u>52.53</u>	<u>52.51</u>	<u>51.35</u>	<u>53.08</u>	<u>51.33</u>	<u>52.03</u>	<u>52.62</u>	<u>51.59</u>	<u>51.73</u>	<u>51.19</u>	<u>51.17</u>	<u>51.34</u>		
<u>5052274</u>	<u>53.58</u>	<u>53.57</u>	<u>52.5</u>	<u>53.3</u>	<u>52.49</u>	<u>52.89</u>	<u>52.97</u>	<u>52.28</u>	<u>52.56</u>	<u>52.17</u>	<u>52.07</u>	<u>52.06</u>		
<u>5052275</u>	<u>53.26</u>	<u>53.23</u>	<u>52.23</u>	<u>53.19</u>	<u>52.21</u>	<u>52.69</u>	<u>52.79</u>	<u>52.1</u>	<u>52.29</u>	<u>51.87</u>	<u>51.77</u>	<u>51.8</u>		

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6.[6] Date: From 2-13-15 to 2-14-15 Location: Done 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])
<div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em;">N</div> <div style="position: absolute; top: 50%; left: 85%; transform: translate(-50%, -50%); font-size: 2em;">Z</div>														
Ambient Temperature (6.[12])	<u>53.15</u> °F	<u>53.11</u> °F	<u>51.71</u> °F	<u>53.11</u> °F	<u>51.3</u> °F	<u>51.78</u> °F	<u>52.38</u> °F	<u>51.33</u> °F	<u>51.17</u> °F	<u>50.54</u> °F	<u>50.27</u> °F	<u>50.43</u> °F	_____ °F	_____ °F
End Time (6.[13])	<u>1827</u>	<u>1930</u>	<u>2034</u>	<u>2126</u>	<u>2226</u>	<u>2336</u>	<u>0028</u>	<u>0126</u>	<u>0230</u>	<u>0330</u>	<u>0430</u>	<u>0531</u>	_____	_____
6.[13] Operator:	Operator: <u>MV</u>	Operator: <u>MV</u>	Operator: <u>MV</u>	Operator: <u>MV</u>	Operator: <u>MV</u>	Operator: <u>MV</u>	Operator: <u>MV</u>	Operator: <u>MV</u>	Operator: <u>MV</u>	Operator: <u>MV</u>	Operator: <u>MV</u>	Operator: <u>MV</u>	Operator:	Operator:
	Operator: <u>AE</u>	Operator: <u>AE</u>	Operator: <u>AE</u>	Operator: <u>AE</u>	Operator: <u>AE</u>	Operator: <u>AE</u>	Operator: <u>AE</u>	Operator: <u>AE</u>	Operator: <u>AE</u>	Operator: <u>AE</u>	Operator: <u>AE</u>	Operator: <u>AE</u>	Operator:	Operator:

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6.[6] Date: From 2-13-15 to 2-14-15 Location: Room 375

6.[2] Comments: Due to SO-1247 unable to enter 375 cell / Temps obtained from control room on Computer Data Logger Michael Vigil 2/15/15

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
	<u>Michael Vigil</u>	<u>215267</u>	<u>MV</u>	<u>2-13-15</u>
Operator (print)	Signature	Z#	Initials	Date
	<u>Gene El Espinoza</u>	<u>2097</u>	<u>GE</u>	<u>02/13/15</u>
Operator (print)	Signature	Z#	Initials	Date
	<u>NA</u>			
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

8.1[2] Reviewed by:

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 2-14-15 to 2-14-15 Location: Dome 375

	Start Time: 6.[6] <u>0634</u>	Start Time: 6.[6] <u>0733</u>	Start Time: 6.[6] <u>0834</u>	Start Time: 6.[6] <u>0930</u>	Start Time: 6.[6] <u>1031</u>	Start Time: 6.[6] <u>1132</u>	Start Time: 6.[6] <u>1230</u>	Start Time: 6.[6] <u>1330</u>	Start Time: 6.[6] <u>1432</u>	Start Time: 6.[6] <u>1530</u>	Start Time: 6.[6] <u>1630</u>	Start Time: 6.[6] <u>1731</u>	Start Time: 6.[6]	Start Time: 6.[6]	
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: <u>N/A</u> File Number: <u>N/A</u>	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: <u>N/A</u> File Number: <u>N/A</u>	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: <u>N/A</u> File Number: <u>N/A</u>	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: <u>N/A</u> File Number: <u>N/A</u>	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: <u>N/A</u> File Number: <u>N/A</u>	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: <u>N/A</u> File Number: <u>N/A</u>	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: <u>N/A</u> File Number: <u>N/A</u>	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: <u>N/A</u> File Number: <u>N/A</u>	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: <u>N/A</u> File Number: <u>N/A</u>	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: <u>N/A</u> File Number: <u>N/A</u>	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: <u>N/A</u> File Number: <u>N/A</u>	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: <u>N/A</u> File Number: <u>N/A</u>	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: <u>N/A</u> File Number: <u>N/A</u>	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: <u>N/A</u> File Number: <u>N/A</u>	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: <u>N/A</u> File Number: <u>N/A</u>
Ambient Temperature (6.[7])	<u>50.83</u> °F	<u>50.89</u> °F	<u>51.02</u> °F	<u>53.19</u> °F	<u>54.42</u> °F	<u>56.67</u> °F	<u>58.89</u> °F	<u>60.65</u> °F	<u>61.29</u> °F	<u>62.07</u> °F	<u>61.44</u> °F	<u>59.83</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 T</u>	<u>52.46</u>	<u>52.52</u>	<u>52.46</u>	<u>54.14</u>	<u>54.58</u>	<u>56.58</u>	<u>58.73</u>	<u>60.32</u>	<u>61.35</u>	<u>61.69</u>	<u>61.17</u>	<u>59.74</u>			
<u>68685 T2</u>	<u>51.71</u>	<u>51.8</u>	<u>51.68</u>	<u>53.41</u>	<u>53.87</u>	<u>55.79</u>	<u>57.80</u>	<u>59.34</u>	<u>60.42</u>	<u>60.74</u>	<u>60.22</u>	<u>58.82</u>			
<u>50522 T4</u>	<u>50.82</u>	<u>52.33</u>	<u>53.34</u>	<u>53.62</u>	<u>54.05</u>	<u>55.55</u>	<u>57.23</u>	<u>58.58</u>	<u>59.45</u>	<u>59.81</u>	<u>59.63</u>	<u>58.74</u>			
<u>50522 T5</u>	<u>52.31</u>	<u>52.04</u>	<u>52.13</u>	<u>53.5</u>	<u>54.04</u>	<u>55.62</u>	<u>57.29</u>	<u>58.63</u>	<u>59.43</u>	<u>59.84</u>	<u>59.54</u>	<u>58.53</u>			

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6.[6] Date: From 2-14-15 to 2-14-15 Location: Dome 375

6.[2] Comments: Did not enter 375 permacon due to standing order 1247.R.2. All temps taken with datalogger.

6.[17] Performed by:

Juan Garcia	<i>Juan Garcia</i>	1169890	JG	12-14-15
Operator (print)	Signature	Z#	Initials	Date
JARUD MARQUEZ	<i>JARUD MARQUEZ</i>	1286755	JM	12/14/15
Operator (print)	Signature	Z#	Initials	Date
Elonzo G. Lewis	<i>Elonzo G. Lewis</i>	114186	EL	12-14-15
Operator (print)	Signature	Z#	Initials	Date
Jackie Romero	<i>Jackie Romero</i>	1187066	JR	12-14-15
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

8.1[2] Reviewed by:

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 2-14-15 to 2-15-15 Location: Dome 375

	Start Time: 6.[6] <u>1827</u>	Start Time: 6.[6] <u>1931</u>	Start Time: 6.[6] <u>2024</u>	Start Time: 6.[6] <u>2126</u>	Start Time: 6.[6] <u>2224</u>	Start Time: 6.[6] <u>2325</u>	Start Time: 6.[6] <u>0026</u>	Start Time: 6.[6] <u>0126</u>	Start Time: 6.[6] <u>0224</u>	Start Time: 6.[6] <u>0325</u>	Start Time: 6.[6] <u>0426</u>	Start Time: 6.[6] <u>0526</u>	Start Time: 6.[6]	Start Time: 6.[6]	
Calibrated Infrared Thermometer (4.2.1[B])	Brand: N/A Model: N/A Cal. Due Date: N/A File Number: N/A	Brand: N/A Model: N/A Cal. Due Date: N/A File Number: N/A	Brand: N/A Model: N/A Cal. Due Date: N/A File Number: N/A	Brand: N/A Model: N/A Cal. Due Date: N/A File Number: N/A	Brand: N/A Model: N/A Cal. Due Date: N/A File Number: N/A	Brand: N/A Model: N/A Cal. Due Date: N/A File Number: N/A	Brand: N/A Model: N/A Cal. Due Date: N/A File Number: N/A	Brand: N/A Model: N/A Cal. Due Date: N/A File Number: N/A	Brand: N/A Model: N/A Cal. Due Date: N/A File Number: N/A	Brand: N/A Model: N/A Cal. Due Date: N/A File Number: N/A	Brand: N/A Model: N/A Cal. Due Date: N/A File Number: N/A	Brand: N/A Model: N/A Cal. Due Date: N/A File Number: N/A	Brand: N/A Model: N/A Cal. Due Date: N/A File Number: N/A	Brand: N/A Model: N/A Cal. Due Date: N/A File Number: N/A	Brand: N/A Model: N/A Cal. Due Date: N/A File Number: N/A
Ambient Temperature (6.[7])	<u>57.09</u>	<u>54.43</u>	<u>52.99</u>	<u>51.69</u>	<u>52.79</u>	<u>51.87</u>	<u>51.62</u>	<u>52.56</u>	<u>51.4</u>	<u>50.55</u>	<u>51.11</u>	<u>51.49</u>			
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>686851</u>	<u>57.01</u>	<u>54.43</u>	<u>53.04</u>	<u>51.9</u>	<u>53.23</u>	<u>52.42</u>	<u>52.53</u>	<u>53.39</u>	<u>52.39</u>	<u>51.67</u>	<u>52.32</u>	<u>52.68</u>			
<u>686852</u>	<u>56.11</u>	<u>53.71</u>	<u>52.46</u>	<u>51.37</u>	<u>52.79</u>	<u>51.96</u>	<u>51.84</u>	<u>52.90</u>	<u>51.93</u>	<u>51.00</u>	<u>51.59</u>	<u>52.11</u>			
<u>5052214</u>	<u>56.68</u>	<u>54.64</u>	<u>53.48</u>	<u>52.51</u>	<u>53.28</u>	<u>52.6</u>	<u>52.87</u>	<u>53.2</u>	<u>52.47</u>	<u>52.18</u>	<u>52.54</u>	<u>52.68</u>			
<u>5052215</u>	<u>56.34</u>	<u>54.31</u>	<u>53.21</u>	<u>52.28</u>	<u>53.17</u>	<u>52.45</u>	<u>52.64</u>	<u>53.03</u>	<u>52.24</u>	<u>51.89</u>	<u>52.25</u>	<u>52.47</u>			

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6.[6] Date: From 2-14-15 to 2-15-15 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.[12])	56.99F	52.43	52.93	51.69	52.74	51.87	51.62	52.56	51.46	50.95	51.08	51.49	°F	°F
End Time (6.[13])	1829	1932	2025	2127	2225	2326	0027	0127	0225	0326	0427	0527		
6.[13] Operator: Operator:	JA JC	JA JC	JA JC	JA JC	JA JC	JA JC	JA JC	JA JC	JA JC	JA JC	JA JC	JA JC	Operator:	Operator:
													Operator:	Operator:

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6.[6] Date: From 2-14-15 to 2-15-15 Location: Dome 375

6.[2] Comments:

Did not enter Permacon due to standing Order 1247 R. J. Call
temps were taken Data Logger Computer in Dome 375. JA 2-15-15

N/A

6.[17] Performed by:

<u>Tina Aguirre</u>	<u>[Signature]</u>	<u>[Z#]</u>	<u>[Initials]</u>	<u>2-15-15</u>
Operator (print)	Signature	Z#	Initials	Date
<u>Cecilia Espinoza</u>	<u>[Signature]</u>	<u>[Z#]</u>	<u>[Initials]</u>	<u>021515</u>
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

8.1[2] Reviewed by:

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 2-15-15 to 2-15-15 Location: Dome 375 Cell 1

Jul 2/15/15

	Start Time: 6.[6] <u>0633</u>	Start Time: 6.[6] <u>0731</u>	Start Time: 6.[6] <u>0830</u>	Start Time: 6.[6] <u>0933</u>	Start Time: 6.[6] <u>1032</u>	Start Time: 6.[6] <u>1132</u>	Start Time: 6.[6] <u>1229</u>	Start Time: 6.[6] <u>1328</u>	Start Time: 6.[6] <u>1432</u>	Start Time: 6.[6] <u>1533</u>	Start Time: 6.[6] <u>1629</u>	Start Time: 6.[6] <u>1734</u>	Start Time: 6.[6]	Start Time: 6.[6]	
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: <u>NA</u> File Number: <u>NA</u>	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: <u>NA</u> File Number: <u>NA</u>	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: <u>NA</u> File Number: <u>NA</u>	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: <u>NA</u> File Number: <u>NA</u>	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: <u>NA</u> File Number: <u>NA</u>	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: <u>NA</u> File Number: <u>NA</u>	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: <u>NA</u> File Number: <u>NA</u>	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: <u>NA</u> File Number: <u>NA</u>	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: <u>NA</u> File Number: <u>NA</u>	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: <u>NA</u> File Number: <u>NA</u>	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: <u>NA</u> File Number: <u>NA</u>	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: <u>NA</u> File Number: <u>NA</u>	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: <u>NA</u> File Number: <u>NA</u>	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: <u>NA</u> File Number: <u>NA</u>	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: <u>NA</u> File Number: <u>NA</u>
Ambient Temperature (6.[7])	<u>51.03</u> °F	<u>50.9</u> °F	<u>51.77</u> °F	<u>51.56</u> °F	<u>52.70</u> °F	<u>55.41</u> °F	<u>56.81</u> °F	<u>57.68</u> °F	<u>59.06</u> °F	<u>58.98</u> °F	<u>58.93</u> °F	<u>57.73</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])	Temp (°F) (6.[8]/6.[9])
<u>68685T₁</u>	<u>52.34</u>	<u>52.36</u>	<u>53.2</u>	<u>52.41</u>	<u>52.93</u>	<u>55.55</u>	<u>56.89</u>	<u>57.78</u>	<u>59.11</u>	<u>58.97</u>	<u>58.77</u>	<u>57.54</u>			
<u>68685T₂</u>	<u>51.70</u>	<u>51.68</u>	<u>52.61</u>	<u>51.75</u>	<u>52.37</u>	<u>54.84</u>	<u>56.09</u>	<u>57.03</u>	<u>58.24</u>	<u>58.13</u>	<u>57.98</u>	<u>56.80</u>			
<u>50522T₄</u>	<u>52.41</u>	<u>52.33</u>	<u>52.79</u>	<u>52.63</u>	<u>52.85</u>	<u>54.82</u>	<u>55.89</u>	<u>56.72</u>	<u>57.79</u>	<u>57.86</u>	<u>57.75</u>	<u>56.98</u>			
<u>50522T₅</u>	<u>52.16</u>	<u>52.10</u>	<u>52.63</u>	<u>52.4</u>	<u>52.82</u>	<u>54.89</u>	<u>55.96</u>	<u>56.72</u>	<u>57.82</u>	<u>57.79</u>	<u>57.72</u>	<u>56.85</u>	<u>NA</u>	<u>NA</u>	

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6.[6] Date: From 2-15-15 to 2-15-15 Location: Dome 375 Cell 1

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.[12])	51.03 °F	50.91 °F	51.63 °F	51.56 °F	52.73 °F	55.41 °F	56.81 °F	57.68 °F	59.06 °F	58.98 °F	58.93 °F	57.73 °F	°F	°F
End Time (6.[13])	0634 5103 EC 2-15-15	0734	0831	0934	1033	1133	1230	1329	1433	1534	1630	1735		
6.[13]	Operator: JK	Operator: JM	Operator: JM	Operator: JM	Operator: JM	Operator: JM	Operator: JM	Operator: JM	Operator: JM	Operator: JM	Operator: JM	Operator: JM	Operator:	Operator:

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6.[6] Date: From 2-15-15 to 2-15-15 Location: Room 375 Cell 1

6.[2] Comments: Did not enter 375 permacon due to standing order 1247R.2. Temps take with data logger.

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Juan Garcia	<i>Juan Garcia</i>	1169890	JG	2-15-15
Operator (print)	Signature	Z#	Initials	Date
Eloy D. Cordova	<i>Eloy D. Cordova</i>	1114180	EC	2-15-15
Operator (print)	Signature	Z#	Initials	Date
JARVIS MARQUEZ	<i>JM</i>	2867557	JM	2/15/15
Operator (print)	Signature	Z#	Initials	Date
Jackie Romero	<i>Jackie Romero</i>	1870669	JR	2-15-15
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

8.1[2] Reviewed by:

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 2-15-15 to 2-16-15 Location: Dome 375 Cell 1

	Start Time: 6.[6] <u>1830</u>	Start Time: 6.[6] <u>1931</u>	Start Time: 6.[6] <u>2027</u>	Start Time: 6.[6] <u>2130</u>	Start Time: 6.[6] <u>2228</u>	Start Time: 6.[6] <u>2327</u>	Start Time: 6.[6] <u>0030</u>	Start Time: 6.[6] <u>0129</u>	Start Time: 6.[6] <u>0230</u>	Start Time: 6.[6] <u>0330</u>	Start Time: 6.[6] <u>0429</u>	Start Time: 6.[6] <u>0530</u>	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: File Number:	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: File Number:	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: File Number:	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: File Number:	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: File Number:	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: File Number:	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: File Number:	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: File Number:	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: File Number:	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: File Number:	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: File Number:	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: File Number:	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: File Number:	Brand: <u>NA</u> Model: <u>NA</u> Cal. Due Date: File Number:
Ambient Temperature (6.7)	<u>55.13</u> °F	<u>54.01</u> °F	<u>52.53</u> °F	<u>52.31</u> °F	<u>51.84</u> °F	<u>52.54</u> °F	<u>51.74</u> °F	<u>51.1</u> °F	<u>50.26</u> °F	<u>50.28</u> °F	<u>49.46</u> °F	<u>48.65</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>55.07</u>	<u>54.11</u>	<u>52.57</u>	<u>52.55</u>	<u>52.44</u>	<u>53.33</u>	<u>52.70</u>	<u>52.2</u>	<u>51.58</u>	<u>51.91</u>	<u>51.35</u>	<u>50.74</u>	<u>NA</u>	<u>NA</u>
<u>68685 T2</u>	<u>54.35</u>	<u>53.49</u>	<u>52.03</u>	<u>52.12</u>	<u>51.87</u>	<u>52.84</u>	<u>52.177</u>	<u>51.68</u>	<u>50.97</u>	<u>51.20</u>	<u>50.63</u>	<u>49.95</u>	<u>NA</u>	<u>NA</u>
<u>50522 T4</u>	<u>55.05</u>	<u>54.27</u>	<u>53.15</u>	<u>52.76</u>	<u>52.89</u>	<u>53.24</u>	<u>52.71</u>	<u>52.35</u>	<u>51.90</u>	<u>52.01</u>	<u>51.57</u>	<u>51.08</u>	<u>NA</u>	<u>NA</u>
<u>50522 T5</u>	<u>54.81</u>	<u>54.09</u>	<u>52.89</u>	<u>52.46</u>	<u>52.68</u>	<u>53.11</u>	<u>52.50</u>	<u>52.11</u>	<u>51.66</u>	<u>51.79</u>	<u>51.29</u>	<u>50.81</u>	<u>NA</u>	<u>NA</u>

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6.[6] Date: From 2-15-15 to 2-16-15 Location: Dome 375 Cell 1

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])
Ambient Temperature (6.[12])	<u>55.10 °F</u>	<u>54.01 °F</u>	<u>52.53 °F</u>	<u>52.31 °F</u>	<u>51.84 F</u>	<u>52.54 F</u>	<u>51.74 °F</u>	<u>51.1 °F</u>	<u>50.26 F</u>	<u>50.28 °F</u>	<u>49.46 °F</u>	<u>48.61 F</u>		
End Time (6.[13])	<u>1831</u>	<u>1931</u>	<u>2027</u>	<u>2131</u>	<u>2228</u>	<u>2327</u>	<u>0030</u>	<u>0129</u>	<u>0230</u>	<u>0330</u>	<u>0429</u>	<u>0531</u>		
6.[13]	Operator: <u>JU</u> Operator: <u>TR</u>	Operator: <u>WSK</u> Operator: <u>JU</u>	Operator: <u>WSK</u> Operator: <u>JU</u>	Operator: <u>JU</u> Operator: <u>WSK</u>	Operator: <u>WSK</u> Operator: <u>TR</u>	Operator: <u>WSK</u> Operator: <u>JU</u>	Operator: <u>WSK</u> Operator: <u>TR</u>	Operator: <u>WSK</u> Operator: <u>JU</u>	Operator: <u>WSK</u> Operator: <u>TR</u>	Operator: <u>WSK</u> Operator: <u>TR</u>	Operator: <u>TR</u> Operator: <u>JU</u>	Operator: <u>JU</u> Operator: <u>TR</u>	Operator:	Operator:

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6.[6] Date: From 2-15-15 to 2-16-15 Location: Dome 375 Cell 1

6.[2] Comments: Did not enter dome 375 because per standing order 1247 Rev. 2. Temperatures taken from Dome 375 Control room.

N/A

6.[17] Performed by:

<u>Willie J. Cordova</u>	<u>[Signature]</u>	<u>1129071</u>	<u>LOK</u>	<u>2-15-15</u>
Operator (print)	Signature	Z#	Initials	Date
<u>John Quintana</u>	<u>[Signature]</u>	<u>119058</u>	<u>JTQ</u>	<u>2-15-15</u>
Operator (print)	Signature	Z#	Initials	Date
<u>Timmy Romero</u>	<u>[Signature]</u>	<u>234253</u>	<u>TR</u>	<u>2-16-15</u>
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

8.1[2] Reviewed by:

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 2-16-15 to 2-16-15 Location: Dome 375 Cell 1

	Start Time: 6.[6] <u>0629</u>	Start Time: 6.[6] <u>0728</u>	Start Time: 6.[6] <u>0826</u>	Start Time: 6.[6] <u>0924</u>	Start Time: 6.[6] <u>1023</u>	Start Time: 6.[6] <u>1125</u>	Start Time: 6.[6] <u>1226</u>	Start Time: 6.[6] <u>1329</u>	Start Time: 6.[6] <u>1427</u>	Start Time: 6.[6] <u>1525</u>	Start Time: 6.[6] <u>1626</u>	Start Time: 6.[6] <u>1727</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: _____	Brand: _____ Model: _____ Cal. Due Date: _____ File Number: _____
Ambient Temperature (6.[7])	<u>48.23</u> °F	<u>47.44</u> °F	<u>47.87</u> °F	<u>50.08</u>	<u>52.21</u>	<u>51.59</u>	<u>51.17</u> °F	<u>52.04</u>	<u>52.23</u>	<u>52.92</u>	<u>51.82</u> °F	<u>52.56</u>	_____°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>69695 T1</u>	<u>50.31</u>	<u>49.67</u>	<u>49.93</u>	<u>51.27</u>	<u>52.92</u>	<u>53.12</u>	<u>52.45</u>	<u>53.04</u>	<u>52.41</u>	<u>52.89</u>	<u>51.96</u>	<u>53.11</u>			
<u>69696 T2</u>	<u>49.54</u>	<u>48.90</u>	<u>49.27</u>	<u>51.66</u>	<u>52.24</u>	<u>52.43</u>	<u>51.82</u>	<u>52.25</u>	<u>51.76</u>	<u>52.80</u>	<u>51.38</u>	<u>52.57</u>			
<u>80822 T4</u>	<u>50.72</u>	<u>50.16</u>	<u>50.27</u>	<u>51.57</u>	<u>52.47</u>	<u>52.69</u>	<u>52.33</u>	<u>52.92</u>	<u>52.47</u>	<u>52.89</u>	<u>52.28</u>	<u>52.94</u>			
<u>80522 T5</u>	<u>50.45</u>	<u>49.92</u>	<u>50.02</u>	<u>51.87</u>	<u>52.21</u>	<u>52.45</u>	<u>52.09</u>	<u>52.66</u>	<u>52.38</u>	<u>52.89</u>	<u>52.13</u>	<u>52.87</u>		<u>N/A</u>	

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6.[6] Date: From 2-16-15 to 2-16-15 Location: Dome 375 Cell 1

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])
Ambient Temperature (6.[12])	48.23°F	47.44°F	47.87°F	50.08	51.24	51.62	51.26	52.04	52.23	52.92	51.82°F	52.56°F	°F	°F
End Time (6.[13])	0630	0728	0827	0925	1024	1126	1227	1330	1428	1526	1627	1727		
6.[13]	Operator: <u>W</u> Operator: <u>SC</u>	Operator: <u>W</u> Operator: <u>SC</u>	Operator: <u>W</u> Operator: <u>SC</u>	Operator: <u>DA</u> Operator: <u>W</u>	Operator: <u>DA</u> Operator: <u>W</u>	Operator: <u>DA</u> Operator: <u>W</u>	Operator: <u>DA</u> Operator: <u>W</u>	Operator: <u>DA</u> Operator: <u>W</u>	Operator: <u>DA</u> Operator: <u>W</u>	Operator: <u>DA</u> Operator: <u>W</u>	Operator: <u>W</u> Operator: <u>SC</u>	Operator: <u>W</u> Operator: <u>SC</u>	Operator:	Operator:

N/A

N/A

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

6.[6] Date: From 2-16-15 to 2-17-15 Location: Dome 375 Cell 1

	Start Time: 6 [6] 1828	Start Time: 6 [6] 1927	Start Time: 6 [6] 2028	Start Time: 6 [6] 2130	Start Time: 6 [6] 2229	Start Time: 6 [6] 2331	Start Time: 6 [6] 0026	Start Time: 6 [6] 0130	Start Time: 6 [6] 0225	Start Time: 6 [6] 0330	Start Time: 6 [6] 0428	Start Time: 6 [6] 0522	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 (6.17)	52.20°F	50.76°F	50.01°F	50.36°F	50.59°F	50.96°F	50.75°F	50.75°F	50.54°F	50.61°F	50.67°F	50.38°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)
68685 (T1)	53.01	51.73	51.50	51.94	52.18	52.56	52.52	52.55	52.44	52.42	52.44	52.22		
68685 (T2)	52.44	51.15	50.77	51.64	51.47	51.86	51.71	51.78	51.62	51.60	51.55	51.36	N/A	N/A
50522 (T4)	52.71	51.78	51.75	51.91	52.01	52.30	52.26	52.26	52.18	52.14	52.14	52.01		
50522 (T5)	52.56	51.72	51.46	51.64	51.75	51.98	51.94	51.97	51.87	51.83	51.86	51.69		

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6.[6] Date: From 2-16-15 to 2-17-15 Location: Dome 375

6.[2] Comments: Did not enter permacon per standing order 1247 R.2. All temps are taken from data logger in control room in Dome 375

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
	<i>John Quintana</i>	119055	JQ	2-16-15
Operator (print)	Signature	Z#	Initials	Date
	<i>Willie J. Baker</i>	119071	WB	2-16-15
Operator (print)	Signature	Z#	Initials	Date
	<i>Jimmy Romero + Tony Brown</i>	234253	TR	2-17-15
Operator (print)	Signature	Z#	Initials	Date
	N/A			
Operator (print)	Signature	Z#	Initials	Date
	N/A			
Operator (print)	Signature	Z#	Initials	Date
	N/A			
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
Operator (print)	Signature	Z#	Initials	Date
Operator (print)	Signature	Z#	Initials	Date
Operator (print)	Signature	Z#	Initials	Date
Operator (print)	Signature	Z#	Initials	Date

8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date
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