

From: Haagenstad, Mark P

Sent: Monday, January 05, 2015 3:54 PM

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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; Haagenstad, Mark P

Subject: Daily Technical Submission - January 5, 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.

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NMED / LANL Technical Summary

January 5, 2015

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 three 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.
 - January 3-5, 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 January, LANL has conducted HSG sampling on 7 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.

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

Other:

- Verbal and written notifications were provided to NMED-HWB's Steve Pullen on December 29, 2014 regarding the Fire Watch that was established within Dome 231 at 2:30 am on December 29, 2014 after a nitrogen leak was discovered in the dry pipe suppression system located within the Permacon in Dome 231. The Fire Watch will be in effect until the system can be repaired the week of January 5, 2015.

Next Call: Tuesday, January 6, 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	---	Complete Empty Parent June 16, 2014 Unremediated August 14, 2014 (Supplemental information discussed on sampling of parent containers) August 26, 2014 (Letter on applicability of LANL HWFP for opening waste containers)

	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	In Progress Meeting scheduled for Monday September 29th	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.
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	In Progress Additions to original questions added during technical phone call December 9, 2014.	
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.	

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
01/03/15	134	400	9306	2502								
01/04/15	129	378	9949	2667								
01/05/15	150	421	11541	3181	173	480	15874	2229	108	279	6961	345

Remediated Nitrate Salt Container Headspace Gas Analysis

	69616				SB50069				SB50452			
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
01/03/15												
01/04/15												
01/05/15	364	868	22438	4615	313	752	18508	2456	619	723	15940	3010

Remediated Nitrate Salt Container Headspace Gas Analysis

	SB50522			
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
01/03/15	1802	385	33184	844
01/04/15	1717	375	34290	870
01/05/15	1912	463	39690	971

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

6.[6] Date: From 12-29-14 to 1-4-15

	Monday 6.[6] Start Time: <u>0824</u>	Tuesday 6.[6] Start Time: <u>0806</u>	Wednesday 6.[6] Start Time: <u>0905</u>	Thursday 6.[6] Start Time: <u>0835</u>	Friday 6.[6] Start Time: <u>0812</u>	Saturday 6.[6] Start Time: <u>0824</u>	Sunday 6.[6] Start Time: <u>0822</u>
TA-54-231							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: <u>Fluke</u> Model: <u>561 2C12294</u> Cal. Due Date: <u>7-29-15</u> File Number <u>101974</u>	Brand: <u>FLUKE SM</u> Model: <u>561 12294</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>	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>19.8</u> °F	<u>26.0</u> °F	<u>20.9</u> °F	<u>28.1</u> °F	<u>22.5</u> °F	<u>22.4</u> °F	<u>23.3</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>20.1</u>	<u>27.2</u>	<u>22.4</u>	<u>25.8</u>	<u>21.9</u>	<u>24.9</u>	<u>24.1</u>
S802833	<u>19.1</u>	<u>26.4</u>	<u>21.3</u>	<u>25.3</u>	<u>21.0</u>	<u>22.4</u>	<u>23.7</u>
S801676	<u>18.8</u>	<u>26.3</u>	<u>21.8</u>	<u>25.5</u>	<u>20.6</u>	<u>23.3</u>	<u>23.8</u>
S816810	<u>17.7</u>	<u>24.1</u>	<u>18.9</u>	<u>24.3</u>	<u>19.1</u>	<u>20.7</u>	<u>21.3</u>
70069	<u>17.3</u>	<u>23.6</u>	<u>19.5</u>	<u>22.8</u>	<u>18.5</u>	<u>20.3</u>	<u>20.8</u>
S822844	<u>17.9</u>	<u>23.9</u>	<u>18.4</u>	<u>22.9</u>	<u>18.6</u>	<u>20.6</u>	<u>20.9</u>
S825879	<u>17.2</u>	<u>23.7</u>	<u>19.3</u>	<u>23.0</u>	<u>18.9</u>	<u>20.3</u>	<u>21.2</u>
S793724	<u>17.8</u>	<u>24.1</u>	<u>18.5</u>	<u>23.1</u>	<u>19.1</u>	<u>20.2</u>	<u>21.5</u>
S813545	<u>17.0</u>	<u>24.4</u>	<u>19.4</u>	<u>23.2</u>	<u>18.1</u>	<u>20.9</u>	<u>21.6</u>
S822713	<u>19.3</u>	<u>26.1</u>	<u>21.0</u>	<u>24.9</u>	<u>21.4</u>	<u>23.9</u>	<u>22.3</u>
S802739	<u>19.6</u>	<u>26.2</u>	<u>21.2</u>	<u>25.1</u>	<u>20.7</u>	<u>23.6</u>	<u>23.0</u>
69907	<u>20.6</u>	<u>26.2</u>	<u>21.9</u>	<u>25.2</u>	<u>20.3</u>	<u>23.1</u>	<u>23.4</u>
S804995	<u>19.5</u>	<u>26.4</u>	<u>22.4</u>	<u>25.7</u>	<u>21.9</u>	<u>23.9</u>	<u>24.4</u>
S816434	<u>20.9</u>	<u>27.6</u>	<u>23.6</u>	<u>27.0</u>	<u>23.9</u>	<u>25.1</u>	<u>25.5</u>

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6.[6] Date: From 12-29-14 to 1-4-15

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	21.6	21.9	22.0	21.2	23.6	24.3	25.1
S862888	19.6	21.0	22.6	25.8	22.1	24.1	24.4
70072	19.5	26.2	21.3	25.2	20.6	23.5	23.9
S823184	20.3	26.1	21.3	25.2	20.8	22.9	23.4
S822599	19.0	25.9	20.5	24.9	20.9	22.4	23.5
69904	18.7	25.1	20.1	23.5	20.4	21.6	22.0
S805051	19.1	25.8	19.7	23.4	19.6	21.1	21.8
S864213	17.9	24.3	19.4	23.2	JV 2.15 19.9 19.9	21.4	21.9
S853714	17.2	24.7	19.3	23.0	19.2	21.0	21.7
S803078	17.6	25.2	19.3	23.1	18.9	20.8	21.6
S825878	17.9	25.5	19.6	23.3	19.8	21.5	22.0
S823124	19.2	26.5	20.5	23.6	19.9	21.5	22.2
S804948	20.1	26.7	22.0	25.4	21.6	23.6	24.1
S813385	21.8	26.5	21.5	25.6	22.1	23.9	24.3
S842446	22.8	28.5	23.9	27.1	24.0	26.0	26.2
Ambient Temperature (6.[12])	21.5 °F	26.1 °F	22.3 °F	27.5 °F	23.6 °F	23.5 °F	24.4 °F
End Time (6.[13])	0830	0808	0807	0844	0818	0829	0828
6.[13]	Operator: <u>EC</u> Operator: <u>FP</u>	Operator: <u>JM</u> Operator: <u>TP</u>	Operator: <u>LM</u> Operator: <u>TP</u>	Operator: <u>TP</u> Operator: <u>LM</u>	Operator: <u>JR</u> Operator: <u>EC</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 12-29-14 to 1-4-15

6.[2] Comments: _____

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Elvira Cordero A	[Signature]	1114188	EC	12-29-14
Pancho Miera	[Signature]	1235765	TM	12-29-14
JARYD MARQUEZ	[Signature]	1296755	JM	12/30/14
Pancho Miera	[Signature]	1235765	TM	12-30-14
Leon Montoya	[Signature]	119526	LM	12-31-14
Pancho Miera	[Signature]	1235765	TM	12-31-14
Pancho Miera	[Signature]	1235765	TM	1-1-15

Operator (print)	Signature	Z#	Initials	Date
Leon Montoya	[Signature]	119526	LM	11/1/15
Jackie Romero	[Signature]	1187066	JR	11/2/15
Elvira Cordero A	[Signature]	1114188	EC	11/2/15
Jackie Romero	[Signature]	1187066	JR	11-3-15
Elvira Cordero A	[Signature]	1114188	EC	11-3-15
Jackie Romero	[Signature]	1187066	JR	11-4-15
Elvira Cordero A	[Signature]	1114188	EC	11-4-15

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 12-29-14 to 1-4-15

	Monday 6.[6] Start Time: <u>0759</u>	Tuesday 6.[6] Start Time: <u>0843</u>	Wednesday 6.[6] Start Time: <u>0735</u>	Thursday 6.[6] Start Time: <u>0756</u>	Friday 6.[6] Start Time: <u>0747</u>	Saturday 6.[6] Start Time: <u>0735</u>	Sunday 6.[6] Start Time: <u>0730</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>38.5</u> °F	<u>42.4</u> °F	<u>38.9</u> °F	<u>39.1</u> °F	<u>37.7</u> °F	<u>39.1</u> °F	<u>40.7</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>42.9</u>	<u>46.4</u>	<u>43.1</u>	<u>44.5</u>	<u>41.1</u>	<u>43.1</u>	<u>42.4</u>
LA00000070503	68540	<u>42.4</u>	<u>46.0</u>	<u>42.1</u>	<u>44.8</u>	<u>41.2</u>	<u>43.5</u>
	68553	<u>41.0</u>	<u>45.3</u>	<u>40.8</u>	<u>45.2</u>	<u>38.6</u>	<u>42.8</u>
69445	<u>41.4</u>	<u>45.3</u>	<u>42.1</u>	<u>44.5</u>	<u>41.0</u>	<u>43.0</u>	<u>42.1</u>
69618	<u>40.9</u>	<u>44.5</u>	<u>41.4</u>	<u>39.9</u>	<u>39.4</u>	<u>40.7</u>	<u>41.9</u>
69013	<u>43.0</u>	<u>45.6</u>	<u>42.1</u>	<u>44.8</u>	<u>41.4</u>	<u>43.4</u>	<u>44.4</u>
LASB50522	<u>44.0</u>	<u>46.3</u>	<u>44.1</u>	<u>47.0</u>	<u>41.1</u>	<u>45.3</u>	<u>45.9</u>
LASB50452	<u>43.2</u>	<u>46.3</u>	<u>43.4</u>	<u>47.3</u>	<u>43.7</u>	<u>44.9</u>	<u>45.5</u>
LASB50431	<u>44.1</u>	<u>47.2</u>	<u>44.0</u>	<u>47.5</u>	<u>44.2</u>	<u>45.1</u>	<u>45.9</u>
LASB50069	<u>43.3</u>	<u>46.7</u>	<u>43.7</u>	<u>46.3</u>	<u>42.5</u>	<u>44.3</u>	<u>44.5</u>
LASB50073	<u>43.7</u>	<u>47.8</u>	<u>43.9</u>	<u>46.6</u>	<u>43.3</u>	<u>44.7</u>	<u>45.3</u>
69636	<u>43.8</u>	<u>47.6</u>	<u>44.6</u>	<u>47.2</u>	<u>43.6</u>	<u>45.3</u>	<u>45.8</u>
69616	<u>44.3</u>	<u>47.4</u>	<u>44.7</u>	<u>46.2</u>	<u>44.7</u>	<u>46.0</u>	<u>46.5</u>
69417	<u>43.8</u>	<u>47.5</u>	<u>44.2</u>	<u>46.1</u>	<u>43.3</u>	<u>44.4</u>	<u>45.4</u>

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6.[6] Date: From 12-29-14 to 1-4-15

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	44.2	47.2	43.7	46.0	43.5	45.1	45.5
69520	43.6	47.2	44.1	45.9	43.8	44.7	44.9
69641	45.1	48.3	44.6	47.3	44.5	45.4	45.9
69298	44.7	48.1	45.3	47.1	44.7	46.0	46.5
LASB02203	44.7	48.5	45.8	47.5	44.1	45.5	46.1
Ambient Temperature (6.[12])	39.2 °F	42.8 °F	39.4 °F	39.5 °F	38.8 °F	39.8 °F	43.1 °F
End Time (6.[13])	0802	0846	0737	0803	0753	0741	0735
6.[13]	Operator: <u>JM</u> Operator: <u>PA</u>	Operator: <u>JM</u> Operator: <u>PL</u>	Operator: <u>LM</u> Operator: <u>PL</u>	Operator: <u>PL</u> Operator: <u>LM</u>	Operator: <u>PL</u> Operator: <u>LM</u>	Operator: <u>PL</u> Operator: <u>LM</u>	Operator: <u>PL</u> Operator: <u>LM</u>

6.[2] Comments:

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6.[6] Date: From 12-29-14 to 1-4-15

6.[17] Performed by:

JARVD MALQUEZ		1286755	JM	12/29/14
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	12-29-14
Operator (print)	Signature	Z#	Initials	Date
JARVD MALQUEZ		1286755	JM	12/30/14
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	12-30-14
Operator (print)	Signature	Z#	Initials	Date
Leon Montoya		191526	LM	12-31-14
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	12-31-14
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	11-1-15
Operator (print)	Signature	Z#	Initials	Date

Leon Montoya		191526	LM	11/1/15
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	11-2-15
Operator (print)	Signature	Z#	Initials	Date
Leon Montoya		191526	LM	11-2-15
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	11-3-15
Operator (print)	Signature	Z#	Initials	Date
Leon Montoya		191526	LM	11-3-15
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	11-4-15
Operator (print)	Signature	Z#	Initials	Date
Leon Montoya		191526	LM	11-4-15
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 2 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[6] Date: From 12-29-14 to 1-4-15

	Monday 6.[6] Start Time: <u>0804</u>	Tuesday 6.[6] Start Time: <u>0847</u>	Wednesday 6.[6] Start Time: <u>0746</u>	Thursday 6.[6] Start Time: <u>0804</u>	Friday 6.[6] Start Time: <u>0754</u>	Saturday 6.[6] Start Time: <u>0742</u>	Sunday 6.[6] Start Time: <u>0736</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>42.0</u> °F	<u>46.8</u> °F	<u>44.6</u> °F	<u>44.3</u> °F	<u>42.8</u> °F	<u>43.1</u> °F	<u>44.7</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>43.1</u>	<u>47.2</u>	<u>44.1</u>	<u>44.0</u>	<u>42.2</u>	<u>45.0</u>	<u>45.6</u>
68638	<u>42.1</u>	<u>48.3</u>	<u>44.5</u>	<u>45.3</u>	<u>42.1</u>	<u>43.2</u>	<u>45.7</u>
69615	<u>43.6</u>	<u>44.6</u>	<u>45.6</u>	<u>46.6</u>	<u>44.4</u>	<u>45.1</u>	<u>46.1</u>
69635	<u>44.9</u>	<u>50.0</u>	<u>46.9</u>	<u>47.5</u>	<u>45.5</u>	<u>46.1</u>	<u>47.1</u>
69642	<u>44.3</u>	<u>49.0</u>	<u>45.9</u>	<u>46.6</u>	<u>43.4</u>	<u>44.5</u>	<u>45.5</u>
69630	<u>43.7</u>	<u>49.1</u>	<u>45.5</u>	<u>46.4</u>	<u>43.6</u>	<u>44.9</u>	<u>45.8</u>
69633	<u>44.7</u>	<u>49.5</u>	<u>46.7</u>	<u>46.7</u>	<u>44.4</u>	<u>45.8</u>	<u>45.9</u>
68430	<u>43.8</u>	<u>48.6</u>	<u>46.5</u>	<u>46.0</u>	<u>43.6</u>	<u>44.7</u>	<u>45.2</u>
68631	<u>43.3</u>	<u>48.2</u>	<u>45.2</u>	<u>46.1</u>	<u>43.3</u>	<u>44.3</u>	<u>45.2</u>
69634	<u>42.6</u>	<u>47.2</u>	<u>44.5</u>	<u>45.7</u>	<u>42.7</u>	<u>43.9</u>	<u>44.5</u>
68567	<u>41.6</u>	<u>47.4</u>	<u>44.3</u>	<u>44.3</u>	<u>42.0</u>	<u>43.1</u>	<u>43.9</u>
94227	<u>43.8</u>	<u>47.9</u>	<u>45.1</u>	<u>45.3</u>	<u>43.4</u>	<u>45.8</u>	<u>45.5</u>
LASB50442	<u>44.2</u>	<u>49.0</u>	<u>45.6</u>	<u>46.9</u>	<u>45.2</u>	<u>45.2</u>	<u>45.9</u>
69644	<u>44.4</u>	<u>49.6</u>	<u>46.6</u>	<u>46.8</u>	<u>44.9</u>	<u>45.6</u>	<u>46.2</u>
LASB50443	<u>44.6</u>	<u>49.3</u>	<u>45.7</u>	<u>45.6</u>	<u>43.3</u>	<u>44.8</u>	<u>45.2</u>
69638	<u>44.5</u>	<u>48.5</u>	<u>45.9</u>	<u>47.2</u>	<u>44.8</u>	<u>46.2</u>	<u>46.0</u>

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6.[6] Date: From 12-29-14 to 1-4-15

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	45.4	49.6	46.7	47.6	45.8	46.1	46.5
68507	45.4	49.4	47.3	47.3	45.4	45.8	46.8
69568	45.3	48.8	46.7	45.6	43.4	45.1	44.8
69553	43.5	46.9	45.1	45.2	42.5	43.3	44.2
69598	43.1	46.9	44.2	44.7	42.5	43.8	44.8
LASB50559	45.0	48.9	45.9	46.1	44.4	45.2	45.5
69015	45.7	49.9	47.2	47.7	45.8	46.6	47.2
69639	46.2	50.9	47.4	47.8	45.9	46.9	47.5
69637	44.4	48.9	46.4	46.4	44.8	46.1	47.0
Ambient Temperature (6.[12])	42.9 °F	46.5 °F	44.6 °F	45.4 °F	42.4 °F	44.0 °F	43.8 °F
End Time (6.[13])	0808	0850	0742	0810	0801	0747	0741
6.[13]	Operator: <u>JM</u> Operator: <u>PA</u>	Operator: <u>JM</u> Operator: <u>PA</u>	Operator: <u>JM</u> Operator: <u>PA</u>	Operator: <u>TP</u> Operator: <u>LM</u>	Operator: <u>TP</u> Operator: <u>LM</u>	Operator: <u>TP</u> Operator: <u>LM</u>	Operator: <u>TP</u> Operator: <u>LM</u>

6.[2] Comments:

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6.[6] Date: From 12-29-14 to 1-4-15

6.[17] Performed by:

JARID MARQUEZ		1286755	JM	12/29/14
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	12-29-14
Operator (print)	Signature	Z#	Initials	Date
JARID MARQUEZ		1286755	JM	12/30/14
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	12-30-14
Operator (print)	Signature	Z#	Initials	Date
Leon Montoya		1191526	LM	12-31-14
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	12-31-14
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	11-1-15
Operator (print)	Signature	Z#	Initials	Date

Leon Montoya		1191526	LM	11/1/15
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	11-2-15
Operator (print)	Signature	Z#	Initials	Date
Leon Montoya		1191526	LM	11-2-15
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	11-3-15
Operator (print)	Signature	Z#	Initials	Date
Leon Montoya		1191526	LM	11-3-15
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	11-4-15
Operator (print)	Signature	Z#	Initials	Date
Leon Montoya		1191526	LM	11-4-15
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 3 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[6] Date: From 12-29-14 to 1-4-15

	Monday 6.[6] Start Time: <u>0754</u>	Tuesday 6.[6] Start Time: <u>0838</u>	Wednesday 6.[6] Start Time: <u>0730</u>	Thursday 6.[6] Start Time: <u>0750</u>	Friday 6.[6] Start Time: <u>0742</u>	Saturday 6.[6] Start Time: <u>0730</u>	Sunday 6.[6] Start Time: <u>0725</u>
TA-54-375 Cell 3							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101916</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101916</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101916</u>	Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101916</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101916</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101916</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101916</u>
Ambient Temperature (6.[7])	<u>43.7</u> °F	<u>46.6</u> °F	<u>44.0</u> °F	<u>45.1</u> °F	<u>42.9</u> °F	<u>44.0</u> °F	<u>45.0</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])
69519	<u>46.5</u>	<u>48.9</u>	<u>46.2</u>	<u>48.1</u>	<u>45.7</u>	<u>46.6</u>	<u>46.6</u>
69645	<u>46.4</u>	<u>49.2</u>	<u>46.6</u>	<u>48.1</u>	<u>45.9</u>	<u>47.0</u>	<u>46.8</u>
94068	<u>45.9</u>	<u>48.5</u>	<u>45.9</u>	<u>47.9</u>	<u>46.0</u>	<u>46.7</u>	<u>47.4</u>
93605	<u>45.5</u>	<u>48.0</u>	<u>45.3</u>	<u>46.5</u>	<u>44.1</u>	<u>45.3</u>	<u>46.4</u>
69548	<u>44.8</u>	<u>46.9</u>	<u>44.1</u>	<u>46.5</u>	<u>45.7</u>	<u>46.1</u>	<u>46.0</u>
69604	<u>45.3</u>	<u>49.3</u>	<u>45.1</u>	<u>46.9</u>	<u>44.7</u>	<u>46.0</u>	<u>46.5</u>
LASB50529	<u>46.4</u>	<u>44.6</u>	<u>45.9</u>	<u>47.5</u>	<u>45.2</u>	<u>46.4</u>	<u>46.7</u>
LASB50418	<u>46.0</u>	<u>48.9</u>	<u>46.5</u>	<u>47.9</u>	<u>46.1</u>	<u>46.9</u>	<u>47.1</u>
69036	<u>45.2</u>	<u>48.8</u>	<u>45.2</u>	<u>48.6</u>	<u>45.1</u>	<u>45.9</u>	<u>46.4</u>
LASB50451	<u>45.1</u>	<u>48.4</u>	<u>45.2</u>	<u>47.0</u>	<u>44.2</u>	<u>45.5</u>	<u>45.4</u>
69559	<u>44.5</u>	<u>47.6</u>	<u>44.4</u>	<u>46.3</u>	<u>43.4</u>	<u>45.4</u>	<u>46.1</u>
LASB50448	<u>44.4</u>	<u>47.0</u>	<u>44.7</u>	<u>46.6</u>	<u>43.7</u>	<u>45.6</u>	<u>45.2</u>
Ambient Temperature (6.[12])	<u>43.6</u> °F	<u>46.9</u> °F	<u>43.9</u> °F	<u>45.8</u> °F	<u>43.4</u> °F	<u>44.0</u> °F	<u>44.6</u> °F
End Time (6.[13])	<u>0757</u>	<u>0841</u>	<u>0733</u>	<u>0755</u>	<u>0746</u>	<u>0734</u>	<u>0729</u>
6.[13]	Operator: <u>JM</u> Operator: <u>TP</u>	Operator: <u>JM</u> Operator: <u>TP</u>	Operator: <u>LM</u> Operator: <u>TP</u>	Operator: <u>TP</u> Operator: <u>LM</u>	Operator: <u>TP</u> Operator: <u>LM</u>	Operator: <u>TP</u> Operator: <u>LM</u>	Operator: <u>TP</u> Operator: <u>LM</u>

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6.[6] Date: From 12-29-14 to 1-4-15

6.[2] Comments:

6.[17] Performed by:

JARYD MARQUEZ		1286755	JM	12/29/14
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	12-29-14
Operator (print)	Signature	Z#	Initials	Date
JARYD MARQUEZ		1286755	JM	12/30/14
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	12-30-14
Operator (print)	Signature	Z#	Initials	Date
Leon Montoya		1191526	LM	12-31-14
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	12-31-14
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	1-1-15
Operator (print)	Signature	Z#	Initials	Date

Leon Montoya		1191526	LM	1/1/15
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	1-2-15
Operator (print)	Signature	Z#	Initials	Date
Leon Montoya		1191526	LM	1-2-15
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	1-3-15
Operator (print)	Signature	Z#	Initials	Date
Leon Montoya		1191526	LM	1-3-15
Operator (print)	Signature	Z#	Initials	Date
Pancho Miera		1235765	PM	1-4-15
Operator (print)	Signature	Z#	Initials	Date
Leon Montoya		1191526	LM	1-4-15
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 NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6.[6] Date: From ¹⁻²⁻¹⁵~~7-2-14~~ to 1-2-15 Location: Dome 375 Cell 1
~~EC 1-2-15~~

	Start Time: 6.[6] <u>0623</u>	Start Time: 6.[6] <u>0724</u>	Start Time: 6.[6] <u>0823</u>	Start Time: 6.[6] <u>0927</u>	Start Time: 6.[6] <u>1022</u>	Start Time: 6.[6] <u>1122</u>	Start Time: 6.[6] <u>1222</u>	Start Time: 6.[6] <u>1322</u>	Start Time: 6.[6] <u>1423</u>	Start Time: 6.[6] <u>1523</u>	Start Time: 6.[6] <u>1625</u>	Start Time: 6.[6] <u>1725</u>	Start Time: 6.[6] <u>N/A</u>	Start Time: 6.[6] <u>A</u>	
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>39.79</u>	<u>39.3</u> ^F	<u>40.06</u>	<u>42.29</u>	<u>44.55</u> ^F	<u>47.22</u> ^F	<u>49.48</u> ^F	<u>51.22</u> ^F	<u>51.59</u> ^F	<u>51.45</u> ^F	<u>50.69</u>	<u>49.55</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 T1</u>	<u>42.56</u>	<u>42.2</u>	<u>42.56</u>	<u>44.52</u>	<u>46.64</u>	<u>49.21</u>	<u>51.43</u>	<u>53.15</u>	<u>53.24</u>	<u>52.95</u>	<u>52.45</u>	<u>51.56</u>	<u>N/A</u>	<u>N/A</u>	
<u>68685 T2</u>	<u>41.76</u>	<u>41.39</u>	<u>41.88</u>	<u>43.95</u>	<u>45.98</u>	<u>48.40</u>	<u>50.50</u>	<u>52.08</u>	<u>52.16</u>	<u>51.90</u>	<u>51.47</u>	<u>50.46</u>	<u>N/A</u>	<u>N/A</u>	
<u>50522 T4</u>	<u>42.95</u>	<u>42.69</u>	<u>43.03</u>	<u>44.32</u>	<u>45.86</u>	<u>47.69</u>	<u>49.43</u>	<u>50.85</u>	<u>51.18</u>	<u>51.15</u>	<u>50.91</u>	<u>50.36</u>	<u>N/A</u>	<u>N/A</u>	
<u>50522 T5</u>	<u>42.44</u>	<u>42.12</u>	<u>42.36</u>	<u>43.81</u>	<u>45.38</u>	<u>47.22</u>	<u>48.99</u>	<u>50.33</u>	<u>50.72</u>	<u>50.71</u>	<u>50.34</u>	<u>49.79</u>	<u>N/A</u>	<u>N/A</u>	

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6.[6] Date: From 1-2-15 to 1-2-15 Location: Demo 3756111

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])	39.79°F	39.31°F	40.07°F	42.29°F	44.58°F	47.25°F	49.49°F	51.25°F	51.59°F	51.45°F	50.69°F	49.52°F	°F	°F
End Time (6.[13])	0624	0725	0824	0928	1023	1123	1223	1329	1424	1524	1626	1726		
6.[13] Operator:	Operator: <u>QA</u>	Operator: <u>QA</u>	Operator: <u>QA</u>	Operator: <u>QA</u>	Operator: <u>JK</u>	Operator: <u>JK</u>	Operator: <u>JK</u>	Operator: <u>EC</u>	Operator: <u>JK</u>	Operator: <u>JK</u>	Operator: <u>QA</u>	Operator: <u>EC</u>	Operator:	Operator:
Operator:	Operator: <u>EC</u>	Operator: <u>EC</u>	Operator: <u>EC</u>	Operator: <u>EC</u>	Operator: <u>EC</u>	Operator: <u>EC</u>	Operator: <u>EC</u>	Operator: <u>JK</u>	Operator: <u>QA</u>	Operator: <u>EC</u>	Operator: <u>EC</u>	Operator: <u>JK</u>	Operator:	Operator:

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

6.[2] Comments: Did not enter Permacon due to standing Order 1242 R2 all
temps were taken Data Logger computer in Dome 375.

N/A

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
<i>U. Aguirre</i>	<i>[Signature]</i>	<i>114188</i>	<i>EC</i>	<i>1-2-15</i>
<i>Clay D. Gordon</i>	<i>[Signature]</i>			
<i>Jackie Romero</i>	<i>[Signature]</i>	<i>118706</i>	<i>JR</i>	<i>1-2-15</i>
<i>Pancho Miera</i>	<i>[Signature]</i>	<i>123526</i>	<i>PM</i>	<i>1-2-15</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

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 01 02 15 to 01 03 15 Location: 375

	Start Time: 6.[6] <u>1930</u>	Start Time: 6.[6] <u>1932</u>	Start Time: 6.[6] <u>2030</u>	Start Time: 6.[6] <u>2132</u>	Start Time: 6.[6] <u>2233</u>	Start Time: 6.[6] <u>2335</u>	Start Time: 6.[6] <u>0029</u>	Start Time: 6.[6] <u>0125</u>	Start Time: 6.[6] <u>0230</u>	Start Time: 6.[6] <u>0328</u>	Start Time: 6.[6] <u>0430</u>	Start Time: 6.[6] <u>0523</u>	Start Time: 6.[6] <u>N</u>	Start Time: 6.[6] <u>A</u>	
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>49.40</u> °F	<u>46.79</u> °F	<u>46.85</u> °F	<u>46.97</u> °F	<u>46.65</u> °F	<u>46.42</u> °F	<u>46.12</u> °F	<u>46.0</u> °F	<u>43.96</u> °F	<u>43.72</u> °F	<u>42.12</u> °F	<u>41.39</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>51.61</u>	<u>49.03</u>	<u>49.12</u>	<u>49.22</u>	<u>49.01</u>	<u>48.76</u>	<u>48.46</u>	<u>48.10</u>	<u>46.52</u>	<u>46.38</u>	<u>45.40</u>	<u>44.28</u>			
<u>68689(T2)</u>	<u>50.20</u>	<u>48.16</u>	<u>48.27</u>	<u>48.38</u>	<u>48.15</u>	<u>47.89</u>	<u>47.6</u>	<u>46.97</u>	<u>45.6</u>	<u>45.52</u>	<u>44.92</u>	<u>43.98</u>	<u>N</u>	<u>A</u>	
<u>50522(T4)</u>	<u>50.33</u>	<u>46.79</u>	<u>48.4</u>	<u>48.47</u>	<u>48.34</u>	<u>48.18</u>	<u>47.91</u>	<u>47.23</u>	<u>46.93</u>	<u>46.70</u>	<u>44.80</u>	<u>44.64</u>			
<u>50522(T5)</u>	<u>50.12</u>	<u>48.38</u>	<u>47.83</u>	<u>47.84</u>	<u>47.69</u>	<u>47.55</u>	<u>47.31</u>	<u>47.18</u>	<u>46.39</u>	<u>46.21</u>	<u>45.32</u>	<u>44.61</u>			

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6.[6] Date: From 01 02 15 to 01 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])
Ambient Temperature (6.[12])	49.38°F	46.79 °F	46.85°F	46.97	49.01°F	46.42°F	46.7°F	46.0°F	43.96°F	43.68 °F	42.11°F ^{AV F-3-15} 42.11	41.39 °F	°F	°F
End Time (6.[13])	1831	1933	2031	2133	2233	2336	0230 0230 0230	0126	0231	0329	0431	0524		
6.[13]	Operator: CV Operator: WAC	Operator: CV Operator: MV	Operator: CV Operator: MV	Operator: CV Operator: MV	Operator: CV Operator: MV	Operator: CV Operator: MV	Operator: CV Operator: MV	Operator: CV Operator: MV	Operator: CV Operator: MV	Operator: CV Operator: MV	Operator: CV Operator: MV	Operator: CV Operator: MV	Operator: N	Operator: F Operator:

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6.[6] Date: From 01 02 15 to 01 03 15 Location: ^{NV 1-2-15} 23+ 375

6.[2] Comments:

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Chris Vigil		1630821CV		101-02-15
Operator (print)	Signature	Z#	Initials	Date
Michael Vigil		215267		11-2-15
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
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 1-3-15 to 1-3-15 Location: Dome 375 Cell 1

	Start Time: 6.[6] <u>0633</u>	Start Time: 6.[6] <u>0732</u>	Start Time: 6.[6] <u>0830</u>	Start Time: 6.[6] <u>0933</u>	Start Time: 6.[6] <u>1026</u>	Start Time: 6.[6] <u>1132</u>	Start Time: 6.[6] <u>1230</u>	Start Time: 6.[6] <u>1331</u>	Start Time: 6.[6] <u>1424</u>	Start Time: 6.[6] <u>1533</u>	Start Time: 6.[6] <u>1624</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: _____ 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>40.69</u> °F	<u>40.9</u> °F	<u>41.44</u> °F	<u>43.83</u> °F	<u>46.21</u> °F	<u>49.84</u> °F	<u>51.57</u> °F	<u>51.95</u> °F	<u>51.17</u> °F	<u>51.2</u> °F	<u>50.93</u> °F	<u>49.43</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>68685T₁</u>	<u>43.49</u>	<u>43.58</u>	<u>43.93</u>	<u>45.9</u>	<u>48.16</u>	<u>51.65</u>	<u>53.34</u>	<u>53.32</u>	<u>52.15</u>	<u>52.22</u>	<u>52.18</u>	<u>51.31</u>			
<u>68685T₂</u>	<u>42.69</u>	<u>42.87</u>	<u>43.19</u>	<u>45.35</u>	<u>47.51</u>	<u>50.82</u>	<u>52.32</u>	<u>52.27</u>	<u>51.82</u>	<u>51.84</u>	<u>51.25</u>	<u>50.19</u>			
<u>50522T₄</u>	<u>43.89</u>	<u>43.98</u>	<u>44.74</u>	<u>45.58</u>	<u>47.19</u>	<u>49.73</u>	<u>51.07</u>	<u>51.36</u>	<u>50.99</u>	<u>51.04</u>	<u>51.04</u>	<u>50.31</u>			
<u>50522T₅</u>	<u>43.33</u>	<u>43.38</u>	<u>43.62</u>	<u>45.1</u>	<u>46.73</u>	<u>49.32</u>	<u>50.69</u>	<u>50.99</u>	<u>50.64</u>	<u>50.73</u>	<u>50.62</u>	<u>49.81</u>			

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6.[6] Date: From 1-3-15 to 1-3-15 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])	40.69°F	40.88°F	41.48°F	43.91°F	46.26°F	49.84°F	51.57°F	51.95°F	51.17°F	51.2°F	50.91°F	49.43°F	°F	°F
End Time (6.[13])	0634	0733	0831	0934	1027	1133	12:31 12:31 on 1-3-15	1332	1430	1534	1630	1732		
6.[13]	Operator: TD	Operator: EC	Operator: Lm	Operator: Lm	Operator: TD	Operator: TD	Operator: Lm	Operator: Lm	Operator: TD	Operator: Lm	Operator: TD	Operator: Lm	Operator:	Operator:
	Operator: EC	Operator: JR	Operator: TD	Operator: TD	Operator: Lm	Operator: Lm	Operator: TD	Operator: TD	Operator: Lm	Operator: TD	Operator: Lm	Operator: TD	Operator:	Operator:

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6.[6] Date: From 1-3-15 to 1-3-15 Location: Dome 375 cell 1

6.[2] Comments: Unable to Enter Dome 375 Permacon cell 1 due to SO-1247. Temps. are obtained through the control room with computer data logger Pancho Miera 235765 JMS

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Pancho Miera	JMS	1235765	JMS	11-3-15
Operator (print)	Signature	Z#	Initials	Date
Eloy J. Cardenas	SA	1141887	EC	11-3-15
Operator (print)	Signature	Z#	Initials	Date
Jackie Romero	Jackie Romero	1187066	JR	11-3-15
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
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 01-03-15 to 1-04-15 Location: 375

	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	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: File Number:	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: File Number:	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: File Number:	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: File Number:	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: File Number:	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: File Number:	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: File Number:	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: File Number:	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: File Number:	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: File Number:	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: File Number:	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: File Number:	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: File Number:	Brand: <u>N/A</u> Model: <u>N/A</u> Cal. Due Date: File Number:
Ambient Temperature (6.[7])	<u>47.67</u>	<u>46.33</u>	<u>45.49</u>	<u>44.85</u>	<u>44.23</u>	<u>43.73</u>	<u>43.2</u> °F	<u>42.94</u>	<u>42.47</u>	<u>42.35</u>	<u>41.93</u>	<u>41.66</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>68685T1</u>	<u>49.75</u>	<u>48.52</u>	<u>47.82</u>	<u>47.19</u>	<u>46.65</u>	<u>46.15</u>	<u>45.74</u>	<u>55.46</u>	<u>44.98</u>	<u>44.78</u>	<u>44.48</u>	<u>44.17</u>	<u>N/A</u>	
<u>68685T2</u>	<u>48.67</u>	<u>47.57</u>	<u>46.92</u>	<u>46.32</u>	<u>45.85</u>	<u>45.35</u>	<u>44.84</u>	<u>44.66</u>	<u>44.15</u>	<u>43.95</u>	<u>43.63</u>	<u>43.39</u>		
<u>50522T4</u>	<u>49.1</u>	<u>48.16</u>	<u>47.53</u>	<u>47.04</u>	<u>46.63</u>	<u>46.2</u>	<u>45.85</u>	<u>45.6</u>	<u>45.18</u>	<u>44.98</u>	<u>44.69</u>	<u>44.48</u>		
<u>50522T5</u>	<u>48.64</u>	<u>47.64</u>	<u>47.04</u>	<u>46.52</u>	<u>46.08</u>	<u>45.68</u>	<u>45.29</u>	<u>45.06</u>	<u>44.7</u>	<u>44.49</u>	<u>44.25</u>	<u>44</u>		

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6.[6] Date: From 1-3-15 to 1-4-15 Location: 375

6.[2] Comments: Due to ~~Due to~~ Did not enter Permacon due to Standing Order
1247 R. 2 all temps taken Data Logger Computer in Room 375

N/A

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
<u>Tina Aguirre</u>	<u>[Signature]</u>	<u>116578</u>	<u>TA</u>	<u>1-4-15</u>
Operator (print)	Signature	Z#	Initials	Date
<u>Josualopez</u>	<u>[Signature]</u>	<u>116578</u>	<u>JP</u>	<u>1/10/15</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
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 1-4-15 to 1-4-15 Location: Dome 375/ Cell 1

	Start Time: 6.[6] <u>0630</u>	Start Time: 6.[6] <u>0733</u>	Start Time: 6.[6] <u>0829</u>	Start Time: 6.[6] <u>0930</u>	Start Time: 6.[6] <u>1027</u>	Start Time: 6.[6] <u>1127</u>	Start Time: 6.[6] <u>1227</u>	Start Time: 6.[6] <u>1325</u>	Start Time: 6.[6] <u>1424</u>	Start Time: 6.[6] <u>1524</u>	Start Time: 6.[6] <u>1626</u>	Start Time: 6.[6] <u>1728</u>	Start Time: 6.[6] <u>N</u>	Start Time: 6.[6] <u>A</u>	
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>41.8</u> °F	<u>41.75</u> °F	<u>42.96</u> °F	<u>45.46</u> °F	<u>48.42</u> °F	<u>50.99</u> °F	<u>51.85</u> °F	<u>53.16</u> °F	<u>51.75</u> °F	<u>53.12</u> °F	<u>52.32</u> °F	<u>50.93</u> °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>69685 T1</u>	<u>44.28</u>	<u>44.24</u>	<u>45.17</u>	<u>47.45</u>	<u>50.22</u>	<u>52.69</u>	<u>53.02</u>	<u>54.12</u>	<u>52.08</u>	<u>53.71</u>	<u>52.82</u>	<u>52.00</u>			
<u>69685 T2</u>	<u>43.56</u>	<u>43.47</u>	<u>44.54</u>	<u>46.82</u>	<u>49.55</u>	<u>51.86</u>	<u>51.86</u>	<u>53.19</u>	<u>50.96</u>	<u>52.77</u>	<u>52.06</u>	<u>51.16</u>	<u>N</u>	<u>A</u>	
<u>50522 T4</u>	<u>44.52</u>	<u>44.44</u>	<u>45.31</u>	<u>46.75</u>	<u>48.83</u>	<u>50.67</u>	<u>51.40</u>	<u>52.16</u>	<u>51.12</u>	<u>52.21</u>	<u>51.53</u>	<u>50.99</u>			
<u>50522 T5</u>	<u>44.0</u>	<u>43.95</u>	<u>44.63</u>	<u>46.27</u>	<u>48.39</u>	<u>50.22</u>	<u>51.04</u>	<u>51.84</u>	<u>50.86</u>	<u>51.94</u>	<u>51.3</u>	<u>50.56</u>			

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6.[6] Date: From 1-4-15 to 1-4-15 Location: Down 375 C111

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])	41.77°F	41.76°F	42.96°F	45.46°F	48.42°F	51.02°F	51.84°F	53.18°F	51.73°F	53.12°F	52.37°F	50.93°F	°F	°F
End Time (6.[13])	0631	0734	0836	0931	1028	1128	1229	1326	1425	1525	1627	1729		
6.[13]	Operator: LM	Operator: SC	Operator: A	Operator: LM	Operator: A	Operator: SC	Operator: SC	Operator: LM	Operator: SC	Operator: A	Operator: LM	Operator: SC	Operator:	Operator:
	Operator: A	Operator: A	Operator: LM	Operator: A	Operator: SC	Operator: LM	Operator: LM	Operator: JK	Operator: JR	Operator: LM	Operator: SC	Operator: LM	Operator:	Operator:

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6.[6] Date: From 1-4-15 to 1-4-15 Location: Dome 375 Cell 1

6.[2] Comments: Did not enter Dome 375 permeon due to standing water 1247. Temp were taken using the data logger
complete

6.[17] Performed by:

Leon Montoya	[Signature]	1915261	LM	11-4-15
Operator (print)	Signature	Z#	Initials	Date
Jackie Romero	[Signature]	1187064	JR	11-4-15
Operator (print)	Signature	Z#	Initials	Date
SLYD, W. L. A.	[Signature]	1114185	EL	11-4-15
Operator (print)	Signature	Z#	Initials	Date
Rancho Miera	[Signature]	1235765	TM	11-4-15
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

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 1-4-15 to 1-5-15 Location: 375

	Start Time: 6.[6] <u>1826</u>	Start Time: 6.[6] <u>1928</u>	Start Time: 6.[6] <u>2028</u>	Start Time: 6.[6] <u>2130</u>	Start Time: 6.[6] <u>2230</u>	Start Time: 6.[6] <u>2328</u>	Start Time: 6.[6] <u>0030</u>	Start Time: 6.[6] <u>0128</u>	Start Time: 6.[6] <u>0228</u>	Start Time: 6.[6] <u>0328</u>	Start Time: 6.[6] <u>0428</u>	Start Time: 6.[6] <u>0527</u>	Start Time: 6.[6]	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: <u>NA</u> Cal. Due Date: File Number:	Brand: Model: <u>NA</u> Cal. Due Date: File Number:
Ambient Temperature (6.[7])	<u>50.45</u> °F	<u>49.41</u> °F	<u>48.4</u> °F	<u>47.52</u> °F	<u>46.97</u> °F	<u>46.41</u> °F	<u>46.02</u> °F	<u>45.66</u> °F	<u>45.40</u> °F	<u>44.86</u> °F	<u>44.61</u> °F	⁵⁵⁻⁵⁵⁻¹⁵ <u>46.6</u> °F <u>44.24</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])
T1 <u>68188</u>	<u>52.08</u>	<u>51.42</u>	<u>50.37</u>	<u>49.52</u>	<u>49.04</u>	<u>48.51</u>	<u>48.15</u>	<u>47.85</u>	<u>47.62</u>	<u>47.12</u>	<u>46.83</u>	<u>45.63</u>		
T2 <u>68188</u>	<u>51.2</u>	<u>50.56</u>	<u>49.44</u>	<u>48.67</u>	<u>48.15</u>	<u>47.7</u>	<u>47.29</u>	<u>46.95</u>	<u>46.63</u>	<u>46.41</u>	<u>45.99</u>	<u>46.41</u>		
T4 <u>50522</u>	<u>50.98</u>	<u>50.10</u>	<u>49.65</u>	<u>48.94</u>	<u>48.56</u>	<u>48.17</u>	<u>47.86</u>	<u>47.58</u>	<u>47.31</u>	<u>47.15</u>	<u>46.94</u>	<u>46.39</u>		
TS <u>50522</u>	<u>50.47</u>	<u>50.15</u>	<u>49.19</u>	<u>48.56</u>	<u>48.2</u>	<u>47.74</u>	<u>47.43</u>	<u>47.18</u>	<u>47.01</u>	<u>46.61</u>	<u>46.34</u>	<u>46.01</u>		

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6.[6] Date: From 1-4-15 to 1-5-15 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.[12])	50.45°F	49.41°F	48.4°F	47.52°F	46.97°F	46.41°F	46.02°F	45.66°F	45.40°F	44.86°F	44.41°F	44.24°F	°F	°F
End Time (6.[13])	1827	1929	2009	2131	2231	TR 1415 2329	0031	0128	0229	0328	0429	0528	NA	
6.[13]	Operator: <u>TR</u>	Operator: <u>TR</u>	Operator: <u>TR</u>	Operator: <u>TR</u>	Operator: <u>TR</u>	Operator: <u>TR</u>	Operator: <u>TR</u>	Operator: <u>TR</u>	Operator: <u>TR</u>	Operator: <u>TR</u>	Operator: <u>TR</u>	Operator: <u>TR</u>	Operator:	Operator:

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6.[6] Date: From 1-4-15 to 1-5-15 Location: 375

6.[2] Comments: Did not enter permacon per standing order 1247 R2 All temps are taken from data logger in control room in Dome 375

NA

6.[17] Performed by:

Sammy Barela Sammy Barela 114474 DB 1-5-15
 Operator (print) Signature Z# Initials Date

Timmy Romero Timmy Romero 234253 TR 1-5-15
 Operator (print) Signature Z# Initials Date

Operator (print) Signature Z# Initials Date

Operator (print) Signature NA 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 NA 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:

Sammy Barela Sammy Barela 114474 DB 1-5-15
 SOM or designee (print) Signature Z# Initials Date