From: Juarez, Catherine L
Sent: Monday, January 12, 2015 4:12 PM
To: Ryan.Flynn@state.nm.us; Jeff.Kendall@state.nm.us; John Kieling; steve.pullen@state.nm.us; Kliphuis, Trais, NMENV; 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, Saundra; 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 12, 2015

Sent on behalf of Mark Haagenstad.

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 Mark if additional information would be helpful.

Catherine Juarez, CHMM, REM
Los Alamos National Laboratory
Environmental Compliance Group
cjuarez@lanl.gov
505-667-4961

NMED / LANL Technical Summary

January 12, 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 3 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 10-12, 2015 HSG data attached.
                - H_2, CO, CO_2 and N_2O
    - Other containers
        - A minimum of once per month HSG sampling will be conducted.
            - To date in January, LANL has conducted HSG sampling on 31 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.
            - January 12, 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 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.
    - Repair of multiple sprinkler heads inside Dome 231 is being planned and will be executed upon completion of planning. No container movements are anticipated at this time. The Permittees will notify NMED if this changes.

Next Call: Tuesday, January 13, 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.	Respond to NMED email request for information associated with the nitrate salt-bearing parent and daughter waste containers. 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.	LANL	---	Complete July 9, 2014 (Letter sent addressing items 1-4 and 6-9 of the email request) July 17, 2014 (Letter sent with updated spreadsheet) August 7, 2014 (First submittal in response to item 5) August 14, 2014 (Letter addressing items 2 & 8 - Second submittal in response to item 5) August 18, 2014 (Third submittal in response to item 5) August 21, 2014 (Fourth submittal in response to item 5) August 27, 2014 (Fifth submittal in response to item 5) September 4, 2014 (Sixth submittal in response to item 5) September 9, 2014 (Seventh submittal in response to item 5) September 11, 2014 (Eighth submittal in response to item 5) September 22, 2014 (Ninth submittal in response to item 5) September 23, 2014 (Tenth submittal in response to item 5) October 1, 2014 (Eleventh submittal in response to item 5) October 8, 2014 (Twelfth submittal in response to item 5) October 16, 2014 (Thirteenth submittal in response to item 5) October 23, 2014 (Fourteenth submittal in response to item 5) October 27, 2014 (Fifteenth submittal in response to item 5) October 28, 2014 (Sixteenth submittal in response to item 5) November 3, 2014 (Seventeenth submittal in response to item 5)

	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 *Response to Request for Information on Management of Waste at LANL*.	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 (3rd Q 2008).	LANL	---	Complete July 21, 2014
29.	NMED requested a copy of lessons learned	LANL	---	Complete August 11, 2014
30.	NMED request regarding empty drum sampling presentation.	LANL	Presentation is a pre-decisional draft/working document not for external release	August 25, 2014
31.	Respond to NMED email request dated 8/12/2014 for information associated with the nitrate salt-bearing waste containers.	LANL	---	Complete September 11, 2014
32.	NMED request regarding technical presentation.	LANL	Presentation is a pre-decisional draft/working document not for external release	August 25, 2014
33.	NMED request regarding literature review of catalytic reactions.	LANL	Literature review is a pre-decisional draft/working document not for external release	August 25, 2014
34.	LANL requested to schedule a meeting with NMED on remediation planning and schedules.	LANL / NMED	---	Complete September 29, 2014 (meeting held)
35.	Schedule a third update on LANL efforts – including teams.	LANL / NMED	---	Complete October 20, 2014

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

	Requested Information	Actionee	Status	Completion Date
38.	NMED requested documentation regarding CIN01.001 waste containers that are not part of the September 19, 2014 Nitrate Salts-Bearing Waste Container Isolation Plan, Revision 2.	LANL	In Progress LANL will submit this documentation in batches as it is becomes available.	Submitted 100 out of 586 RTRs and documentation on October 3, 2014. Submitted documentation for 101-200 containers on October 10, 2014. Submitted documentation for 201-300 containers on October 16, 2014. Submitted documentation for 301-400 containers on October 23, 2014. Submitted documentation for 401-500 containers on October 27, 2014. Submitted documentation for 501-586 containers on November 12, 2014. Submitted RTR Videos 101-150 on November 12, 2014. Submitted RTR Videos 151-200 on November 20, 2014. Submitted RTR Videos 201-250 on December 1, 2014. Submitted RTR Videos 251-300 on December 19, 2014.
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
43.	Schedule a fifth update on LANL efforts – including teams.	LANL/ NMED	---	Complete November 20, 2014

	Requested Information	Actionee	Status	Completion Date
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.	
48.	Schedule a seventh update on LANL efforts – including teams.	LANL/ NMED	Scheduling in progress.	

Remediated Nitrate Salt Container Headspace Gas Analysis

	68685				69553				69615			
Date	**H_2 ppm**	**CO ppm**	**CO_2 ppm**	**N_2O ppm**	**H_2 ppm**	**CO ppm**	**CO_2 ppm**	**N_2O ppm**	**H_2 ppm**	**CO ppm**	**CO_2 ppm**	**N_2O ppm**
01/10/15	125	417	8918	2380								
01/11/15	130	390	9510	2459								
01/12/15	150	415	10402	2760	191	504	14187	1948	109	318	6448	294

Remediated Nitrate Salt Container Headspace Gas Analysis

	69616				SB50069				SB50452			
Date	**H_2 ppm**	**CO ppm**	**CO_2 ppm**	**N_2O ppm**	**H_2 ppm**	**CO ppm**	**CO_2 ppm**	**N_2O ppm**	**H_2 ppm**	**CO ppm**	**CO_2 ppm**	**N_2O ppm**
01/10/15												
01/11/15												
01/12/15	344	815	20433	4125	510	926	19496	2497	707	781	15560	2894

Remediated Nitrate Salt Container Headspace Gas Analysis

	SB50522			
Date	**H_2 ppm**	**CO ppm**	**CO_2 ppm**	**N_2O ppm**
01/10/15	1636	479	35342	874
01/11/15	1319	369	30532	788
01/12/15	1765	419	38381	970

ATTACHMENT 2
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TA-54 AREA G TA-54-231 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[6] Date: From 1-5-15 to 1-11-15

	Monday 6.[6] Start Time: 0853	Tuesday 6.[6] Start Time: 0928	Wednesday 6.[6] Start Time: 0923	Thursday 6.[6] Start Time: 1023	Friday 6.[6] Start Time: 0858	Saturday 6.[6] Start Time: 0749	Sunday 6.[6] Start Time: 0855
TA-54-231							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: Fluke Model: 561 Cal. Due Date: 7/29/15 File Number: 101974	Brand: Fluke Model: 561 Cal. Due Date: 07/29/15 File Number: 101974	Brand: Fluke Model: 561 Cal. Due Date: 07/29/15 File Number: 101974	Brand: Fluke Model: 561 Cal. Due Date: 07/29/15 File Number: 101974	Brand: Fluke Model: 561 Cal. Due Date: 7/29/15 QA 1-9-15 File Number: ~~101974~~ 101974	Brand: Fluke Model: 561 Cal. Due Date: 7/29/15 File Number: 101974	Brand: Fluke Model: 561 Cal. Due Date: 7/29/15 File Number: 101974
Ambient Temperature (6.[7])	27.0 °F	33.4 °F	48.3 °F	45.1 °F	~~48.~~ 46.2 °F	45.5 °F	49.9 °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	27.5	34.5	51.3	45.1	45.2	48.1	49.1
S802833	26.7	33.4	46.8	43.5	48.5	47.1	49.4
S801676	26.6	33.1	46.8	44.6	48.1	47.7	49.3
S816810	24.7	31.8	48.8	45.9	54.1	53.2	55.1
70069	24.1	31.4	46.8	45.9	52.8	53.0	54.3
S822844	24.5	31.7	46.2	45.7	54.3	53.9	54.3
S825879	24.9	32.0	48.9	49.9	52.6	52.7	53.4
S793724	24.8	31.9	48.5	49.0	52.8	52.4	53.7
S813545	24.9	31.8	48.2	45.6	51.8	52.1	52.5
S822713	26.5	33.6	47.9	45.3	50.5	51.5	51.4
S802739	26.7	33.9	49.0	45.1	49.2	48.9	50.4
69907	26.6	33.8	48.8	45.1	48.9	48.4	49.4
S804995	27.2	34.1	49.5	48.1	49.7	49.1	50.4
S816434	28.2	36.5	50.1	46.0	50.9	50.0	50.7

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ATTACHMENT 2
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6.[6] Date: From 1-5-15 to 1-11-15

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	28.3	35.0	47.2	46.4	49.7	49.7	50.5
S862888	27.4	34.9	47.2	45.7	49.3	49.7	49.7
70072	27.1	34.3	50.1	45.9	49.1	49.4	50.2
S823184	26.7	34.7	48.8	47.7	50.4	50.0	51.1
S822599	26.7	34.1	48.5	48.6	51.5	51.8	52.1
69904	25.4	33.1	48.5	49.6	51.6	51.6	52.7
S805051	25.1	32.7	48.2	49.6	52.1	52.4	52.6
S864213	25.4	32.5	49.0	49.4	53.0	52.4	53.6
S853714	25.2	33.2	50.7	46.0	52.9	52.3	53.6
S803078	25.3	33.5	50.5	46.4	52.5	51.6	52.8
S825878	25.4	33.7	50.0	46.8	53.4	51.8	53.4
S823124	25.6	33.6	49.6	45.3	51.7	51.2	52.5
S804948	27.4	35.1	49.4	46.5	50.0	43.8	50.5
S813385	27.5	35.6	50.0	45.7	49.3	49.9	50.1
S842446	29.1	36.7	48.1	45.2	49.6	49.4	50.5
Ambient Temperature (6.[12])	29.2 °F	35.4 °F	53.7 °F	45.1 °F	45.9 °F	44.5 °F	48.0 °F
End Time (6.[13])	0859	0933	1027	1027	0908	0801	0901
6.[13]	Operator: JR Operator: EC	Operator: Operator:	Operator: Operator:	Operator: Operator:	Operator: Operator: EC	Operator: JR Operator: EC	Operator: JR Operator: LM

ATTACHMENT 2
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6.[6] Date: From 1-5-15 to 1-11-15

6.[2] Comments: 1-9-15 Notified Som(PoG) the the Ambient Temperature was 46.2 At start had two containers temps. were 54.1°F container number 5816810 and container number #5822844 Temp. was 54.3. will perform another inspection at 1300. E.C.
1-10-15 notified Som(PoG) of temps of conta 5822844 and 5825879 and the Ambient Temp. A Second check of containers is not need. E.C.
1-11-15 Notified Som (PoG) of Temps of container 5816810 and the ambient Temp. A Second check of container is not needed. JR

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Jackie Romero	Jackie Romero	1870661	JR	11-5-15
Elot D. Cordova		1141881	EC	11.5.15
Josephine Duran	Duran	151971	pd	1/6/15
THOMAS VIGIL		123582	TV	1/6/15
Josephine Duran	Duran	151971	pd	1/7/15
Alfredo Aguilar		293181	AA	1-7-15
Josephine Duran	Duran	151971	pd	1/8/15
Joshua Lopez		1165[illegible]	JL	1010815
Tina Aguirre		1276[illegible]	TA	010915
Elot D. Cordova		1141881	EC	11-9-15
Jackie Romero	Jackie Romero	1870661	JR	11-10-15
Elot D. Cordova		1141881	EC	11-10-15
Jackie Romero	Jackie Romero	1870661	JR	11-11-15
Leon Montoya		191526	LM	11-11-15

8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

ATTACHMENT 2
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TA-54 AREA G TA-54-231 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[6] Date: From 1.9.15 to 1.9.15

	Monday 6.[6] Start Time:	Tuesday 6.[6] Start Time:	Wednesday 6.[6] Start Time:	Thursday 6.[6] Start Time:	Friday 6.[6] Start Time: 1258	Saturday 6.[6] Start Time:	Sunday 6.[6] Start Time:
TA-54-231						N/A	
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: Fluke Model: 561 Cal. Due Date: 022915 File Number: ~~101915~~ 101974	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number
Ambient Temperature (6.[7])	°F	°F	°F	°F	46.0 °F	°F	N/A °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					48.8		
S802833					49.0		
S801676					48.9	N/A	
S816810					54.2		
70069	N/A	N/A	N/A	N/A	52.8		
S822844					53.8		
S825879					53.4		
S793724					52.8		
S813545					52.0		
S822713					52.8		
S802739					50.6		
69907					50.2		
S804995					48.9		
S816434					51.2		

ATTACHMENT 2
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6.[6] Date: From 1.9.15 to 1.9.15

Container ID #	Monday Temp (°F) (6.[8]/6.[9])	Tuesday Temp (°F) (6.[8]/6.[9])	Wednesday Temp (°F) (6.[8]/6.[9])	Thursday Temp (°F) (6.[8]/6.[9])	Friday Temp (°F) (6.[8]/6.[9])	Saturday Temp (°F) (6.[8]/6.[9])	Sunday Temp (°F) (6.[8]/6.[9])
TA-54-231 (continued)							
S805289					51.1		
S862888					49.0		
70072					49.1		
S823184					51.0		
S822599					52.5		
69904					53.0		
S805051					53.2		
S864213					54.0		
S853714					53.2		
S803078					52.2		
S825878					53.3		
S823124					53.0		
S804948					50.4		
S813385					50.7		
S842446							
Ambient Temperature (6.[12])	____ °F	____ °F	____ °F	____ °F	45.3 °F	____ °F	____ °F
End Time (6.[13])	____	____	____	____	1315	____	____
6.[13]	Operator: ____ Operator: ____	Operator: ____ Operator: ____	Operator: ____ Operator: ____	Operator: ____ Operator: ____	Operator: ____ Operator: EC	Operator: ____ Operator: ____	Operator: ____ Operator: ____

N/A N/A N/A N/A N/A N/A

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Z# 114186
INITIAL EC DATE 1.9.15

ATTACHMENT 2

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6.[6] Date: From 1.9.15 to 1.9.15

6.[2] Comments: notified Som (Pok) on Ambient Temp 46.0°F start. Temp of Container #5816810 54.2°F and Container #5864213 Temp was ~~54.0~~ EC 1.9.15 54.0°F donot need to another inspection until Saturday 1.10.15. Note this is for ~~a~~ EC 1.9.15 Second ~~no.~~ Tempature ~~save~~ reading's EC 1.9.15

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Tina Aguirre	[illegible]	124977	TA	010915
Eloy Cordova	EDM	114188	EC	1.9.15

NA

Operator (print)	Signature	Z#	Initials	Date

NA

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 1-5-15 to 1-11-15

IPC-1

	Monday 6.[6] Start Time: 1036	Tuesday 6.[6] Start Time: 1118	Wednesday 6.[6] Start Time: 1035	Thursday 6.[6] Start Time: 1113	Friday 6.[6] Start Time: 1036	Saturday 6.[6] Start Time: 0710	Sunday 6.[6] Start Time: 0750
TA-54-375 Cell 1							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: Fluke Model: 561 Cal. Due Date: 6/12/15 File Number 101915	Brand: Fluke Model: 561 Cal. Due Date: 6/12/15 File Number 101915	Brand: Fluke Model: 561 Cal. Due Date: 6/12/15 File Number 101915	Brand: Fluke Model: 561 Cal. Due Date: 6/12/15 File Number 101915	Brand: Fluke Model: 561 Cal. Due Date: 6-12-15 File Number 101915	Brand: Fluke Model: 561 Cal. Due Date: 6-12-15 File Number 101915	Brand: FLUKE Model: 561 Cal. Due Date 6-12-15 File Number 101915
Ambient Temperature (6.[7])	50.8 °F	54.5 °F	53.2 °F	48.3 °F	49.2 °F	47.1 °F	46.8 °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	52.9	55.4	56.0	51.4	52.7	50.4	51.3
LA00000070503 68540	52.3	55.2	55.2	51.1	52.2	49.8	50.6
LA00000070503 68553	52.3	54.7	55.4	51.9	52.8	49.9	47.8
69445	52.7	55.4	55.3	50.6	51.4	48.8	50.3
69618	51.3	54.6	55.3	49.0	50.0	48.1	48.4
69013	52.5	55.5	55.5	51.1	51.9	50.5	50.4
LASB50522	54.0	56.1	55.6	52.5	53.1	51.9	52.0
LASB50452	54.6	56.3	56.9	53.0	53.6	51.8	52.3
LASB50431	54.4	56.6	55.8	53.4	54.5	52.2	53.2
LASB50069	52.7	55.4	55.6	52.1	52.7	51.1	51.2
LASB50073	53.4	55.2	~~56.9~~ 55.6	51.6	52.7	50.3	51.5
69636	54.2	56.2	56.3	52.6	53.8	52.3	52.5
69616	54.0	56.0	56.0	51.4	53.1	52.6	53.0
69417	53.7	55.8	55.5	52.2	53.3	51.1	51.8

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6.[6] Date: From 1-5-15 to 1-11-15

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	53.4	55.3	55.5	51.8	52.7	51.8	51.8
69520	52.4	56.1	56.1	52.2	53.2	51.2	51.6
69641	53.8	56.4	56.4	52.7	53.5	52.0	52.3
69298	54.0	56.4	56.4	53.1	54.5	52.2	52.5
LASB02203	53.9	56.7	56.7	53.1	54.2	52.7	52.4
Ambient Temperature (6.[12])	49.5 °F	55.3 °F	55.3 °F	48.7 °F	49.0 °F	48.5 °F	48.1 °F
End Time (6.[13])	1042	1121	1042	1116	1040	0714	0754
6.[13]	Operator: Operator:	Operator: Operator:	Operator: Operator:	Operator: Operator:	Operator: Operator:	Operator: FD Operator:	Operator: Operator:

6.[2] Comments:

ATTACHMENT 3
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6.[6] Date: From 1-5-15 to 1-11-15

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Thomas Vigil		123682	tv	1/5/15
Joshua Lopez		116598	JL	1/05/15
Thomas Vigil		123682	tv	1/6/15
Joshua Lopez		116598	JL	1/06/15
Josephine Duran		159711	JD	1/7/15
Joshua Lopez		116598	JL	1/07/15
Josephine Duran		159711	JD	1/8/15
Joshua Lopez		116598	JL	1/08/15
Elvis D. Lovato		114158	EL	1-9-15
Joshua Lopez		116598	JL	1/09/15
Edward Pacheco		100497	EP	1-10-15
Leo Montoya		159526	LM	1-10-15
Ivan Garcia		169840	IG	1-11-15
Leo Montoya		159526	LM	1-11-15

8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

ATTACHMENT 4
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TA-54 AREA G TA-54-375 CELL 2 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[6] Date: From 1-5-15 to 1-11-15

	Monday 6.[6] Start Time: 1043	Tuesday 6.[6] Start Time: 1122	Wednesday 6.[6] Start Time: 1045	Thursday 6.[6] Start Time: 1118	Friday 6.[6] Start Time: 1041	Saturday 6.[6] Start Time: 0715	Sunday 6.[6] Start Time: 0755
TA-54-375 Cell 2							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: Fluke Model: 561 Cal. Due Date: 6/12/15 File Number 101912	Brand: Fluke Model: 561 Cal. Due Date: 6/12/15 File Number 101912	Brand: Fluke Model: 561 Cal. Due Date: 06/12/15 File Number 101912	Brand: Fluke Model: 561 Cal. Due Date: 06/12/15 File Number 101912	Brand: Fluke Model: 561 Cal. Due Date: 06 12 15 File Number 101912	Brand: Fluke Model: 561 Cal. Due Date: 06-12-15 File Number 101912	Brand: FLUKE Model: 561 Cal. Due Date: 6-12-15 File Number 101912
Ambient Temperature (6.[7])	52.3 °F	56.1 °F	56.3 °F	52.4 °F	53.7 °F	57.2 °F	50.0 °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	49.5	54.4	55.6	51.4	52.3	50.1	51.8
68638	51.9	56.1	56.0	53.2	54.4	51.6	51.1
69615	52.4	56.7	56.3	53.8	54.7	52.7	52.4
69635	52.4	57.1	56.6	54.1	55.2	52.8	54.8
69642	52.8	57.7	57.0	53.8	54.4	52.0	52.3
69630	52.1	56.8	56.2	53.3	54.0	51.8	52.1
69633	52.0	56.9	56.2	54.7	54.6	52.1	52.3
68430	52.7	57.4	57.0	54.7	55.2	51.8	51.8
68631	51.0	56.5	56.1	53.2	53.8	51.2	51.7
69634	50.2	56.9	56.1	54.2	55.1	50.7	50.9
68567	48.6	56.1	53.5	51.2	52.7	50.3	50.4
94227	50.1	56.4	55.8	52.5	53.3	51.0	50.2
LASB50442	52.3	56.2	55.5	53.5	54.2	52.9	52.2
69644	51.3	56.8	55.6	53.4	54.2	52.2	52.3
LASB50443	50.1	54.4	54.9	52.3	53.5	50.8	52.0
69638	51.7	55.5	55.8	53.4	54.4	52.0	52.7

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6.[6] Date: From 1-5-15 to 1-11-15

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	51.7	55.6	57.9	53.8	54.5	52.2	52.8
68507	52.5	57.3	55.9	53.4	54.5	52.5	51.8
69568	49.7	58.6	55.5	1-8-15 ~~53.5~~ 51.5	53.8	50.6	50.7
69553	49.5	56.1	53.7	1-8-15 53.1 50.1	52.8	50.3	51.0
69598	48.5	57.4	53.9	50.7	52.6	50.5	51.8
LASB50559	50.5	57.5	56.5	51.1	53.6	51.9	53.4
69015	52.3	57.6	57.6	52.5	55.6	53.0	53.3
69639	52.5	56.5	56.9	54.4	55.6	53.4	52.7
69637	51.5	54.9	56.6	53.8	54.4	52.5	52.6
Ambient Temperature (6.[12])	50.8 °F	56.9 °F	50.0 °F	49.6 °F	54.3 °F	50.3 °F	57.0 °F
End Time (6.[13])	1049	1128	1057	1125	1049	0719	0800
6.[13]	Operator: Operator:	Operator: Operator:	Operator: Operator:	Operator: Operator:	Operator: EC Operator:	Operator: EP Operator:	Operator: Operator:

6.[2] Comments:

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6.[6] Date: From 1-5-15 to 1-11-15

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Thomas Vigil		123682		1/5/15
Joshua Lopez		116598		010515
Thomas Vigil		123682		1/6/15
Joshua Lopez		116598		010615
Josephine Duran		115971		1/7/15
Joshua Lopez		116598		010715
Josephine Duran		115971		01/08/15
Joshua Lopez		116598		010815
Elliot D. Cordova		114184		1-9-15
Joshua Lopez		116598		010915
Edward Padron		100497		1/10/15
Leon Montoya		179526		1/10/15
Juan Garcia		169840		1-11-15
Leon Montoya		179526		1-11-15

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 3 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[6] Date: From 1-5-15 to 1-11-15

	Monday 6.[6] Start Time: 1030	Tuesday 6.[6] Start Time: 1117	Wednesday 6.[6] Start Time: 1028	Thursday 6.[6] Start Time: 1105	Friday 6.[6] Start Time: 1032	Saturday 6.[6] Start Time: 0708	Sunday 6.[6] Start Time: 0746
TA-54-375 Cell 3							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: Fluke Model: 561 Cal. Due Date: 6/12/15 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date: 6/12/15 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date: 6/12/15 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date: 6/12/15 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date: 6-12-15 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date: 6/12/15 File Number 101916	Brand: FLUKE Model: 561 Cal. Due Date: 6-12-15 File Number 101916
Ambient Temperature (6.[7])	50.2 °F	52.5 °F	54.8 °F	51.0 °F	51.5 °F	51.0 °F	50.9 °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	53.4	56.2	56.2	53.6	54.0	52.7	53.1
69645	53.2	56.2	56.1	53.5	53.9	52.8	53.0
94068	53.4	55.4	55.3	53.0	53.7	52.6	53.1
93605	51.8	55.0	55.3	50.7	52.7	51.5	52.0
69548	51.5	54.9	55.1	52.6	52.8	51.2	52.1
69604	52.6	55.6	55.8	53.3	53.0	51.1	~~52.4~~ 52.4
LASB50529	53.0	55.5	55.6	53.2	54.4	52.3	52.8
LASB50418	53.5	55.8	56.1	53.2	53.4	52.7	53.5
69036	53.1	55.4	55.2	52.6	53.3	52.1	52.7
LASB50451	51.5	55.1	55.1	51.2	52.7	51.4	51.3
69559	51.2	55.3	55.0	51.7	52.8	51.5	52.0
LASB50448	51.2	53.9	54.4	51.2	52.3	51.4	51.2
Ambient Temperature (6.[12])	52.2 °F	53.6 °F	53.8 °F	50.4 °F	51.2 °F	51.2 °F	51.7 °F
End Time (6.[13])	1635	1117	1034	1112	1035	0710	0749
6.[13]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: EC Operator: [illegible]	Operator: ED Operator: [illegible]	Operator: [illegible] Operator: [illegible]

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INITIAL JR DATE 1-5-15

ATTACHMENT 5

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6.[6] Date: From 1-5-15 to 1-11-15

6.[2] Comments:

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Thomas Vigil	[signature]	1236882	TV	1/5/15
Joshua Lopez	[signature]	1116598	JLV	010515
Thomas Vigil	[signature]	1236882	T.	1/6/15
Joshua Lopez	[signature]	1116598	JLV	010615
Josephine Duran	[signature]	1151971	JD	1/7/15
Joshua Lopez	[signature]	1116598	JL	010715
Josephine Duran	[signature]	1151971	JD	1/8/15
Joshua Lopez	[signature]	116598	JLV	010815
Eloy D. Cordova	[signature]	1114148	EC	1-9-15
Joshua Lopez	[signature]	1116598	JLV	010915
Edward Pacheco	[signature]	1100497	EP	1/10/15
Leon Montoya	[signature]	V91526	LM	1-10-15
Juan Garcia	[signature]	1169840	JG	1-11-15
Leon Montoya	[signature]	V91526	[illegible]	1-11-15

8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

ATTACHMENT 6
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TA-54 AREA G NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6.[6] Date: From 1-9-15 to 1-9-15 Location: Dome375 Cell 1

	Start Time: 6.[6] 0629	Start Time: 6.[6] 0728	Start Time: 6.[6] 0830	Start Time: 6.[6] 0928	Start Time: 6.[6] 1029	Start Time: 6.[6] 1129	Start Time: 6.[6] 1231	Start Time: 6.[6] 1331	Start Time: 6.[6] 1429	Start Time: 6.[6] 1531	Start Time: 6.[6] 1629	Start Time: 6.[6] 1727	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: Model: Cal. Due Date: N/A File Number	Brand: Model: Cal. Due Date: N/A File Number	Brand: Model: Cal. Due Date: N/A File Number	Brand: Model: Cal. Due Date: N/A File Number	Brand: Model: Cal. Due Date: N/A File Number	Brand: Model: Cal. Due Date: N/A File Number	Brand: Model: Cal. Due Date: N/A File Number	Brand: Model: Cal. Due Date: N/A File Number	Brand: Model: Cal. Due Date: N/A File Number	Brand: Model: Cal. Due Date: N/A File Number	Brand: Model: Cal. Due Date: N/A File Number	Brand: Model: Cal. Due Date: N/A File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number
Ambient Temperature (6.[7]) T3	49.07 °F	49.34 °F	49.48 °F	49.55 °F	49.82 °F	49.96 °F	50.09 °F	50.21 °F	50.44 °F	50.67 °F	50.65 °F	50.73 °F	°F N/A	°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 T_1	51.18	51.45	51.60	51.67	51.84	52.08	52.24	52.38	52.56	52.76	52.77	52.44		
68685 T_2	50.38	50.61	50.76	50.83	51.06	51.21	51.40	51.49	51.66	51.88	51.85	51.43		
50522 T_4	50.10	50.85	50.97	51.01	51.17	51.35	51.46	51.55	51.66	51.89	51.88	51.66		
50522 T_5	50.20	50.35	50.46	50.56	50.71	50.83	50.96	51.02	51.17	51.37	51.38	51.16		

N/A

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6.[6] Date: From 1-9-15 to 1-9-15 Location: Dome 375 Cell 7

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])
Ambient Temperature (6.[12]) T3	49.07 °F	49.34 °F	49.48 °F	49.55 °F	49.82 °F	49.82 °F	50.09 °F	50.29 °F	50.44 °F	50.67 °F	50.60 °F	50.73 °F	____ °F	____ °F	
End Time (6.[13])	0630	0729	0830	0929	1030	1130	1231	1332	1430	1531	1630	1728			
6.[13]	Operator: WS / Operator: JC	Operator: WS / Operator: JC	Operator: WS / Operator: JC	Operator: WS / Operator: JC	Operator: WS / Operator: JC	Operator: WS / Operator: JC	Operator: WS / Operator: JC	Operator: WS / Operator: JC	Operator: WS / Operator: JC	Operator: WS / Operator: JC	Operator: WS / Operator: JC	Operator: WS / Operator: JC	Operator: ____ / Operator: ____	Operator: ____ / Operator: ____	

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6.[6] Date: From 1·9·15 to 1·9·15 Location: Dome 375 Cell 1

6.[2] Comments: did not enter permacon due to ~~grace~~ G standing order ~~1246~~ 1247 R2 all temps were taking from data logger computer in 375 EC 1-9-15
no further entrys

NA

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Jesse Chavez	[signature]	214578	JC	1-9-15
William Torres	[signature]	201458	WT	1-9-15

NA

Operator (print)	Signature	Z#	Initials	Date

NA

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 01-09-15 to 01-10-15 Location: 375

	Start Time: 6.[6] 1830	Start Time: 6.[6] 1928	Start Time: 6.[6] 2030	Start Time: 6.[6] 2130	Start Time: 6.[6] 2230	Start Time: 6.[6] 2330	Start Time: 6.[6] 0028	Start Time: 6.[6] 0127	Start Time: 6.[6] 0225	Start Time: 6.[6] 0326	Start Time: 6.[6] 0424	Start Time: 6.[6] 0525	~~Start Time: 6.[6]~~ N/A	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 N	Brand: Model: A 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])	49.02 °F	48.94 °F	~~51.48~~ 49.17 °F EV 1-9-15	49.13 °F	49.09 °F	48.89 °F	48.68 °F	48.16 °F	48.61 °F	48.44 °F	48.4 °F	48.24 °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/T-1	51.10	50.96	51.48	51.40	51.33	51.02	50.83	50.75	50.6	50.49	50.4	50.32		
68685/T-2	50.22	50.04	50.56	50.49	50.45	50.13	49.92	49.83	49.8	49.61	49.52	49.5		
50522/T-4	50.04	50.13	50.88	50.78	50.75	50.57	50.45	50.36	50.29	50.17	50.1	50.06		
50522/T-5	50.22	49.97	50.39	50.32	50.28	50.11	49.98	49.94	49.87	49.74	49.72	49.62		
N/A													N/A	

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6.[6] Date: From 01-09-15 to 01-10-15 Location: 375

Container ID # (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
										N	A				
Ambient Temperature (6.[12])	49.02 °F	51.10 °F	01-9-15 ~~20~~ 49.0 °F	49.12 °F	49.07 °F	48.89 °F	48.68 °F	48.62 °F	48.61 °F	48.44 °F	48.4 °F	48.21 °F	°F	°F	
End Time (6.[13])	1831	1929	2031	2131	2231	2331	0029	0128	0225	0326	0424	0526			
6.[13]	Operator: CV Operator: MV	Operator: CV Operator: MV	Operator: CV Operator: WR	Operator: CV Operator: WR	Operator: CV Operator: WQC	Operator: CV Operator: WQC	Operator: CV Operator: WQC	Operator: CV Operator: MV	Operator: WQC Operator: MV	Operator: WQC Operator: CV	Operator: WQC Operator: CV	Operator: CV Operator: MV	Operator: Operator:	Operator: NA Operator:	

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6.[6] Date: From 01-09-15 to 01-10-15 Location: 375

6.[2] Comments: Did not enter Dome 375 Permacon Per Stanley Order 1247 Rev 2. Tempratures taken in dome 375 control room using data logger

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Chris Vigil	Chris Vigil	163082	CV	1/9/15
Michael Vigil	Michael Vigil	215367	MV	1/9/15
Wolfres C[illegible]	[signature]	11[illegible]	[illegible]	1-9-15
N/A				

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

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 1-10-15 to 1-10-15 Location: Dome 375

	Start Time: 6.[6] 0625	Start Time: 6.[6] 0724	Start Time: 6.[6] 0825	Start Time: 6.[6] 0924	Start Time: 6.[6] 1026	Start Time: 6.[6] 1124	Start Time: 6.[6] 1227	Start Time: 6.[6] 1330	Start Time: 6.[6] 1423	Start Time: 6.[6] 1527	Start Time: 6.[6] 1626	Start Time: 6.[6] 1727	Start Time: 6.[6] N	Start Time: 6.[6] A
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand / Model N / Cal. Due Date / File Number	Brand / Model N / Cal. Due Date / File Number	Brand / Model N / Cal. Due Date / File Number	Brand / Model N / Cal. Due Date / File Number	Brand / Model N / Cal. Due Date / File Number	Brand / Model N / Cal. Due Date / File Number	Brand / Model N / Cal. Due Date / File Number	Brand / Model N / Cal. Due Date / File Number	Brand / Model N / Cal. Due Date / File Number	Brand / Model N / Cal. Due Date / File Number	Brand / Model N / Cal. Due Date / File Number	Brand / Model N / Cal. Due Date / File Number	Brand / Model / Cal. Due Date / File Number	Brand / Model / Cal. Due Date / File Number
Ambient Temperature (6.[7])	48.1 °F	48.03 °F	48.18 °F	48.74 °F	50.89 °F	51.7 °F	53.3 °F	52.68 °F	52.92 °F	52.65 °F	51.95 °F	51.93 °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])
T-1 68685	50.23	50.28	50.52	50.92	52.73	52.84	54.24	52.66	52.78	52.39	51.85	52.68		
T-2 68685	49.37	49.47	49.68	50.14	51.96	52.05	53.39	51.94	51.99	51.63	51.02	51.84		
T-4 50522	49.94	49.96	50.05	50.39	51.65	51.97	53.05	52.37	52.35	52.12	51.71	52.25	N	A
T-5 50522	49.5	49.47	49.62	49.88	51.18	51.7	52.84	52.22	52.26	52.04	51.57	51.99		
							N	A						

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INITIAL JR DATE 1-10-15

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6.[6] Date: From 1-10-15 to 1-10-15 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])	~~48.1~~ 46.1 Lm 1-10-15 °F	48 °F	48.18 °F	48.78 °F	45.29 °F	51.7 °F	49.11 °F	52.69 °F	52.92 °F	51.34 °F	52.45 °F	51.93 °F	N/A °F	°F
End Time (6.[13])	0626	0725	0826	0925	1028	1125	1228	1331	1424	1529	1627	1728		
6.[13]	Operator: Lm Operator: [signature]	Operator: [signature] Operator: EP	Operator: EP Operator: [signature]	Operator: [signature] Operator: EP	Operator: EP Operator: [signature]	Operator: [signature] Operator: EP	Operator: EP Operator: Lm	Operator: Lm Operator: [signature]	Operator: [signature] Operator: EP	Operator: EP Operator: Lm	Operator: Lm Operator: [signature]	Operator: [signature] Operator: EP	Operator: N Operator:	Operator: A Operator:

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6.[6] Date: From 1-10-15 to 1-10-15 Location: Dome 375

6.[2] Comments: Did Not enter permacon per standing order 1247 R.2. Temps taken using data logger computer.

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Jackie Romero	Jackie Romero	118706	JR	1-10-15
Leon Montoya	[signature]	191531	[initials]	1-10-15
Juan Garcia	Juan Garcia	169840	JG	1-10-15
Edward Parker	Edward Parker	100447	EP	1-10-15
EWTD. Caldwell	[signature]	114180	EC	1-10-15
N/A				

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

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 1-10-15 to 1-11-15 Location: Dome 375

	Start Time: 6.[6] 1826	Start Time: 6.[6] 1926	Start Time: 6.[6] 2026	Start Time: 6.[6] 2126	Start Time: 6.[6] 2226	Start Time: 6.[6] 2326	Start Time: 6.[6] 0026	Start Time: 6.[6] 0126	Start Time: 6.[6] 0226	Start Time: 6.[6] 0326	Start Time: 6.[6] 0426	Start Time: 6.[6] 0526	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number
Ambient Temperature (6.[7])	50.78 °F	50.50 °F	50.27 °F	49.81 °F	49.04 °F	48.44 °F	48.21 °F	47.9 °F	47.82 °F	48.02 °F	48.31 °F	48.49 °F	NA °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])
69685 T1	52.03	52.01	51.96	51.23	50.9	50.38	50.18	49.92	49.79	49.92	50.11	50.47		
69685 T2	51.24	51.20	51.15	50.92	50.03	49.58	49.33	49.12	48.98	49.12	49.47	49.63		
50522 T4	51.63	51.50	51.39	51.24	50.6	50.21	50.12	50.03	49.65	49.81	50.1	50.18		
50522 T5	51.28	51.18	51.06	50.81	50.22	49.81	49.6	49.49	49.28	49.44	49.63	49.77		

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6.[6] Date: From 1-10-15 to 1-11-15 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])
Ambient Temperature (6.[12])	50.75 °F	50.59 °F	50.23 °F	49.81 °F	49.04 °F	48.42 °F	48.21 °F	47.9 °F	47.82 °F	48.02 °F	49.31 °F	48.49 °F	°F	°F
End Time (6.[13])	1827	1927	2027	2127	2227	2327	0027	0127	0227	0327	0427	0527		
6.[13]	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:
	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:

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6.[6] Date: From 1-10-15 to 1-11-15 Location: Dome 375

6.[2] Comments: Did not enter PERMACON per Standing Order 1247 R. 2. Temps taken using data logger computer.

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
N/A				
Sammy Barela	Sammy Barela	114171	SB	1-11-15
Joshua Lopez	Joshua Lopez	116598	JL	011115
Rick Montoya	R Montoya	116326	RM	011115
N/A				

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

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 1·11·15 to 1·11·15 Location: Dome 375 Cell 1

	Start Time: 6.[6] 0627	Start Time: 6.[6] 0727	Start Time: 6.[6] 0826	Start Time: 6.[6] 0927	Start Time: 6.[6] 1028	Start Time: 6.[6] 1128	Start Time: 6.[6] 1228	Start Time: 6.[6] 1330	Start Time: 6.[6] 1428	Start Time: 6.[6] 1528	Start Time: 6.[6] 1630	Start Time: 6.[6] 1728	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number
Ambient Temperature (6.[7])	49.09 °F	48.78 °F	49.23 °F	49.98 °F	51.41 °F	52.13 °F	52.28 °F	52.32 °F	52.88 °F	53.11 °F	52.18 °F	52.98 °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 T_1	50.99	50.94	51.45	52.07	53.26	53.63	52.95 EC 1·11·15	52.57	52.87	53.07	52.16	53.54		
68685 T_2	50.17	50.12	50.61	51.29	52.42	52.87	52.02	51.76	52.11	52.28	51.41	52.9		
50522 T_4	50.54	50.53	50.75	51.28	52.19	52.48	52.41	52.14	52.39	52.58	51.99	52.74		
50522 T_5	50.11	50.06	50.41	50.82	51.75	52.17	52.16	51.99	52.32	52.51	51.79	52.55		

NA

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6.[6] Date: From 1·11·15 to 1·11·15 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])	42.06 °F	40.51 °F	41.78 °F	49.96 °F	45.63 °F	52.13 °F	52.28 °F	52.32 °F	52.87 °F	51.42 °F	50.75 °F	52.96 °F	____ °F	____ °F
End Time (6.[13])	0628	0728	0827	0928	1029	1128	1228	1330	1429	1530	1632	1729	NA	
6.[13]	Operator: EP / Operator:	Operator: / Operator: EP	Operator: EP / Operator:	Operator: / Operator:	Operator: EP / Operator:	Operator: EC / Operator: JR	Operator: EC / Operator: JR	Operator: EC / Operator: JR	Operator: / Operator: EP	Operator: EP / Operator:	Operator: EP / Operator:	Operator: / Operator:	Operator: / Operator:	Operator: / Operator:

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6.[6] Date: From 1-11-15 to 1-11-15 EC 1-11-15 Location: Cell Dome 375 Cell 1

6.[2] Comments: Did Not enter Permaconolve to standing order 1247R.2, Temps taken by datalogger computer.

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Juan Garcia	Juan Garcia	169840	JG	1-11-15
Edward Pacheco	Edward Pacheco	100497	EP	1-11-15
Jackie Romero	Jackie Romero	1187066	JR	1-11-15
Eloy D. Cordova	Eloy D. Cordova	1114188	EC	1-11-15

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 1·11·15 to 1·12·15 Location: Dome 375 cell 1

	Start Time: 6.[6] 1830	Start Time: 6.[6] 1925	Start Time: 6.[6] 2023	Start Time: 6.[6] 2123	Start Time: 6.[6] 2227	Start Time: 6.[6] 2328	Start Time: 6.[6] 0028	Start Time: 6.[6] 0127	Start Time: 6.[6] 0227	Start Time: 6.[6] 0327	Start Time: 6.[6] 0428	Start Time: 6.[6] 0527	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: NA Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number
Ambient Temperature (6.[7])	50.81 °F	50.89 °F	50.79 °F	50.3 °F	49.77 °F	49.A °F	48.81 °F	48.69 °F	48.59 °F	48.39 °F	48.19 °F	48.64 °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])
T(1) 68685	51.93	52.25	52.28	52.02	51.60	51.06	50.70	50.64	50.50	50.34	50.14	50.61	N/A	
T(2) 68685	51.01	51.51	51.46	51.15	50.73	50.25	49.91	49.82	49.69	49.52	49.33	49.82		N/A
T(4) 50522	51.68	51.71	51.7	51.52	51.16	50.75	50.46	50.43	50.27	50.16	49.99	50.22		
T(5) 50522	51.35	51.42	51.4	51.18	50.81	50.38	50.09	~~49.84~~ 50.04	49.93	49.81	49.65	49.33		
						N/A								

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6.[6] Date: From 1-11-15 to 1-12-15 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])
						N/A							N/A	N/A
Ambient Temperature (6.[12])	50.81 °F	50.84 °F	50.76 °F	50.3 °F	49.77 °F	49.19 °F	48.81 °F	48.68 °F	TR 01-12-5 02 °F 4859	48.40 °F	48.22 °F	48.14 °F	°F	°F
End Time (6.[13])	1830	1926	2024	2123	2227	2328	0028	0128	0228	0328	0429	0527		
6.[13]	Operator: LOC Operator: DB	Operator: LOC Operator: TR	Operator: LOC Operator: JR	Operator: LOC Operator: TR	Operator: TR Operator: DB	Operator: DB Operator: TR	Operator: TR Operator: DB	Operator: TR Operator: DB	Operator: TR Operator: DB	Operator: TR Operator: DB	Operator: DB Operator: TR	Operator: DB Operator: TR	Operator: Operator:	Operator: Operator:

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6.[6] Date: From 1-11-15 to 1-12-15 Location: Dome 375 Cell 1

6.[2] Comments: ~~Assumed~~ ~~AD~~ WAC 1-11-15 Did enter Permacon in Dome 375 Per Standing Order 1247 R-v2 Temperatures taken from Dome 375 Control Room using data logger

NA

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Willis J. Conlee	[signature]	117507	WJC	1-11-15
Sammy Barela	[signature]	114474	SB	1-11-15
Timmy Romero	[signature]	234253	TR	01-12-15
NA				

Operator (print)	Signature	Z#	Initials	Date
NA				

8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date
[illegible]	[signature]	226251	[illegible]	1-12-15