From: Haagenstad, Mark P
Sent: Monday, November 24, 2014 4:05 PM
To: Ryan.Flynn@state.nm.us; Jeff.Kendall@state.nm.us; tom.blaine@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
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; Roberts, Kathryn Margaret; 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; Beard, Carl Allen; Cabbil, Cheryl Denise; Young, Steven L; Erickson, Randy; Funk, David John; Alexander, Rick A; Frederici, Dave; Diaz, Tammy; Juarez, Catherine L; Haagenstad, Mark P
Subject: Daily Technical Submission - November 24, 2014

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

Please contact me if additional information would be helpful.

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

NMED / LANL Technical Summary

November 24, 2014

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' daily 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.
      - November 22-24, 2014 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 November, LANL has conducted HSG sampling on 55 SWBs.

Additional measures currently underway

- As a conservative measure, LANL is currently conducting additional monitoring. This additional monitoring includes:
  - Containers (SWB) 68685 and SB50522.
    - LANL continuing *solid phase micro-extraction*.
    - Hourly temperature measurements are currently being performed on SWB 68685 and SB50522.
  - Five (5) other SWB overpacks (containing 55-gallon drums of remediated nitrate salt-bearing waste).
    - Continue twice-weekly HSG sample collection.
    - November 24, 2014 HSG date attached.

Anticipated Changes to Nitrate Salt-Bearing Waste Containers (e.g. movement, re-packaging).

- Currently, no further movements or re-packaging are planned.

- **Other:**

Next Call: Tuesday, November 25, 2014

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	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)
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.
39.	NMED requested a diagram of the location of the thermocouples on 68685 and SB50522.	LANL	---	Complete October 27, 2014

	Requested Information	Actionee	Status	Completion Date
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	In progress: Site visit scheduled for November 17, 2014 - postponed; Follow-up meeting scheduled for November 20, 2014 in Santa Fe.	

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**
11/22/14	141	540	15112	4274								
11/23/14	131	610	14298	4189								
11/24/14	138	562	15133	4365	185	602	18614	2806	108	294	7038	373

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**
11/22/14												
11/23/14												
11/24/14	345	1020	27069	5789	498	939	23719	3425	690	923	21923	4186

Remediated Nitrate Salt Container Headspace Gas Analysis

	SB50522			
Date	**H_2 ppm**	**CO ppm**	**CO_2 ppm**	**N_2O ppm**
11/22/14	2957	409	44308	937
11/23/14	2359	410	40768	948
11/24/14	2251	369	35824	775

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 11-17-14 to 11-23-14

	Monday 6.[6] Start Time: 0802	Tuesday 6.[6] Start Time: 0910	Wednesday 6.[6] Start Time: 1203	Thursday 6.[6] Start Time: 0920	Friday 6.[6] Start Time: 0909	Saturday 6.[6] Start Time: 0833	Sunday 6.[6] Start Time:
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: 7/29/15 File Number 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	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	Brand: Model: Cal. Due Date: File Number
Ambient Temperature (6.[7])	30.3 °F	29.0 °F	41.0 °F	34.7 °F	43.2 °F	34.0 °F	°F
Container ID #	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
S818435	31.7	30.6	42.6	36.3	36.8	34.9	
S802833	31.3	29.5	40.4	33.1	36.1	33.6	
S801676	31.0	29.8	39.8	34.7	35.7	33.2	
S816810	28.1	27.7	39.5	34.0	34.1	31.9	
70069	28.2	27.6	39.0	33.3	34.0	31.3	
S822844	28.7	28.1	39.6	33.9	34.2	31.5	
S825879	27.9	28.0	39.7	34.2	34.7	31.7	
S793724	28.2	28.0	40.0	34.2	34.3	32.3	
S813545	28.9	28.1	39.1	36.2	36.5	31.9	
S822713	30.5	29.9	41.3	35.8	36.1	33.5	
S802739	30.3	29.8	40.9	35.8	36.3	33.8	
69907	30.6	29.9	40.7	36.8	36.5	34.0	
S804995	31.5	30.3	41.2	36.5	36.6	34.1	
S816434	32.4	32.2	43.1	37.8	37.5	35.4	

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Z# 187066
INITIAL JR DATE 11-17-14

ATTACHMENT 2
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6.[6] Date: From 11-17-14 to 11-23-14

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	33.4	31.4	42.0	37.6	37.4	35.7	
S862888	32.2	30.7	40.7	36.7	37.6	35.0	
70072	31.7	30.4	41.1	36.2	36.4	34.2	
S823184	31.0	30.6	~~42.2~~ 42.1	36.8	36.5	33.9	
S822599	30.4	30.2	41.9	36.3	35.9	33.5	
69904	29.8	29.1	39.9	35.1	34.5	32.3	
S805051	28.9	28.5	40.1	34.8	34.3	32.0	
S864213	29.1	28.7	39.9	35.2	34.2	32.1	
S853714	28.4	28.8	40.5	35.5	34.5	31.8	
S803078	28.5	28.8	41.3	36.0	34.3	32.2	
S825878	29.5	29.8	40.5	35.8	34.7	32.5	
S823124	29.9	29.7	41.4	36.0	34.8	32.5	
S804948	31.7	30.7	42.0	37.2	36.4	34.2	
S813385	32.2	31.7	42.7	37.6	37.2	34.3	
S842446	34.1	33.0	43.3	38.8	38.3	36.2	
Ambient Temperature (6.[12])	30.9 °F	30.5 °F	42.4 °F	37.1 °F	38.8 °F	34.4 °F	°F
End Time (6.[13])	0809	0917	1209	0426	0915	0839	
6.[13]	Operator: JR Operator: EC	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: EC Operator: LM	Operator: JR Operator: EC	Operator: Operator:

ATTACHMENT 2
Page 3 of 3

6.[6] Date: From 11-17-14 to 11-23-14

6.[2] Comments:

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Jackie Romero	Jackie Romero	1187066	JR	11/17/14
Eloy D. Cordova	[illegible]	1114188	EC	11-17-14
Josephine Duran	[illegible]	157971	[illegible]	11/18/14
Thomas Vigil	[illegible]	236382	[illegible]	11/18/14
Josephine Duran	[illegible]	157971	[illegible]	11/19/14
Thomas Vigil	[illegible]	236382	[illegible]	11/19/14
Alfredo Aguilar	[illegible]	293125	[illegible]	11/20/14
Thomas Vigil	[illegible]	236382	[illegible]	11/20/14
Eloy D. Cordova	[illegible]	1114188	EC	11-21-14
Leon Montoya	[illegible]	191526	LM	11/21/14
Jackie Romero	Jackie Romero	1187066	JR	11/22/14
Eloy D. Cordova	[illegible]	1114188	EC	11-22-14
	/	/	/	/
	/	/	/	/

8.1[2] Reviewed by:

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

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INITIAL JK DATE 11-17-14

ATTACHMENT 3
Page 1 of 3

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

6.[6] Date: From 11/17/14 to 11/23/14

	Monday 6.[6] Start Time: 1135	Tuesday 6.[6] Start Time: 1037	Wednesday 6.[6] Start Time: 1453	Thursday 6.[6] Start Time: 1156	Friday 6.[6] Start Time: 0804	Saturday 6.[6] Start Time: 0748	Sunday 6.[6] Start Time:
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: Model: Cal. Due Date: File Number
Ambient Temperature (6.[7])	52.3 °F	50.9 °F	50.4 °F	52.9 °F	49.0 °F	48.1 °F	°F
Container ID #	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
68685	53.0	51.6	52.9	54.4	52.1	50.4	
68540	53.3	51.3	52.7	54.6	51.4	49.8	
LA00000070503 68553	52.0	51.2	52.6	54.7	51.6	49.5	
LA00000070503 69445	52.9	51.9	52.3	54.8	51.4	49.6	
69618	52.4	50.8	52.0	54.0	50.1	48.2	
69013	53.0	51.6	53.3	54.5	53.2	51.4	
LASB50522	53.8	53.6	53.8	55.7	52.8	51.5	
LASB50452	54.0	52.8	53.3	55.8	53.0	51.4	
LASB50431	53.6	52.7	53.8	55.6	53.8	52.6	
LASB50069	54.0	52.1	53.0	54.6	52.8	51.8	
LASB50073	55.1	53.0	53.4	55.5	53.3	51.9	
69636	54.4	53.1	53.8	55.4	54.2	52.6	
69616	54.6	52.8	53.7	55.7	54.0	52.3	
69417	53.8	53.9	54.0	55.6	54.0	52.0	

ATTACHMENT 3
Page 2 of 3

6.[6] Date: From 11/17/14 to 11/23/14

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	54.0	53.8	54.3	55.3	53.1	52.1	
69520	53.7	52.6	54.5	55.9	53.3	51.8	
69641	54.5	53.1	54.5	56.1	53.7	52.3	
69298	54.5	53.3	54.3	55.8	54.2	52.8	
LASB02203	54.8	54.3	54.0	55.6	54.0	52.6	
Ambient Temperature (6.[12])	52.9 °F	51.3 °F	50.5 °F	53.2 °F	49.7 °F	48.1 °F	°F
End Time (6.[13])	1143	1046	1458	1155	0808	0752	
6.[13]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: LB Operator: NS	Operator: LB Operator: NS	Operator: Operator:

6.[2] Comments:

ATTACHMENT 3
Page 3 of 3

6.[6] Date: From 11/17/14 to 11/23/14

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Thomas Vigil		236382	TV	11/17/14
Joshua Lopez		116598	JL	11/17/14
Thomas Vigil		236382	TV	11/18/14
Joshua Lopez		116598	JL	11/18/14
Thomas Vigil		236382	TV	11/19/14
Joshua Lopez		116598	JL	11/19/14
Thomas Vigil		236382	TV	11/20/14
Joshua Lopez		116598	JL	11/20/14
Larry Brito		116465	LB	11-21-14
Norman Sanchez		187818	NS	11/21/14
Larry Brito		116465	LB	11/22/14
Norman Sanchez		187818	NS	11/22/14

8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

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Z# 187064
INITIAL JR DATE 11-17-14

ATTACHMENT 4
Page 1 of 3

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

6.[6] Date: From 11-17-14 to 11-23-14

	Monday 6.[6] Start Time: 1144	Tuesday 6.[6] Start Time: 1047	Wednesday 6.[6] Start Time: 1459	Thursday 6.[6] Start Time: 1156	Friday 6.[6] 0810 Start Time: 0804	Saturday 6.[6] Start Time: 0753	Sunday 6.[6] Start Time:
TA-54-375 Cell 2							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: Fluke Model: 561 Cal. Due Date: 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: 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: 6/12/15 File Number 101912	Brand: Fluke Model: 561 Cal. Due Date: 6/12/15 File Number 101912	Brand: Model: Cal. Due Date: File Number
Ambient Temperature (6.[7])	51.7 °F	54.6 °F	55.1 °F	57.7 °F	11-21-14 ~~49.0~~ 50.9 °F	57.3 °F	°F
Container ID #	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
LASB02198	49.5	51.0	56.0	57.5	10-21-14 ~~52.7~~ 50.5	51.5	
68638	51.0	53.0	56.8	58.3	10-21-14 ~~51.9~~ 51.8	52.4	
69615	51.6	53.7	56.3	58.4	10-21-14 ~~51.6~~ 52.7	52.9	
69635	52.2	54.0	57.1	58.7	10-21-14 ~~51.9~~ 53.2	54.4	
69642	54.4	54.8	55.7	58.0	10-21-14 ~~50.1~~ 52.5	52.6	
69630	52.2	55.2	55.9	57.6	10-21-14 ~~52.2~~ 52.1	52.4	
69633	50.8	54.0	56.7	58.2	10-21-14 ~~52.8~~ 52.7	52.9	
68430	50.8	52.7	55.9	57.7	10-21-14 ~~52.0~~ 52.5	52.1	
68631	50.3	51.6	55.7	57.5	10-21-14 ~~53.8~~ 51.4	51.2	
69634	49.3	52.8	55.3	57.4	10-21-14 ~~52.9~~ 50.6	50.7	
68567	49.3	51.0	56.0	57.0	10-21-14 ~~52.3~~ 51.0	51.4	
94227	50.2	52.3	56.1	56.6	10-21-14 ~~54.2~~ 51.7	51.7	
LASB50442	49.0	52.4	56.0	56.9	10-21-14 ~~54.0~~ 52.8	53.5	
69644	49.7	55.5	56.3	57.0	10-21-14 ~~55~~ 52.7	53.0	
LASB50443	51.6	52.8	56.0	57.6	52.1	52.3	
69638	50.2	53.2	57.1	58.9	52.0	52.1	

ATTACHMENT 4
Page 2 of 3

6.[6] Date: From 11-17-14 to 11-23-14

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-54-375 Cell 2 (continued)							
68624	50.5	54.6	57.3	58.2	52.7	52.2	
68507	48.6	53.4	56.2	58.5	52.9	53.6	
69568	48.8	54.2	56.6	56.8	51.9	51.4	
69553	49.0	50.9	54.6	55.8	50.8	50.6	
69598	48.7	50.9	55.0	58.9	51.5	51.1	
LASB50559	48.8	52.7	55.7	58.9	52.5	52.5	
69015	49.4	54.4	57.0	58.9	53.2	52.9	
69639	50.9	55.1	57.5	57.6	53.2	53.2	
69637	50.8	53.6	58.0	55.8	52.7	52.6	
Ambient Temperature (6.[12])	51.5 °F	53.5 °F	54.7 °F	56.3 °F	57.0 °F	49.8 °F	°F
End Time (6.[13])	1151	1553	1564	1202	0814	0805	
6.[13]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: LB Operator: NS	Operator: LB Operator: NS	Operator: Operator:

6.[2] Comments:

ATTACHMENT 4
Page 3 of 3

6.[6] Date: From 11-17-14 to 11-23-14

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Thomas Vigil		236382		11/17/14
Joshua Lopez		116598		11/17/14
Thomas Vigil		236382		11/18/14
Joshua Lopez		116598		11/18/14
Thomas Vigil		236382		11/19/14
Joshua Lopez		116598		11/19/14
Thomas Vigil		236382		11/20/14
Joshua Lopez		116598		11/20/14
Larry Brito		116405	LB	11-21-14
Norman Sanchez		187818	NS	11/21/14
Larry Brito		116405	LB	11-22-14
Norman Sanchez		187818	NS	11/22/14

8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

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Z# 187066
INITIAL JR DATE 11-17-14

ATTACHMENT 5
Page 1 of 2

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

6.[6] Date: From 11-17-14 to 11-23-14

	Monday 6.[6] Start Time: 1128	Tuesday 6.[6] Start Time: 1036	Wednesday 6.[6] Start Time: 1448	Thursday 6.[6] Start Time: 1145	Friday 6.[6] Start Time: 0758	Saturday 6.[6] Start Time: 0743	Sunday 6.[6] Start Time:
TA-54-375 Cell 3							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: Fluke Model: 561 Cal. Due Date: 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: Model: Cal. Due Date: File Number
Ambient Temperature (6.[7])	42.6 °F	50.9 °F	53.8 °F	55.7 °F	51.4 °F	50.7 °F	°F
Container ID #	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
69519	44.4	51.9	55.5	57.0	53.6	52.6	
69645	44.4	52.1	55.5	57.1	53.6	52.7	
94068	44.8	52.0	56.0	56.7	53.2	52.3	
93605	44.7	51.1	55.1	56.2	52.5	51.2	
69548	44.5	51.1	54.8	56.2	52.2	51.5	
69604	44.5	51.3	54.4	56.0	53.4	52.2	
LASB50529	44.7	51.7	55.5	56.7	53.5	52.9	
LASB50418	43.5	52.3	55.1	56.6	53.3	52.4	
69036	42.7	52.3	54.9	56.4	52.1	52.0	
LASB50451	42.8	50.6	54.2	56.2	51.9	51.8	
69559	44.6	50.9	54.5	55.7	52.6	51.6	
LASB50448	44.8	50.8	54.0	55.3	51.7	51.0	
Ambient Temperature (6.[12])	42.8 °F	50.2 °F	53.3 °F	55.1 °F	52.0 °F	51.2 °F	°F
End Time (6.[13])	1134	1040	1452	1149	0802	0747	
6.[13]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: LB Operator: NS	Operator: LB Operator: NS	Operator: Operator:

ATTACHMENT 5
Page 2 of 2

6.[6] Date: From 11-17-14 to 11-23-14

6.[2] Comments:

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
THOMAS VIGIL		236382	TV	11/17/14
Joshua Lopez		116598	JL	11/17/14
THOMAS VIGIL		236382	TV	11/18/14
Joshua Lopez		116598	JL	11/18/14
THOMAS VIGIL		236382	TV	11/19/14
Joshua Lopez		116598	JL	11/19/14
THOMAS VIGIL		236382	TV	11/20/14
Joshua Lopez		116598	JL	11/20/14
Larry Brito		116405	LB	11-21-14
Norman Sanchez		187818	NS	11/21/14
Larry Brito		116405	LB	11/22/14
Norman Sanchez		187818	NS	11/22/14

8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

ATTACHMENT 2
Page 1 of 3

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

6.[6] Date: From 11·23·14 to 11. 23·14

	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:	Saturday 6.[6] Start Time:	Sunday 6.[6] Start Time: 0900
TA-54-231							
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: Fluke Model: 561 Cal. Due Date: 7/29/15 File Number: 101974
Ambient Temperature (6.[7])	°F	°F N A	°F	°F	°F	°F	41.8 °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])
S818435							42.7
S802833							41.4
S801676							40.6
S816810							39.5
70069							38.9
S822844							39.1
S825879							39.4
S793724							39.8
S813545							39.5
S822713							41.3
S802739							41.1
69907							41.0
S804995							41.8
S816434							43.8

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INITIAL SC DATE 11·23·14

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6.[6] Date: From 11·23·14 to 11·23·14

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							42.7
S862888							41.5
70072							42.4
S823184							41.5
S822599							40.7
69904							39.8
S805051							39.4
S864213							39.4
S853714							39.6
S803078							39.8
S825878			N a				39.9
S823124							39.9
S804948							42.9
S813385							41.8
S842446							42.6
Ambient Temperature (6.[12])	____ °F	____ °F	____ °F	____ °F	____ °F	____ °F	41.9 °F
End Time (6.[13])	____	____	____	____	____	____	0908
6.[13]	Operator: ____ Operator: ____	Operator: ____ Operator: ____	Operator: ____ Operator: ____	Operator: ____ Operator: ____	Operator: ____ Operator: ____	Operator: ____ Operator: ____	Operator: JR Operator: SC

ATTACHMENT 2
Page 3 of 3

6.[6] Date: From 11.23.14 to 11.23.14

6.[2] Comments: Started New Attachment on 11-23-14 Due to Ipc-1 for EWMO-AREAG-FO-DOP-1246 R.5 EC

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Jackie Romero	Jackie Romero	1187066	JR	11-23-14
Elvy D. Collins	Elvy D. Collins	1114188	EC	11.23.14
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	/	/	/	/
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8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date
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ATTACHMENT 3
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TA-54 AREA G TA-54-375 CELL 1 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[6] Date: From 11·23·14 to 11·23·14

	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:	Saturday 6.[6] Start Time:	Sunday 6.[6] Start Time: 0750
TA-54-375 Cell 1							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: ____ Model: ____ Cal. Due Date: ____ File Number ____	Brand: ____ Model: ____ Cal. Due Date: ____ File Number ____	Brand: ____ Model: ____ Cal. Due Date: ____ File Number ____	Brand: ____ 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: 6/12/15 File Number 101915
Ambient Temperature (6.[7])	____ °F	____ °F	N A °F	____ °F	____ °F	____ °F	51.4 °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							52.5
LA00000070503 68540							52.8
LA00000070503 68553							52.2
69445							54.3
69618							52.1
69013							54.5
LASB50522							54.5
LASB50452							54.4
LASB50431							53.7
LASB50069							53.9
LASB50073							54.4
69636							55.0
69616							54.2
69417							54.3

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INITIAL EC DATE 11·23·14

ATTACHMENT 3
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6.[6] Date: From 11-23-14 to 11-23-14

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							53.8
69520							54.2
69641							54.7
69298			N A				55.0
LASB02203							54.8
Ambient Temperature (6.[12])	____°F	____°F	____°F	____°F	____°F	____°F	51.9 °F
End Time (6.[13])							0755
6.[13]	Operator: ____ Operator: ____	Operator: ____ Operator: ____	Operator: ____ Operator: ____	Operator: ____ Operator: ____	Operator: ____ Operator: ____	Operator: ____ Operator: ____	Operator: NS Operator: [illegible]

6.[2] Comments: Started New Attachment on 11-23-14 Due to IPC-1 for EWMO-AREAG-FO-Dop-1246 R. 5, ec

ATTACHMENT 3
Page 3 of 3

6.[6] Date: From 11/23/14 to 11/23/14

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Norman Sanchez	Norman Sanchez	1878818	NS	11/23/14
Luis Montoya		1915261	LM	11/23/14
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8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date
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ATTACHMENT 4

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

6.[6] Date: From 11-23-14 to 11-23-14

	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:	Saturday 6.[6] Start Time:	Sunday 6.[6] Start Time: 0757
TA-54-375 Cell 2							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: 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: 6/12/15 File Number 101912
Ambient Temperature (6.[7])	°F	°F	N A °F	°F	°F	°F	55.8 °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])
LASB02198							55.2
68638							55.4
69615							56.0
69635							56.6
69642							55.9
69630							55.8
69633							56.2
68430							56.1
68631							55.9
69634							55.1
68567							55.9
94227							55.5
LASB50442							56.8
69644							55.9
LASB50443							55.2
69638							56.4

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6.[6] Date: From 11·23·14 to 11·23·14

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							56.0
68507							56.5
69568							56.1
69553							54.6
69598							56.6
LASB50559			N A				57.3
69015							57.2
69639							56.4
69637							56.4
Ambient Temperature (6.[12])	____ °F	____ °F	____ °F	____ °F	____ °F	____ °F	54.9 °F
End Time (6.[13])							0803
6.[13]	Operator: ____ Operator: ____	Operator: ____ Operator: ____	Operator: ____ Operator: ____	Operator: ____ Operator: ____	Operator: ____ Operator: ____	Operator: ____ Operator: ____	Operator: NS Operator: ____

6.[2] Comments: Started New Attachment on 11·23·14 Due to IPC-1 for EWMO-AREAG-FO-DCP-1246 Rev.5.E.C.

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6.[6] Date: From 11.23.14 to 11.23.14

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Norman Sanchez	Norman Sanchez	1878181	NS	11/23/14
Leon Montoya		1915261	Lm	11/23/14
	/	/	/	/
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Operator (print)	Signature	Z#	Initials	Date
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8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date
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ATTACHMENT 5

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

6.[6] Date: From 11.23.14 to 11.23.14

	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:	Saturday 6.[6] Start Time:	Sunday 6.[6] Start Time: 0744
TA-54-375 Cell 3							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: 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: 6/12/15 File Number 101916
Ambient Temperature (6.[7])	°F	°F	N A °F	°F	°F	°F	53.2 °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							52.1
69645							52.2
94068							52.2
93605							54.1
69548							54.1
69604							54.3
LASB50529							55.1
LASB50418							54.8
69036							54.6
LASB50451							54.2
69559							54.2
LASB50448							53.9
Ambient Temperature (6.[12])	°F	°F	°F	°F	°F	°F	53.7 °F
End Time (6.[13])							0749
6.[13]	Operator: Operator:	Operator: Operator:	Operator: Operator:	Operator: Operator:	Operator: Operator:	Operator: Operator:	Operator: NS Operator: [illegible]

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INITIAL [illegible] DATE [illegible]

ATTACHMENT 5
Page 2 of 2

6.[6] Date: From 11-23-14 to 11-23-14

6.[2] Comments: started new Attachment on 11-23-14 Due to IPC-1 for EWMO-AREAG-FO-DCP-1246 R.5 EC

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Norman Sanchez	Norman Sanchez	1878187	NS	11/23/14
Luis Montoya	[illegible]	191526	[illegible]	11/23/14

N A

Operator (print)	Signature	Z#	Initials	Date

N A

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 11-21-14 to 11-21-14 Location: Dome 375 Cell 1

	Start Time: 6.[6] 0630	Start Time: 6.[6] 0732	Start Time: 6.[6] 0831	Start Time: 6.[6] 0930	Start Time: 6.[6] 1031	Start Time: 6.[6] 1129	Start Time: 6.[6] 1231	Start Time: 6.[6] 1330	Start Time: 6.[6] 1431	Start Time: 6.[6] 1530	Start Time: 6.[6] 1631	Start Time: 6.[6] 1730	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand / Model / Cal Due Date 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	49.41 °F	49.53 °F	50.85 °F	50.76 °F	52.05 °F	51.53 °F	53.72 °F	53.09 °F	52.78 °F	52.28 °F	52.35 °F	51.89 °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 T1	51.24	51.39	52.55	52.44	53.36	52.17	53.86	53.26	52.92	52.35	52.81	52.46		
68685 T2	50.40	50.68	51.93	51.66	52.57	51.37	53.18	52.59	52.22	51.76	52.29	52.02		
50522 T4	51.20	51.32	52.16	52.27	53.03	52.22	53.49	53.15	52.90	52.51	52.70	52.40		
50522 T5	50.89	50.93	51.75	51.95	52.69	51.98	53.36	53.03	52.70	52.37	52.61	52.23		

N/A

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6.[6] Date: From 11·21·14 to 11·21·14 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							
Ambient Temperature (6.[12]) TS	49.39 °F	49.50 °F	50.95 °F	50.76 °F	52.05 °F	51.53 °F	53.72 °F	53.10 °F	52.78 °F	52.28 °F	52.35 °F	51.89 °F	°F	°F
End Time (6.[13])	0630	0732	0831	0931	1032	1130	1231	1330	1432	1531	1631	1731		
6.[13]	Operator: WJ Operator: RM	Operator: RM Operator: WJ	Operator: RM Operator: WJ	Operator: WJ Operator: RM	Operator: WJ Operator: RM	Operator: RM Operator: JC	Operator: RM Operator: WJ	Operator: RM Operator: WJ	Operator: WJ Operator: RM	Operator: WJ Operator: RM	Operator: RM Operator: WJ	Operator: WJ Operator: RM	Operator: Operator:	Operator: Operator:

ATTACHMENT 6
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6.[6] Date: From 11-21-14 to 11-21-14 Location: Dome 375 cell 1

6.[2] Comments: Did not enter Permacon Per Standing Order 1241 - Area G all temps are taken from Data logger computer in Control Room 375

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
William Juarez	[signature]	201458	WJ	11-21-14
Nick Martinez	[signature]	163261	RM	112114
Jesse Chavez	[signature]	204578	JC	11-21-14

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

6.[6] Date: From 11-21-14 to 11-22-14 Location: Dome 375 Cell 1

	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]
	1827	~~1830~~ 1850	2033	2133	2230	2337	0032	0129	0228	0331	0425	0520		
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])	51.39 °F	51.17 °F	50.61 °F	50.77 °F	50.84 °F	50.91 °F	50.68 °F	50.16 °F	49.93 °F	49.20 °F	48.70 °F	48.48 °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	52.24	52.16	52.03	52.08	52.27	52.45	52.37	51.97	51.74	50.31	50.10	50.41		
T(2) 68685	51.72	51.55	51.19	51.32	51.57	51.72	51.52	51.15	50.9	50.76	50.62	49.54		
T(4) 50522	52.3	52.13	52.03	52.02	52.11	52.21	52.11	51.84	51.65	50.42	51.9	50.56		
T(5) 50522	52.03	51.87	51.82	51.81	51.88	51.95	51.87	51.56	51.35	50.15	50.87	50.3		

N/A

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6.[6] Date: From 11·21·14 to 11·22·14 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
Ambient Temperature (6.[12])	51.45 °F	51.17 °F	50.61 °F	50.73 °F	50.86 °F	50.93	50.67 °F	50.16 °F	49.91 °F	49.67 °F	48.71 °F	48.48 °F	°F	°F
End Time (6.[13])	1828	~~1831~~ ~~1834~~	2034	2134	2231	2338	0033	0130	0229	0332	0425	0521		
6.[13]	Operator: LQC Operator: MV	Operator: LQC Operator: MV	Operator: CV Operator: LQC	Operator: CV Operator: LQC	Operator: LQC Operator: CV	Operator: CV Operator: MV	Operator: CV Operator: MV	Operator: LQC Operator: CV	Operator: LQC Operator: CV	Operator: CV Operator: MV	Operator: CV Operator: MV	Operator: CV Operator: MV	Operator: A Operator: N	Operator: Operator:

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6.[6] Date: From 11-21-14 to 11-22-14 Location: Dome 375 cell 1

6.[2] Comments: Did not enter Permacon Per Standing Order 1247.1.5, Temps were taken from Dome 375 Control Room.

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Wilkes, C		11298-10R		11-22-14
Michael Vigil		215267	MV	11/22/14
Chris Vigil		163382	CV	11/22/14

Operator (print)	Signature	Z#	Initials	Date

8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

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

6.[6] Date: From 11-22-14 to 11-22-14 Location: D375 Cell 1

	Start Time: 6.[6] 0631	Start Time: 6.[6] 0730	Start Time: 6.[6] 0830	Start Time: 6.[6] 0930	Start Time: 6.[6] 1029	Start Time: 6.[6] 1129	Start Time: 6.[6] 1230	Start Time: 6.[6] 1328	Start Time: 6.[6] 1429	Start Time: 6.[6] 1528	Start Time: 6.[6] 1629	Start Time: 6.[6] 1728	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: Model: N Cal. Due Date: A File Number:	Brand: Model: N A Cal. Due Date: File Number	Brand: Model: N A Cal. Due Date: File Number	Brand: Model: N A Cal. Due Date: File Number	Brand: Model: N A Cal. Due Date: File Number	Brand: Model: N A Cal. Due Date: File Number	Brand: Model: N A Cal. Due Date: File Number	Brand: Model: N A Cal. Due Date: File Number	Brand: Model: N A Cal. Due Date: File Number	Brand: Model: N A Cal. Due Date: A File Number	Brand: Model: N A Cal. Due Date: File Number	Brand: Model: N A Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number
Ambient Temperature (6.[7])	48.03 °F	48.06 °F	49.8 °F	57.92 °F	51.82 °F	53.12 °F	54.72 °F	55.95 °F	56.13 °F	55.39 °F	53.95 °F	51.68 °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	49.94	49.97	51.57	53.48	52.38	53.15	54.51	55.58	55.77	55.04	53.72	51.81		
68685	49.13	49.20	51.11	52.85	51.6	52.48	53.81	54.82	54.97	54.28	53.02	51.14		
50522	50.18	50.18	51.53	52.81	52.33	52.88	53.96	54.82	55.1	54.65	53.7	52.3		
50522	49.92	49.86	51.01	52.5	52.12	52.83	53.95	54.82	55.06	54.57	53.57	52.4		

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INITIAL EC DATE 11-22-14

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6.[6] Date: From 11-22-14 to 11-22-14 Location: D375 CW11

Container ID # (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
Ambient Temperature (6.[12])	48.03 °F	48.04 °F	49.91 °F	51.97 °F	51.82 °F	53.15 °F	54.75 °F	55.95 °F	56.12 °F	55.39 °F	53.9 °F	51.66 °F	°F	°F
End Time (6.[13])	0633	0730	0831	0930	1030	1130	1231	1329	1430	1530	1630	1730		
6.[13]	Operator: [illegible] Operator: NS	Operator: EL Operator: JR	Operator: LB Operator: NS	Operator: LB Operator: NS	Operator: LB Operator: NS	Operator: LB Operator: NS	Operator: NS Operator: LB	Operator: LB Operator: [illegible]	Operator: LB Operator: [illegible]	Operator: [illegible] Operator: NS	Operator: NS Operator: LB	Operator: [illegible] Operator: LB	Operator: Operator:	Operator: Operator:

N/A

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6.[6] Date: From 11-22-14 to 11-22-14 Location: D375 Cell 1

6.[2] Comments: Did not enter Permission for Standing order 12478.5 Temps were taken using computer Data Logger EC 11-22-14

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Larry Brito	L Brito	111665	LB	11-22-14
Juan Garcia	Juan Garcia	169840	JG	11-22-14
Eloy D. Caldera	EC	114188	EC	11-22-14
Norman Sanchez	Norman Sanchez	187808	NS	11/22/14
Jackie Romero	Jackie Romero	187266	JR	11/22/14

Operator (print)	Signature	Z#	Initials	Date

8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

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

6.[6] Date: From 11-22-14 to 11-23-14 Location: 375

	Start Time: 6.[6] 1826	Start Time: 6.[6] 1927	Start Time: 6.[6] 2026	Start Time: 6.[6] 2125	Start Time: 6.[6] 2226	Start Time: 6.[6] 2325	Start Time: 6.[6] 0026	Start Time: 6.[6] 0124	Start Time: 6.[6] 0225	Start Time: 6.[6] 0327	Start Time: 6.[6] 0425	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: A Cal. Due Date: N File Number	Brand: Model: A Cal. Due Date: N File Number	Brand: Model: A Cal. Due Date: N File Number	Brand: Model: A Cal. Due Date: N File Number	Brand: Model: A Cal. Due Date: N File Number	Brand: Model: A Cal. Due Date: N File Number	Brand: Model: A Cal. Due Date: N File Number	Brand: Model: A Cal. Due Date: N File Number	Brand: Model: A Cal. Due Date: N File Number	Brand: Model: A Cal. Due Date: N File Number	Brand: Model: A Cal. Due Date: N File Number	Brand: Model: A Cal. Due Date: N File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number
Ambient Temperature (6.[7])	51.89 °F	52.7 °F	50.96 °F	51.87 °F	52.05 °F	51.58 °F	50.45 °F	50.84 °F	51.76 °F	50.96 °F	51.02 °F	50.84	°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+1	52.5	53.58	51.74	52.83	53.09	52.47	51.63	52.12	53.04	52.32	52.56	52.27		
68685+2	51.77	53.08	51.13	52.18	52.48	51.99	50.8	51.4	52.41	51.65	51.95	51.65		
50522+4	52.7	53.23	52.12	52.85	52.87	52.4	52.01	52.27	52.79	52.24	52.33	52.2		
50522+5	52.5	53.05	51.85	52.44	52.65	52.14	51.64	51.91	52.46	51.92	51.97	51.85		

N/A

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6.[6] Date: From 11-22-14 to 11-23-14 Location: 325

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])	51.86	52.7 °F	51.06	51.68	52.05	51.58	50.42	50.84	51.76 °F	50.96	51.05	50.84	°F	°F
End Time (6.[13])	1827	1928	2027	2126	2227	2326	0027	0125	0226	0328	0426	0526		
6.[13]	Operator: DA Operator:	Operator: DA Operator:	Operator: DA Operator:	Operator: DA Operator:	Operator: DA Operator:	Operator: DA Operator:	Operator: DA Operator:	Operator: DA Operator:	Operator: DA Operator:	Operator: DA Operator:	Operator: DA Operator:	Operator: DA Operator:	Operator: Operator:	Operator: Operator:

NA

NA

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6.[6] Date: From 11-22-14 to 11-23-14 Location: 375

6.[2] Comments: Did not Enter Permacom due to Standing Order 1247-Area G all Temps were taken Data Logger Computer in Dome 375

N/A

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Luca Aguirre	[signature]	[illegible]	[illegible]	11-23-14
Joshua Lopez	[signature]	116580	[illegible]	11/23/14

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 11-23-14 to 11-23-14 Location: 375

	Start Time: 6.[6] 0630	Start Time: 6.[6] 0729	Start Time: 6.[6] 0828	Start Time: 6.[6] 0928	Start Time: 6.[6] 1030	Start Time: 6.[6] 1126	Start Time: 6.[6] 1227	Start Time: 6.[6] 1325	Start Time: 6.[6] 1427	Start Time: 6.[6] 1527	Start Time: 6.[6] 1627	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: Cal. Due Date: File Number
Ambient Temperature (6.[7])	50.81 °F	50.53 °F	51.9 °F	52.86 °F	53.61 °F	53.58 °F	54.05 °F	54.58 °F	53.34 °F	52.86 °F	53.16 °F	51.38 °F	°F	°F
Container ID # (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
68685	52.17	51.88	53.15	53.65	53.86	53.46	53.61	54.04	53.83	52.52	53.35	52		
68685	51.53	51.13	52.48	53.18	53.12	52.68	52.91	53.33	53.08	51.84	52.86	51.36		
50522	52.17	52.01	53.02	53.1	53.68	53.34	53.47	53.82	53.72	52.83	53.19	51.38		
50522	51.85	51.71	52.65	52.98	53.53	53.24	53.48	53.88	53.75	52.8	53.18	52.2		

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6.[6] Date: From 11-23-14 to 11-23-14 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])	50.81 °F	50.53 °F	51.9 °F	52.94 °F	53.61 °F	53.58 °F	54.05 °F	54.58 °F	54.34 °F	52.86 °F	53.19 °F	51.41 °F	____ °F	____ °F
End Time (6.[13])	0631	0730	0829	0929	1031	11:26	1228	1327	1428	1528	1628	1729		
6.[13]	Operator: [illegible] Operator: ZB	Operator: ZB Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: ZB Operator: [illegible]	Operator: ZB Operator: [illegible]	Operator: LM Operator: NS	Operator: ZB Operator: LM	Operator: LM Operator: [illegible]	Operator: ZB Operator: NS	Operator: NS Operator: [illegible]	Operator: [illegible] Operator: NS	Operator: NS Operator: [illegible]	Operator: N Operator:	Operator: Operator:

ATTACHMENT 6
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6.[6] Date: From 11-23-14 to 11-23-14 Location: 375

6.[2] Comments: Did not enter Permacon due to Standing Order 1247-Area G all Temps were taken Data logger computer in Dome 375

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Norman Sanchez	Norman Sanchez	187818	NS	11/23/14
Larry Brito	L Brito	116405	LB	11/23/14
Juan Garcia	J Garcia	169840	[illegible]	11/23/14
Leon Montoya	[illegible]	191526	[illegible]	11/23/14

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

6.[6] Date: From 11-23-14 to 11-24-14 Location: Dome 375 Cell 1

	Start Time: 6.[6] 1827	Start Time: 6.[6] 1928	Start Time: 6.[6] 2028	Start Time: 6.[6] 2130	Start Time: 6.[6] 2229	Start Time: 6.[6] 2328	Start Time: 6.[6] 0030	Start Time: 6.[6] 0131	Start Time: 6.[6] 0227	Start Time: 6.[6] 0328	Start Time: 6.[6] 0429	Start Time: 6.[6] 0528	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])	50.86 °F	51.11 °F	50.58 °F	50.73 °F	50.27 °F	49.69 °F	48.43 °F	47.83 °F	47.06 °F	46.04 °F	45.15 °F	44.69 °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])
(T1) 68685	52.03	52.53	52.04	52.38	52.02	51.59	50.47	49.92	49.19	48.26	47.42	46.98		
(T2) 68685	51.35	51.8	51.35	51.6	51.24	50.72	49.59	49.07	48.33	47.38	46.59	46.12	NA	NA
(T4) 50522	52.1	52.35	52.1	52.27	52.0	51.62	50.73	47.83	49.66	48.92	48.2	47.84		
(T5) 50522	51.91	52.13	51.86	52.0	51.73	51.33	50.49	50.27	49.46	48.71	48.04	47.62		

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6.[6] Date: From 11.23.14 to 11.24.14 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	NA
Ambient Temperature (6.[12])	50.86 °F	51.11 °F 11-23-14	50.59 °F	50.73	50.25 °F	49.70 °F	48.43 °F	47.77 F	47.01 °F	46.04 °F	11-24-14 45.1 °F	44.69 °F	°F	°F
End Time (6.[13])	1828	1929	2029	2131	2230	2328	0030	0132	0228	0329	0435	0529		
6.[13]	Operator: WJC Operator: TR	Operator: OB Operator: WJC	Operator: OB Operator: WJC	Operator: WJC Operator: TR	Operator: WJC Operator: TR	Operator: TR Operator: WJC	Operator: WJC Operator: OB	Operator: WJC Operator: OB	Operator: TR Operator: OB	Operator: OB Operator: WJC	Operator: OB Operator: WJC	Operator: OB Operator: [illegible]	Operator: Operator:	Operator: Operator:

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6.[6] Date: From 11-23-14 to 11-24-14 Location: Dome 375 cell 1

6.[2] Comments: Did not Enter permacon per Standing order 1247 R.5. All temps are taken from data logger in control room in Dome 375

6.[17] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Willie J. Robert	[signature]	111258	WJR	11-24-14
Sammy Banks	[signature]	114474	SB	11-24-14
Timmy Romero	[signature]	234258	TR	11-24-14