From: Haagenstad, Mark P
Sent: Monday, October 06, 2014 5:53 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
Subject: Daily Technical Submission - October 6, 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. Thank you.

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

October 6, 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.
      - October 4-6, 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 October, LANL has conducted HSG sampling on 22 SWBs. HSG sampling was conducted on 5 additional SWBs today.
      - Note: LANL previously conducted HSG sampling on each of the 55 SWBs that contain 55-gallon drums of remediated nitrate salt-bearing waste (under Section I of the Isolation Plan).
- **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 on hold due to pause discussed in notes for October 2, 2014.
    - Five (5) other SWB overpacks (containing 55-gallon drums of remediated nitrate salt-bearing waste).
      - Continue twice-weekly HSG sample collection.

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

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	In progress – remaining are portions of item 5	Partially 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)
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

	Requested Information	Actionee	Status	Completion Date
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	In progress.Currently scheduled for 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	In progress	
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.

Next Call: Tuesday October 7, 2014

Remediated Nitrate Salt Container Headspace Gas Analysis

	68685				69553				69615				69616				SB50069				SB50452				SB50522			
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**	**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**	**H_2 ppm**	**CO ppm**	**CO_2 ppm**	**N_2O ppm**
10/04/14	117	920	20784	6474																					6234	441	54422	983
10/05/14	119	947	21382	6474																					5913	416	53324	979
10/06/14	138	900	22533	6976	158	740	24254	3615	84	340	7156	385	301	1158	32008	7249	504	1210	29899	4922	580	996	24490	4729	6417	485	56839	1026

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 09/29/14 to 10/05/14

	Monday 6.[6] Start Time: 0950	Tuesday 6.[6] Start Time: 0943	Wednesday 6.[6] Start Time: 1120	Thursday 6.[6] Start Time: 0919 ~~1306~~	Friday 6.[6] Start Time: 0824	Saturday 6.[6] Start Time: 0747	Sunday 6.[6] Start Time: 0831
TA-54-231							
Calibrated Infrared Thermometer (6.[7])	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~~ Fluke Model: ~~561~~ 561 Cal. Due Date: 07/29/15 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
Ambient Temperature (6.[9])	63.6 °F	56.9 °F	62.8 °F	54.4 °F	50.2 °F	54.4 °F	52.2 °F
Container ID #	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])
S818435	63.2	58.6	62.9	53.6	50.9	52.6	53.0
S802833	63.0	56.3	62.1	54.8	50.0	51.5	52.5
S801676	62.9	55.7	61.6	~~53.8~~ 54.7	49.8	51.7	52.7
S816810	62.6	55.5	62.0	~~53.8~~ 53.8	47.8	49.2	51.6
70069	62.2	54.3	61.2	~~53.7~~ 53.4	47.5	49.1	51.1
S822844	62.8	54.8	61.8	~~53.6~~ 53.7	47.8	49.2	51.4
S825879	62.7	53.8	62.5	~~53.6~~ 53.6	47.6	49.5	51.1
S793724	62.6	55.1	62.2	~~53.5~~ 53.6	47.9	49.5	51.5
S813545	62.4	55.7	61.1	~~54.7~~ 53.5	48.2	50.0	51.7
S822713	63.1	56.8	62.9	~~54.6~~ 54.7	49.5	50.7	52.5
S802739	63.2	55.9	62.4	~~54.8~~ 54.6	49.6	50.6	52.6
69907	62.9	56.2	61.8	54.8	49.8	52.3	53.0
S804995	63.0	56.1	62.7	54.6	50.1	51.5	52.9
S816434	63.2	57.0	63.3	56.1	51.7	52.4	54.2

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Z# 219908
INITIAL WM DATE 9-29-14

ATTACHMENT 2
Page 2 of 3

6.[6] Date: From 09/29/14 to 10/05/14

Container ID #	Monday Temp (°F) (6.[10]/6.[11])	Tuesday Temp (°F) (6.[10]/6.[11])	Wednesday Temp (°F) (6.[10]/6.[11])	Thursday Temp (°F) (6.[10]/6.[11])	Friday Temp (°F) (6.[10]/6.[11])	Saturday Temp (°F) (6.[10]/6.[11])	Sunday Temp (°F) (6.[10]/6.[11])
TA-54-231 (continued)							
S805289	63.5	57.0	63.4	55.9	51.1	52.4	54.6
S862888	63.0	56.3	62.8	55.1	50.9	51.9	53.4
70072	62.9	55.8	62.5	55.0	50.3	51.5	52.6
S823184	63.3	56.8	63.4	55.1	50.0	51.2	52.7
S822599	63.1	56.4	62.9	54.9	49.5	50.8	52.6
69904	62.5	55.3	61.8	53.6	48.8	50.0	51.3
S805051	62.4	54.7	61.7	53.4	48.3	49.4	51.5
S864213	62.5	54.9	62.1	53.6	48.6	50.3	51.8
S853714	62.8	55.8	62.6	53.5	48.1	49.9	51.4
S803078	63.0	55.5	63.5	53.7	47.9	49.5	51.4
S825878	62.9	55.8	62.7	54.0	48.6	50.8	51.2
S823124	63.0	56.1	62.8	54.3	49.0	49.9	51.8
S804948	63.2	57.5	62.6	55.2	50.4	52.2	53.0
S813385	63.4	56.6	63.9	55.8	50.8	51.9	53.6
S842446	63.7	57.3	64.2	56.8	52.5	53.2	54.6
Ambient Temperature (6.[14])	63.9 °F	57.8 °F	63.6 °F	54.6 °F	50.3 °F	55.8 °F	53.2 °F
End Time (6.[15])	0959	0955	1129	0929	0832	0754	0835
6.[15]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: JR Operator: EL	Operator: JR Operator: [illegible]	Operator: JR Operator: [illegible]

ATTACHMENT 2
Page 3 of 3

6.[6] Date: From 09/29/14 to 10/05/14

6.[2] Comments:

6.[19] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Josephine Duran		151971	JD	9/29/14
Thomas Vigil		236382	TV	9/29/14
Josephine Duran		151971	JD	9/30/14
Alfredo Aguilar		231581	AA	9/30/14
Josephine Duran		151971	JD	10/01/14
Thomas Vigil		236382	TV	10/1/14
Thomas Vigil		236382	TV	10/2/14
Josephine Duran		151971	JD	10/2/14
Jackie Romero	Jackie Romero	187066	JR	10-3-14
Eloy D. Garcia		114188	EG	10-3-14
Jackie Romero	Jackie Romero	187066	JR	10-4-14
Pancho Miera		235165	PM	10-4-14
Jackie Romero	Jackie Romero	187066	JR	10-5-14
Pancho Miera		235165	PM	10-5-14

8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

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 9-29-14 to ~~9-29-14~~ 10-5-14 WO 201458

	Monday 6.[6] Start Time: 10:45	Tuesday 6.[6] Start Time: 1225	Wednesday 6.[6] Start Time: 1307	Thursday 6.[6] Start Time: 1631	Friday 6.[6] Start Time: 0953	Saturday 6.[6] Start Time: 0856	Sunday 6.[6] Start Time: 0755
TA-54-375 Cell 1							
Calibrated Infrared Thermometer (6.[7])	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 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.[9])	64.7 °F	65.3 °F	66.0 °F	61.6 °F	53.4 °F	51.6 °F	50.4 °F
Container ID #	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])
68685	63.8	63.9	65.7	61.4	52.3	51.4	50.6
68540	64.8	63.8	65.3	61.8	52.0	51.5	50.1
68553	65.0	63.5	65.9	61.7	52.0	51.2	49.6
69445	64.3	64.4	66.3	61.5	52.5	51.6	50.2
69618	64.4	64.0	65.5	62.2	52.2	52.0	51.1
69013	64.0	63.5	65.2	61.3	52.4	52.1	50.7
LASB50522	63.9	63.8	65.1	61.4	53.4	52.3	51.0
LASB50452	64.0	63.8	65.3	61.3	53.2	52.3	50.6
LASB50431	63.7	63.5	64.7	61.2	52.9	52.7	50.6
LASB50069	63.8	63.4	64.9	61.3	53.3	52.4	50.6
LASB50073	64.0	64.3	64.9	61.7	53.1	53.1	51.4
69636	63.6	63.1	64.5	61.2	52.9	52.2	51.2
69616	63.5	63.1	64.5	61.6	52.9	52.7	50.9
69417	63.8	63.6	65.1	61.8	53.1	51.9	51.1

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INITIAL [illegible] DATE 9-29-14

ATTACHMENT 3
Page 2 of 3

6.[6] Date: From 9-29-14 to ~~10-5-14~~ 10-5-14 JR 10/5/14

Container ID #	Monday Temp (°F) (6.[10]/6.[11])	Tuesday Temp (°F) (6.[10]/6.[11])	Wednesday Temp (°F) (6.[10]/6.[11])	Thursday Temp (°F) (6.[10]/6.[11])	Friday Temp (°F) (6.[10]/6.[11])	Saturday Temp (°F) (6.[10]/6.[11])	Sunday Temp (°F) (6.[10]/6.[11])
TA-54-375 Cell 1 (continued)							
69620	63.8	63.9	65.1	61.7	52.9	51.9	51.3
69520	64.4	63.5	65.4	61.7	52.8	52.7	51.8
69641	63.6	64.0	64.9	61.6	53.0	52.4	51.3
69298	63.7	63.8	64.7	61.6	53.1	52.6	51.6
LASB02203	63.6	63.3	64.6	61.4	53.0	52.2	51.2
Ambient Temperature (6.[14])	64.3 °F	65.5 °F	66.2 °F	61.8 °F	54.2 °F	52.9 °F	50.5 °F
End Time (6.[15])	10:50	1231	1312	1838	1000	0904	0759
6.[15]	Operator: JC Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: JC	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: NS	Operator: JR Operator: [illegible]	Operator: JR Operator: [illegible]

6.[2] Comments:

ATTACHMENT 3
Page 3 of 3

6.[6] Date: From 9-29-14 to 10-5-14

6.[19] Performed by:

Operator (print)	Signature	Z#	Initials	Date
William Juarez	William Juarez	201458	WJ	9-29-14
Jesse Chavez	[illegible]	1214578	JC	9-29-14
Tina Aguirre	Tina Aguirre	174977	TA	9-29-14
William Juarez	William Juarez	201458	WJ	9-30-14
Tina Aguirre	Tina Aguirre	174977	TA	9-30-14
Jesse Chavez	[illegible]	1214578	JC	9-30-14
Jesse Chavez	[illegible]	1214578	JC	10-1-14
Tina Aguirre	Tina Aguirre	174977	TA	10-01-14
William Juarez	William Juarez	201458	WJ	10-1-14
Thomas Vigil	[illegible]	1236382	TV	10/2/14
Joshua Lopez	[illegible]	1116578	JL	10-2-14
Juan Garcia	[illegible]	1169840	JG	10-3-14
Norman Sanchez	Norman Sanchez	1187818	NS	10-3-14
Jackie Romero	Jackie Romero	187066	JR	10-4-14
Pancho Miera	PMS	235765	PM	10-4-14
Jackie Romero	Jackie Romero	187066	JR	10-5-14
Pancho Miera	PMS	235765	PM	10-5-14

8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

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 9-29-14 to 10-5-14

	Monday 6.[6] Start Time: 10:51	Tuesday 6.[6] Start Time: 1232	Wednesday 6.[6] Start Time: 1313	Thursday 6.[6] Start Time: 1839	Friday 6.[6] Start Time: 1002	Saturday 6.[6] Start Time: 0907	Sunday 6.[6] Start Time: 0805
TA-54-375 Cell 2							
Calibrated Infrared Thermometer (6.[7])	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: Fluke Model: 561 Cal. Due Date: 6-12-15 File Number 101912
Ambient Temperature (6.[9])	62.5 °F	61.9 °F	63.1 °F	61.2 °F	52.9 °F	53.4 °F	51.3 °F
Container ID #	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])
LASB02198	62.6	61.7	62.5	60.9	52.4	52.3	51.8
68638	63.2	62.9	63.4	60.8	52.0	51.6	51.1
69615	63.5	62.4	64.1	61.4	52.3	51.8	51.3
69635	63.4	63.0	64.4	61.9	52.8	52.2	51.4
69642	63.3	63.4	64.6	61.5	52.6	51.5	50.9
69630	63.2	63.3	64.3	61.5	52.4	52.2	51.8
69633	63.1	62.8	63.6	61.6	52.6	52.7	52.3
68430	62.7	62.5	63.4	61.0	52.4	52.1	51.8
68631	62.8	62.2	63.2	61.0	52.5	51.9	51.0
69634	62.6	62.1	62.7	60.3	52.3	52.1	51.9
68567	62.7	61.7	62.9	60.4	52.1	51.5	50.5
94227	62.8	61.8	63.2	60.9	52.1	51.4	51.1
LASB50442	63.0	62.6	63.6	61.3	52.6	52.7	51.2
69644	63.2	62.7	63.8	61.4	52.9	52.2	51.6
LASB50443	63.3	62.4	63.5	61.2	53.2	52.5	51.8
69638	63.8	62.3	63.7	61.6	52.6	52.0	51.3

WORKING COPY
Z# 219908
INITIAL wm DATE 9-29-14

ATTACHMENT 4
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6.[6] Date: From 9-29-14 to 10-5-14

Container ID #	Monday Temp (°F) (6.[10]/6.[11])	Tuesday Temp (°F) (6.[10]/6.[11])	Wednesday Temp (°F) (6.[10]/6.[11])	Thursday Temp (°F) (6.[10]/6.[11])	Friday Temp (°F) (6.[10]/6.[11])	Saturday Temp (°F) (6.[10]/6.[11])	Sunday Temp (°F) (6.[10]/6.[11])
TA-54-375 Cell 2 (continued)							
68624	67.5	62.5	63.6	61.3	53.1	52.2	52.1
68507	63.0	61.8	63.5	61.0	52.5	51.6	50.8
69568	63.5	61.9	63.6	60.6	52.3	51.9	51.0
69553	62.8	62.0	63.7	60.8	52.2	51.8	50.3
69598	62.9	62.6	63.8	61.2	52.0	51.5	50.5
LASB50559	62.5	62.1	62.7	61.4	52.4	53.0	50.5
69015	62.8	62.5	63.5	61.2	52.2	53.5	51.3
69639	62.6	62.3	63.8	61.4	52.5	52.1	52.1
69637	62.7	62.7	64.1	61.2	52.2	51.9	51.2
Ambient Temperature (6.[14])	62.1 °F	62.1 °F	63.4 °F	60.4 °F	53.1 °F	52.0 °F	51.1 °F
End Time (6.[15])	10:55			1850	1009	0910	0811
6.[15]	Operator: JC Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: JC	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: HS	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: [illegible]

6.[2] Comments:

ATTACHMENT 4
Page 3 of 3

6.[6] Date: From 9-29-14 to 10-5-14

6.[19] Performed by:

Operator (print)	Signature	Z#	Initials	Date
William Juarez		201458	WJ	9-29-14
Jesse Chavez		1214578	JC	9-29-14
Tina Aguirre		1249774	TA	9-29-14
Tina Aguirre		1249774	TA	9-30-14
William Juarez		201458	WJ	9-30-14
Jesse Chavez		1214578	JC	9-30-14
Jesse Chavez		1214578	JC	10-1-14
Tina Aguirre		1249774	TA	10-01-14
William Juarez		201458	WJ	10-1-14
Thomas Vigil		1236582	TV	10/2/14
Joshua Lopez		1166529	JL	10-2-14
Juan Garcia		1169840	JG	10-3-14
Norman Sanchez		1878181	NS	10-3-14
Jackie Romero		1187066	JR	10-4-14
Pancho Micra		235765	PM	10-4-14
Jackie Romero		187066	JR	10-5-14
Pancho Micra		235765	PM	10-5-14

8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date

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 9-29-14 to 10-5-14

	Monday 6.[6] Start Time: 10:58	Tuesday 6.[6] Start Time: 1239	Wednesday 6.[6] Start Time: 1306	Thursday 6.[6] Start Time: 1824	Friday 6.[6] Start Time: 0945	Saturday 6.[6] Start Time: 0851	Sunday 6.[6] Start Time: 0801
TA-54-375 Cell 3							
Calibrated Infrared Thermometer (6.[7])	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.[9])	63.9 °F	63.6 °F	64.8 °F	62.5 °F	51.8 °F	51.5 °F	50.0 °F
Container ID #	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])
69519	63.3	63.1	63.8	62.0	50.9	51.6	51.1
69645	63.5	63.2	64.8	62.9	51.9	51.5	50.6
94068	63.6	63.3	64.2	62.8	51.8	51.7	50.9
93605	63.7	63.6	64.4	63.5	51.6	52.2	50.8
69548	63.6	63.7	65.4	62.2	51.8	53.2	50.6
69604	64.0	64.4	64.4	63.4	52.1	52.8	51.2
LASB50529	63.7	63.9	63.8	63.2	52.6	52.7	JR 10/5/14 ~~51.7~~ 51.6
LASB50418	63.6	62.8	64.1	63.2	52.3	51.7	JR 10/5/14 ~~52.1~~ 51.7
69036	64.1	63.5	64.7	63.0	51.2	50.8	JR 10/5/14 ~~51.0~~ 52.1
LASB50451	63.8	63.4	64.5	63.0	51.8	51.5	JR 10/5/14 ~~51.5~~ 51.0
69559	64.4	63.7	64.7	63.2	52.0	52.6	51.5
LASB50448	64.3	63.8	64.5	63.8	52.6	52.9	51.6
Ambient Temperature (6.[14])	64.2 °F	63.6 °F	65.2 °F	62.9 °F	52.9 °F	51.6 °F	50.1 °F
End Time (6.[15])	11:00	1241	1309	1829	0951	0855	0804
6.[15]	Operator: JC Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: JC Operator: [illegible]	Operator: [illegible] Operator: [illegible]	Operator: [illegible] Operator: NS	Operator: JR Operator: [illegible]	Operator: JR Operator: [illegible]

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Z# 219908
INITIAL [illegible] DATE 9-29-14

ATTACHMENT 5
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6.[6] Date: From 9-29-14 to 10-5-14

6.[2] Comments:

6.[19] Performed by:

Operator (print)	Signature	Z#	Initials	Date
William Juarez		201458	WJ	9-29-14
Jesse Chavez		214578	JC	9-29-14
Tina Aguirre		174977	TA	9-29-14
Tina Aguirre		174977	TA	9-30-14
William Juarez		201458	WJ	9-30-14
Jesse Chavez		214578	JC	9-30-14
Jesse Chavez		214578	JC	10-1-14
Tina Aguirre		174977	TA	10-01-14
William Juarez		201458	WJ	10-1-14
THOMAS VIGIL		123638	TV	10/2/14
Joshua Lopez		116528	JL	10-02-14
Juan Garcia		169840	JG	10-3-14
Norman Sanchez		187818	NS	10-3-14
Jackie Romero		187066	JR	10-4-14
Pancho Miera	RMS	235765	PM	10-4-14
Jackie Romero		187066	JR	10-5-14
Pancho Miera	RMS	235765	PM	10-5-14

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 10-03-14 to 10-03-14 Location: 375

	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (6.[7])	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.[9])	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F
Container ID # (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])
								NA						

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Z# 174977
INITIAL DA DATE 10-03-14

ATTACHMENT 6
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6.[6] Date: From 10-03-14 to 10-03-14 Location: 375

Container ID # (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])
Ambient Temperature (6.[14])	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F
End Time (6.[15])	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
6.[15]	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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ATTACHMENT 6
Page 3 of 3

6.[6] Date: From 10-03-14 to 10-03-14 Location: 375

6.[2] Comments: unable to perform hourly check per Standing order EP-AreaG-SO-1290, R.0 and per FOD. EB 1114188

6.[19] Performed by:

Operator (print)	Signature	Z#	Initials	Date
EDY. Goldsmith	EB	1114188	EC	10-3-14
	/	/	/	/
	/	/	/	/
	/	/	/	/
	/	/	/	/
	/	/	/	/
	/	/	/	/
	/	/	/	/

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 10/3/14 to 10/4/14 Location: TA-54-375

	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (6.[7])	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.[9])	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F
Container ID # (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])

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Z# 114188
INITIAL EC DATE 10·3·14

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6.[6] Date: From 10/3/14 to 10/4/14 Location: TA-54-375

Container ID # (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])

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6.[6] Date: From 10/3/14 to 10/4/13 Location: TA-54 -375

6.[2] Comments: UNABLE to preform hourly checks per standing order EP-Area-G-50-1280, R.0 and per F.O.D 163082

6.[19] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Chris Vigil		163082	cr	10/4/14

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 10-4-14 to 10-4-14 Location: 375

	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (6.[7])	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.[9])	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F
Container ID # (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])

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T# 187066
INITIAL JK DATE 10-4-14

ATTACHMENT 6
Page 2 of 3

6.[6] Date: From 10-4-14 to 10-4-14 Location: 375

Container ID # (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])
						N								
						A								
Ambient Temperature (6.[14])	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F	_____ °F
End Time (6.[15])	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
6.[15]	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 10-4-14 to 10-4-14 Location: 375

6.[2] Comments: Unable to Perform hourly checks per standing order EP-AreaG-50-1280, R.0 and Per F.O.D. 169840

6.[19] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Juan Garcia		169840		10-4-14

Operator (print)	Signature	Z#	Initials	Date

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 10-4-14 to 10-5-14 Location: 375

	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (6.[7])	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.[9])	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F
Container ID # (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])

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Z# 187066
INITIAL JR DATE 10-4-14

ATTACHMENT 6
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6.[6] Date: From 10-4-14 to 10-5-14 Location: 375

Container ID # (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])
Ambient Temperature (6.[14])	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F
End Time (6.[15])	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
6.[15]	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: _____

NA

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6.[6] Date: From 10-4-14 to 10-5-14 Location: 375

6.[2] Comments: unable to preform hourly checks per standing order EP-Area-G-50-1280, R.O and per P.O.D. Tina Aguirre 174977

N/A

6.[19] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Tina Aguirre	Tina Aguirre	174977	TA	10-5-14
	/		/	/
	/		/	/
	/		/	/
	/		/	/
	/		/	/
	/		/	/
	/		/	/

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 10-5-14 to 10-5-14 Location: 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]
Calibrated Infrared Thermometer (6.[7])	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.[9])	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F
Container ID # (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])

N/A

N/A

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6.[6] Date: From 10-5-14 to 10-5-14 Location: 375 cell 1

Container ID # (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])
Ambient Temperature (6.[14])	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F
End Time (6.[15])	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
6.[15]	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: _____

N/A

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6.[6] Date: From 10-5-14 to 10-5-14 Location: 375 cell 1

6.[2] Comments: Unable to perform hourly checks per standing order EP-AreaG-SO-1280.R.0 and Per P.O.D. 169840

6.[19] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Joan Garcia		169840		10-5-14

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 10·5·14 to 10·6·14 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]
Calibrated Infrared Thermometer (6.[7])	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.[9])	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F
Container ID # (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])

N/A

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Z# 114188
INITIAL EC DATE 10-5-14

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6.[6] Date: From 10-5-14 to 10-6-14 Location: Dome 375 Cell 1

Container ID # (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])
Ambient Temperature (6.[14])	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F	_____°F
End Time (6.[15])	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
6.[15]	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: _____

N A

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6.[6] Date: From 10·5·14 to 10·6·14 Location: Dome 375 cell 1

6.[2] Comments: Unable to perform hourly Temperature checks per Standing order EP-Area GSO 1280 R.0 and per FOD EC. 114188

NO Further Comments

6.[19] Performed by:

Operator (print)	Signature	Z#	Initials	Date
Elroy D. Gilbert	EDG	1114188	EC	10·6·14

Operator (print)	Signature	Z#	Initials	Date

NA

8.1[2] Reviewed by:

SOM or designee (print)	Signature	Z#	Initials	Date
Pat O'Grady	Pat O'Grady	1151388	JPO	10-6-14