From: Haagenstad, Mark P Sent: Monday, September 29, 2014 5:28 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
Cc: Pete Maggiore; Silas DeRoma; Cummings, Lisa K; Nickless, David J; Bishop, M. Lee; Turner, Gene E; Armijo, Karen (CONTR); Wallace, Terry C; Mousseau, Jeffrey David; Cox, Daniel Ray; Torres, Enrique; Woitte, Deborah Kay; Johns-Hughes, Kathryn W; Clemmons, Steve; Allen, Don; George, Victoria A; 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
Subject: Daily Technical Submission - September 29, 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

September 29, 2014

LANL Technical Update:

- Location of Nitrate Salt-Bearing Wastes
 - o 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.

• Monitoring – headspace gas (HSG)

- o Containers (SWBs) 68685 and SB50522.
 - Continue daily head space gas (HSG) sample collection.
 - September 27-29, 2014 HSG data attached
 - $\circ \quad H_2, CO, CO_2 \text{ and } N_2O$
- o Other containers
 - Will initiate monthly minimum of once per month HSG sampling in October.
 - To date in September, LANL has conducted HSG sampling on 47 SWBs. HSG sampling was conducted on a total of 16 additional SWBs on Saturday and Sunday. Sampling was conducted on 8 additional SWBs today.
 - Note: LANL previously conducted HSG sampling on each of the 55 SWBs that contain 55-gallon drums of remediated nitrate saltbearing 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.
 - Continue hourly temperature measurements.

- Previous 3 days' hourly temperature data attached. Temperatures remain below 90°F.
- 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, repackaging).
 - Currently, no further movements or re-packaging are planned.
- Other:
 - o No new items.

	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

Summary Chart - Requested Information / Pending Issues:

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 (Fourth 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)
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		Information will be included in LANL response to NMED's August 26, 2014 letter.
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)
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

	Requested Information	Actionee	Status	Completion Date
25.	NMED requested an additional discussion on a future technical call regarding CO ₂ , including data.	LANL		Complete August 14, 2014 (Meeting held)
26.	NMED requested additional discussion on CIN-01 waste containers and absorbent, including confirmation and extent of use.	LANL		Complete July 18, 2014 (Meeting held)
27.	NMED requested historic analytical information on pH of liquids associated with gypsum cemented waste.	LANL		Complete August 7, 2014
28.	NMED requested link to pdf of Actinide Quarterly edition (3 rd Q 2008).	LANL		Complete July 21, 2014
29.	NMED requested a copy of lessons learned	LANL		Complete August 11, 2014
30.	NMED request regarding empty drum sampling presentation.	LANL	Presentation is a pre- decisional draft/working document not for external release	August 25, 2014
31.	Respond to NMED email request dated 8/12/2014 for information associated with the nitrate salt-bearing waste containers.	LANL		Complete September 11, 2014
32.	NMED request regarding technical presentation.	LANL	Presentation is a pre- decisional draft/working document not for external release	August 25, 2014
33.	NMED request regarding literature review of catalytic reactions.	LANL	Literature review is a pre-decisional draft/working document not for external release	August 25, 2014
34.	LANL requested to schedule a meeting with NMED on remediation planning and schedules.	LANL / NMED	In progress	
35.	Schedule a third update on LANL efforts – including teams.	LANL / NMED	In progress	
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	

Next Call: Tuesday, September 30, 2014

		686	685			69	553			69	615			690	516			SB50	0069	
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N₂O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N₂O ppm
09/27/14	120	1101	21935	6810																
09/28/14	134	1154	22047	6932																
09/29/14	130	1096	23585	7428	143	696	21353	3154	101	340	8926	469	259	1259	34348	7739	466	1140	28598	4716

		SB50	0452			SB50)522			68540	/68553			690	013			690	036	
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
09/27/14					6503	363	50525	899	27	45	1733	151								
09/28/14					6966	465	53666	961					23	0	1423	156	65	0	860	163
09/29/14	583	1024	26124	5163	7273	460	62100	1073												

		692	298			694	117			694	445			69	519			695	520	
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N₂O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
09/27/14	514	462	7681	836	7	0	93	0	211	278	5119	277								
09/28/14													180	169	3248	1474	80	126	1148	380
09/29/14																				

		696	518			690	620			69	636			69	641			SB02	2203	
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N₂O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
09/27/14									114	125	5473	272	435	636	4462	1145	118	77	1978	69
09/28/14 09/29/14	103	121	1106	225	172	216	2466	559												

		SB50	0418	_		SB5	0431			SB5	0451	
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
09/27/14					200	206	5086	702				
09/28/14	262	330	6600	1949					117	143	2109	156
09/29/14												



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 <u>9.22.14</u> to <u>9.28.14</u>

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]
	Start Time: <u>0833</u>	Start Time: <u>1025</u>	Start Time: <u>0941</u>	Start Time: 0920	Start Time: 0735	Start Time: 0804	Start Time: 0952
TA-54-231							
Calibrated Infrared Thermometer	Brand: Fluke Model: 561	Brand: <u>Fluicl</u> Model: <u>561</u>	Brand: <u>Fluit</u> Model: <u>5(0)</u> Cal. Due Date: 7-29-1 5	Brand: <u>Auce</u> Model: <u>Sa</u>	Brand: <u>F/u/C~</u> Model: <u>56/</u>	Brand: Fluke Model: 561	Brand: Fluke Model: 561
(6.[7])	Cal. Due Date: 7-29-15 File Number 101974	Cal. Due Date: 7-29-15 File Number 101974	Cal. Due Date: 7-29-15 File Number 10 1974	Cal. Due Date: <u>1/24/5</u> File Number /0/9714	Cal. Due Date: 7/25/15 File Number 10/974	Cal. Due Date: <u>7-29-1</u> 5 File Number <u>101974</u>	Cal. Due Date: 7-29-15 File Number /0/974
Ambient Temperature (6.[9])	65.3 °F	<u>107.2</u> °F	<u>65.9</u> °F	106.0 °F	<u>59.8</u> °F	60.8 °F	62.2 °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	65.7	107.0	64.9	65.5	59.4	61.1	61.9
S802833	66.1	107.1	64.6	105,6	60.0	61.5	62.0
S801676	65.6	610.5	Le4.4	105.4	59.6	61.3	61.9
S816810	64.8	100.7	643	65.3	58.6	60.4	61.8
70069	64.8	665	(14.0	65.2	58.4	60.4	61.3
S822844	65.0	67.0	104.4	65.5	58.4	60.4	61.6
S825879	64.7	67.2	(04.9	125.10	54.3	(00.2	61.5
S793724	64.8	60.9	104.5	65.5	54.5	60.3	61.7
S813545	64.7	lele, 1	64.1	105.1	58.8	60.7	61.4
S822713	65.5	107.2	103.1	105.8	59.4	61.2	62.0
S802739	65.6	66.8	64.8	105.7	59.5	61.2	61.9
69907	65.6	66.7	104.4	105.6	59.6	61.3	61.9
S804995	65.6	67.0	65.0	105.5	59.7	61.2	62.1
S816434	66.0	67.2	64.8	(25.9	60.2	61.7	62.4

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6.[6] Date: From <u>9.22.14</u> to <u>9.28.14</u>

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
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])
TA-54-231 (continued	d)						
S805289	65.7	107.3	64.8	105.7	60.0	61.9	62.1
S862888	65.9	1010.9	104.9	65.6	60.2	61.7	62.4
70072	65.7	107.Z	1045	65.5	60.0	61.6	62.2
S823184	65.9	(07.)	Aurily 5 8 (15.3	106.1	59.5	61.4	62.3
S822599	65.7	(07.3	105.2	45.8	59.8	61.4	62.1
69904	65.2	66.7	64.4	65.3	59.0	60.7	61.6
S805051	65.0	1010.8	64.3	105.1	59.0	60.6	61.5
S864213	65.2	67.6	104.4	65.2	59.1	60.7	61.6
S853714	65.0	67.2	(5.0	105.5	58-6	60.4	61.8
S803078	64.9	68.0	65.5	660	58.6	60.3	61.6
S825878	65.2	107.5	65.2	65.7	59.9	60.7	61.8
S823124	65.2	(07.8	45.3	65.8	59.3	60.8	62.0
S804948	66.0	67.4	65.1	65.9	60.3	61.7	62.1
S813385	66.0	67.7	(05.2	66.0	60.2	61.8	62.4
S842446	66.5	67.7	Les.5	66.2	61.2	62.4	62.8
Ambient Temperature [6.[14])	<u>66.5</u> °F	67.6°F	65.7°F	6.6.6°F	<u>59.5</u> °F	61.3 °F	61.4 °F
End Time (6.[15])	0841	1033	0957.	0927.	0742	0809	1006
6.[15]	Operator: <u>JR</u> Operator: <u>EC</u>	Operator: Operator:	Operator:	Operator: Operator:	Operator: $5c$	Operator: JR Operator: 90	Operator: <u>JR</u> Operator: <u>TR</u>

Nitrate Salt-Bearing TRU Waste Container Monitorin	Ig	Document No.: Revision: Effective Date: Page:	EWMO-AREAG-FO
ATTACHMI Page 3 of			
6.[6] Date: From $9.22.14$ to $9.28.14$			
6.[2] Comments:			
			2
6.[19] Performed by: Dackie Romeno / Jackie Romeno / 187066/ TR /9-22-14 Operator (print) Signature Z# Initials Date Elers. Code-4 /500 /////////////////////////////////	Operator (print) Leca montes Operator (print) Elsy D. Cordes Operator (print) Sackie Roma Operator (print) Eloy D. Cordes Operator (print) Sackie Roma Operator (print) Dackie Roma Operator (print) Dackie Roma Operator (print) Dackie Roma Operator (print) Dackie Roma Operator (print) Dackie Roma Operator (print) Dackie Roma Operator (print)	Signature 4 / SOD & Signature 200 / Jackie Signature / Signature 5 / Jackie Signature 5 / Jackie Signature	Z# Initials Date <u>Romew 1/87866 TR 19-27</u> -14 Z# Initials Date <u>1/14188 \$< 19.2</u> 7-14 Z# Initials Date <u>Romew 1/87066 TR 19-28-14</u> Z# Initials Date <u>Romew 1/87066 TR 19-28-14</u> Z# Initials Date <u>1/24257 TR 19-28-16</u>
Operator (print) Signature Z# Initials Date 8.1[2] Reviewed by: ////////////////////////////////////		Signature	Z# Initials Date



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

6.[6] Date: From $\underline{9.22.14}$ to $\underline{9.28.14}$

		1			1		
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]
	Start Time: 0736	Start Time: 0924	Start Time: 1236	Start Time: 1140	Start Time: 0704	Start Time: 0709	Start Time: <u>0714</u>
TA-54-375 Cell 1							
Calibrated Infrared Thermometer	Brand: Fluke Model: 56	Brand: Fluce Model: 561	Brand: Fluke Model: 561	Brand: Fluce Model: 561	Brand: Fl.Ke Model: 561	Brand: Fluke Model: 561	Brand: Fluke Model: 561
(6.[7])	Cal. Due Date: <u>61715</u> File Number <u>101915</u>	Cal. Due Date: 61215 File Number 101915	Cal. Due Date: 612-15 File Number 101915	Cal. Due Date: 6-12-15 File Number 101915	Cal. Due Date: <u>6 12 15</u> File Number 10 1915	Cal. Due Date: $6/2/5$ File Number $10/9/5$	Cal. Due Date: 6-12-15 File Number 101916
Ambient Temperature (6.[9])	62.6 °F	63.5°F	<u><u>)</u>6,8°F</u>	69.6°F	<u>58.9</u> °F	<u>59.8</u> °F	<u>58.3</u> °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	61.7	62.6	26.8	69.9	58.9	59.7	57.8
68540	61.8	624	71.0	69.0	58.7	59.8	58.2
68553	62.2	62.5	7.5.7	68.6	58.7	59.9	57.9
69445	62.2	62.7	11.1	69.4	58,7	59.7	57.9
69618	62.0	621	76.7	68.6	59.1	59.9	58.3
69013	61.8	62.9	20.9	68.3	59.1	60.6	58.6
LASB50522	61.8	63.3	69.6	68.9	59.4	60.3	59.3
LASB50452	61.9	63.1	69.9	68.2	59.1	59.8	58.6
LASB50431	61.3	62.7	69.9	67.8	59.2	60.4	59.0
LASB50069	62.0	63.\	70.4	68.5	59.4	60.0	59.4
LASB50073	62.4	63.0	20.5	68.5	59.8	60.3	59.6
69636	61.4	62.6	10.5	68.2	59.2	59.7	59.0
69616	61.2	62.7	69.5	62.5	59.2	27,60-61.2	59.0
69417	61.8	62.6	10.1	68.9	59.1	59.9.	59.4

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6.[6] Date: From <u>9.22.14</u> to <u>9.28.14</u>

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
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])
TA-54-375 Cell 1 (con	ntinued)						
69620	61.9	63.0	70.6	68.5	59.3	60.1	59.0
69520	62.6	62.7	69.7	68.6	59.5	60.1	59.1
69641	62.0	63.6	70.3	68.7	59.5	60.4	59.8
69298	61.8	629	69.5	68.4	60.6	60.2	596
LASB02203	61.5	62-9	69.7	67.7	59.3	59.9	58.8
Ambient Temperature (6.[14])	62.6 °F	64.3 °F	71.3°F	69. 68F	58.7 °F	60.3 °F	<u>58.5</u> °F
End Time (6.[15])	0740	6930	1242	1147	0707	0715	_0719
6.[15]	Operator: <u>Ec</u> Operator: <u>TR</u>	Operator: SA Operator: SC	Operator:	Operator: W	Operator: SC Operator:	Operator: <u>5</u> Operator: <u>TR</u>	Operator: JR Operator: R

6.[2] Comments:

UET	Nitrate Salt-Bearing TRU Waste Containe	er Monitoring	Document No.: Revision: Effective Date: Page:	EWMO-AREAG-FO P-1246 4 9-11-2014 29 of 37
	4	ATTACHMENT 3 Page 3 of 3		
6.[6] Date: From <u>9.2</u>	2.14 to 9.28.14		,	
6.[19] Performed by: <u>Eley S Colder A</u> Operator (print) <u>Jackie Rowern</u> Operator (print) <u>Jesse Chever</u> Operator (print) <u>Una Painer</u> Operator (print) <u>Una Painer</u> Operator (print) <u>Una Painer</u> Operator (print) <u>Sesse Chaver</u> Operator (print)	Quikin komm /187066/14/14/14 Signature Z# Signature Z# Signature Z# Initials Initials Land Initials Signature Z# Initials Initials Signature Z# Initials Initials Signature Z# Initials Initials Nuemond Initials Nuemond Initials Signature Z# Initials Initials Muemond Initials Muemond Initials Muemond Z# Initials Initials Muemond Z# Initials Initials	Date $Operator (print)$ 7-22-14 $Operator (print)23-14$ $Operator (print)23-14$ $Operator (print)7-33-14$ $E loss Chuck Operator (print)7-23-14$ $Operator (print)1-24-14$ $Operator (print)$	Signature Signature Signature / Signature / Signature / Signature / Signature / Signature / Signature	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
8.1[2] Reviewed by:	//////////////////////////////////////	Jimmy Komer	0 1-4-0	234253 TR 1-2011



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 <u>9.22.19</u> to <u>9.28.19</u>

					()) () () ()) () ()) () () ()		
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]
	Start Time: 0859	Start Time: 0959	Start Time: 1247	Start Time: 1227	Start Time: 0823	Start Time: 0844	Start Time: 0900
TA-54-375 Cell 2							Section and the section of the
Calibrated Infrared	Brand: Fluke	Brand: Pluke	Brand: Fluke	Brand: Pluke	Brand: F/4/Ce	Brand: Fluke	Brand: Fluke
Thermometer	Model: <u>561</u>	Model: 561	Model: 561	Model: 561	Model: 56/	Model: 561	Model: 561
(6.[7])	Cal. Due Date: 6-12-15	Cal. Due Date: 612-15	Cal. Due Date: 6-12-15	Cal. Due Date: (-12-15	Cal. Due Date: 6 18 15	Cal. Due Date: 6-12-15	Cal. Due Date: 6-12-15
Ambinet	File Number 101912	File Number 101915	File Number loig.	File Number 10 (9 (2	File Number 161912	File Number [01912_	File Number 101912
Ambient Temperature (6.[9])	<u>68</u> °F	62.5 °F	67.6°F	65.8°F	59.3 °F	61.4 °F	60.5 °F
Container ID #	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])				
LASB02198	61.1	62.4	66.8	65.3	59.6	61.2	60.1
68638	61.1	63.0	67.3	67.0	59.7	61.1	59.7
69615	61.4	62.6	68.4	67.8	59.4	61.2	59.8
69635	102.3	62.8	69.3	(58,2	60.0	61.6	60.3
69642	61.7	62.7	68.4	68.0	59.3	61.2	59.8
69630	61.7	62.6	68.3	67.6	59.8	61.2	60.0
69633	62.0	63.0	69.5	67.4	60.0	61.7	60.3
68430	101.7	62.8	62.5	66.8	57.5	61.1	59.9
68631	61.3	62.2	68.0	66.2	59.4		59.4
69634	61.0	61.8	69.9	64.9	59.5	61.2	59.9
68567	61.1	62.5	66-8	65.3	60.0	61.9	59.7
94227	61.6	62.4	62.0	65.8	59.4	61.1	
LASB50442	62.0	63.1	67.7	61.3	59.9	61.5	59.6 59.9
69644	62.1	62.7	69.0	66.2	59.8	61.9	
LASB50443	62.0	63.7	68.3	68.3	59.9	61.5	60.0
69638	62.1	63.6	68.2	67.0	59.7	61.4	60.1

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ATTACHMENT 4 Page 2 of 3

6.[6] Date: From <u>9.22.14</u> to <u>9.28.14</u>

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Container ID #	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])				
TA-54-375 Cell 2 (con	itinued)						((),())
68624	61.9	62.6	62.8	62,1	59.5	61.2	59.8
68507	62.2	62.8	68.2	67.2	59.7	61.4	59.9
69568	61.4	62.5	62.9	66.7	59.4	61.1	40.1
69553	61.7	62.4	62.5	66.1	59.4	61.1	59.7
69598	61.2	4-3-3-162.6	67.1	65.6	59.5	61.4	59.9
LASB50559	61.9	023 th 2.9 62.		65.7	59.3	61.2	59.7
69015	62.2	63.1	67.8	66.9	59.7	(01.9	59.9
69639	62.5	62.9	69.0	669	60.0	61.8	60.1
69637	62.2	62.7	68.8	62.7	59.7	61.4	(00.0
mbient Temperature [14])	61.9 °F	63,0°F	67,2°F	65.7F	<u>59.9</u> °F	61.8 °F	<u>60.0</u> °F
nd Time (6.[15])	0906	1008	1252	1232	0930	0852	0913
6.[15]	Operator: TR Operator: EC	Operator: 5C	Operator:	Operator:	Operator: <u></u> Operator: <u></u> SC	Operator: TR Operator: EC	Operator: JR Operator: TR

6.[2] Comments:

	Nitrate Salt-Bearing TRU Waste Container Monitoring	Document No.: Revision:	EWMO-AREAG-FOP-1246 4
UET		Effective Date: Page:	9-11-2014 32 of 37
	ATTACHMENT 4 Page 3 of 3		
6.[6] Date: From <u>9</u> .	·22.14 to 9.28.14		
6.[19] Performed by: <u>Jackie Rome</u> Operator (print) <u>Eluy D. Coldu</u> Operator (print)	Signature Z# Initials Date Operator (print)	Lara Mullh	$\frac{2}{2} \frac{112}{2} \frac{112}{2} \frac{112}{10} \frac{11}{10} \frac{11}$

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Operator (print) Signature Z# Jesse Channe \prec P14378,3< 192414 //Signature Operator (print) Z# 8.1[2] Reviewed by:

Signature

Rina)

Signature

Signature

und

Signature D

Lina Againre

Jesse Chavez

Operator (print)

Operator (print)

Operator (print)

Inca Aguirra

WILLIAM JUGANZ

SOM or designee (print)

<u>/2/4579/3C/9-25</u>-14 Z# Initials Date Jesse Chaver Operator (print) Signature 1191526 1 19/26/14 Operator (print) -Signature Initials Date Z# Eloyd. Colden <u>///4/88/50 / 8.26</u>/9 Z# Initials Date Operator (print) Signature Jackie Romero / Jackie Romero /187066/ JE 19-27-14 Operator (print) Signature Z# Initials Date <u>E104 J. C. 1 du J 4 E. J. C. 1/10/188 EC 1 7.27</u>. Je Operator (print) Signature Z# Initials Date Jackie Romero Jackie Romero 187066 JR 9-28-14 Timmy Romero TPR 234253 TR 9-28-14



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 <u>9.22.14</u> to <u>9.28.14</u>

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]
	Start Time: <u>073/</u>	Start Time: 5932	Start Time: 1254	Start Time: 1149	Start Time: 0700	Start Time: 0704	Start Time: 072/
TA-54-375 Cell 3							Start Time. D. V
Calibrated Infrared	Brand: Fluke	Brand: Fluke	Brand: Flyke	Brand: Fluke	Brand: Filke	Brand: Fluke	Brand: Fluke
Thermometer	Model: 56/	Model: 56	Model: 561	Model: 561	Model: 561	Model: 56	Model: 561
(6.[7])	Cal. Due Date: 6/2/5	Cal. Due Date: 61215	Cal. Due Date: 6-12-15	Cal. Due Date: 6 2-15	Cal. Due Date: 6'12-15	Cal. Due Date: 6.12.15	Cal. Due Date 6-12-15
	File Number <u>101916</u>	File Number 101916	File Number 101916	File Number 10/916	File Number 101 916	File Number/0/916	File Number 101916
Ambient Temperature (6.[9])	<u>63.1</u> °F	63.9°F	69.2 °F	68.4°F	58.8 °F	59.2 °F	<u>59.2</u> °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	62.9	62.5	65.2	66.6	59.5	60.1	58.5
69645	62.8	63.2	69.9	62.2	59.7	60.5	59.0
94068	63.0	63.2	69.2	61.6	59.8	60.5	
93605	63.6	62.9	69.9	61.9	59.8	60.5	59.2
69548	63.2	63.1	69.6	68.2	59.9		58.9
69604	63.0	62.9	69.6	67-8	59.9	60.4	58.9
LASB50529	63.2	63.5			60.1	60.6	59.4
LASB50418	63.4	63.4	20.1	68.5	59.7	61.4	59.2
69036	63.0		10.2	67.9		60.4	59.2
LASB50451	63.2	63.2	69.6	68.3	58.9	59.7	58.1
69559	63.4	63.2	69.5	68.0	59.5	60.3	58.7
099599 LASB50448	63.7	63.2	6916	68.6	59.9	60.5	59.3
		63.9 64.2°F	20.1	68.7	60.1	60.8	59.4
Ambient Temperature (6.[14])	<u>63.3</u> °F		69.8°F	<u>68.0</u> F	<u>59.3</u> °F	59.8 °F	59.2 °F
End Time (6.[15])	0734	0931	12.57	1152	0702	0707	0725
6.[15]		Operator: A	Operator: A	Operator: A	Operator: 24	Operator: EC	Operator: JR
	Operator: <u>JR</u>	Operator: <u>Sc</u>	Operator: 45	Operator: mJ	Operator:	Operator: <u>JR</u>	Operator: TR
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JET	Nitrate Salt-Bearing	FRU Waste Container Monitorin	g	Document No.: Revision: Effective Date: Page:	EWMO-AREAG-FOP-1246 4 9-11-2014 34 of 37
		ATTACHMI Page 2 of			
[6] Date: From <u>9.</u>	22.14 to 9.28.14	-			
.[2] Comments:					
[19] Performed by: <u>Elors Cides A</u> Operator (print) <u>Jackie Romero</u> Operator (print) <u>Jackie Romero</u> Operator (print) <u>Operator (print)</u> <u>Operator (print)</u>	Signature	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Operator (print) <u>Sesse Chauce</u> Operator (print) <u>Sesse Chauce</u> Operator (print) <u>Scor</u>), <u>Colder</u> Operator (print) <u>Elor</u>) <u>Colder</u> Operator (print) <u>Slor</u>) <u>Colder</u> Operator (print) <u>Sachie Rome</u>	Signature	Z# Initials Date 7614587/w 1925- Z# Initials Date 714587/w 1923 Z# Initials Date 114587/56 19-25 Z# Initials Date 114188756 19-26 Z# Initials Date 114188756 19-27 Z# Initials Date 1141887566 JR 9-28- 234253 TR 9-28-
[2] Reviewed by:		/ / /	Timmy Rome	o Tingle	234253 TR 9-2

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UEI	Effective Date: Page:	9-11-2014 35 of 37

ATTACHMENT 6 Page 1 of 3

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

6.[6] Date: From <u>7.26.19</u> to <u>7.26.19</u> Location: <u>Dime 375</u> Coll <u>1</u>

Calibrated Infrared Thermometer (6.[7]) Ambient Temperature (6.[9]) Container ID # (6.[10]/6.[11]) (6.[6.8685	6.[6] 9652 Hd: <u>6</u> B Hd: <u>6</u> Hd: <u>6</u> B Hd: <u>6</u> B Hd: <u>6</u> B Hd: <u>6</u> B Hd: <u>6</u> B Hd: <u>7</u> B Hd: <u>7</u> Hd: 7 Hd: <u>7</u> Hd: <u>7</u> Hd: 7 Hd:	Install Install <t< th=""><th>9.5</th><th>62.5 °F Temp (°F) (6.[10]/6.[11])</th><th>Temp (°F) (6.[10]/6.[11])</th><th>Start Time: 6.[6] 1129 Brent: <i>ILE</i> Module: <i>SGI</i> <i>Cal. Due. Date:</i> <i>G. TZ-TS</i> File Number <i>LO (91/S</i> <i>G. T. of</i> <i>Temp (°F)</i> (6.[10]/6.[11]) <i>G. T. 3</i> <i>G. Z.</i></th><th>Start Time: 6.[6] [227] Brat: G. Brat: G. Duc Date: G. Du</th><th>Start Time: 1327 1377 1327</th><th></th><th>Start Time: 6.[6] 529 Brfd://ee MS61 Cal: Due Date fd://ee File Number 72.4 oF Temp (°F) (6.[10]/6.[11]) 73.4 7/.5</th><th><u>71.7</u> °F Temp (°F) (6.[10]/6.[11]) 72.6</th><th>Start Time: 6.[6] 173 (Brmf: Le MoSCI (al. Dec Dats File Number 10 1995 71. 3 °F Temp (°F) (6.[10]/6.[11]) 71. 9 70. 2</th><th>Start Time: 6.[6] Bland: Model: Cal. Dhe Date: File Number °F Temp (°F) (6.[10]/6.[11])</th><th>Start Time: 6.[6] Brand: Model: Cal. Due Date: File Number °F Temp (°F) (6.[10]/6.[11])</th></t<>	9.5	62.5 °F Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Start Time: 6.[6] 1129 Brent: <i>ILE</i> Module: <i>SGI</i> <i>Cal. Due. Date:</i> <i>G. TZ-TS</i> File Number <i>LO (91/S</i> <i>G. T. of</i> <i>Temp (°F)</i> (6.[10]/6.[11]) <i>G. T. 3</i> <i>G. Z.</i>	Start Time: 6.[6] [227] Brat: G. Brat: G. Duc Date: G. Du	Start Time: 1327 1377 1327		Start Time: 6.[6] 529 Brfd://ee MS61 Cal: Due Date fd://ee File Number 72.4 oF Temp (°F) (6.[10]/6.[11]) 73.4 7/.5	<u>71.7</u> °F Temp (°F) (6.[10]/6.[11]) 72.6	Start Time: 6.[6] 173 (Brmf: Le MoSCI (al. Dec Dats File Number 10 1995 71. 3 °F Temp (°F) (6.[10]/6.[11]) 71. 9 70. 2	Start Time: 6.[6] Bland: Model: Cal. Dhe Date: File Number °F Temp (°F) (6.[10]/6.[11])	Start Time: 6.[6] Brand: Model: Cal. Due Date: File Number °F Temp (°F) (6.[10]/6.[11])
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UET				Nitrate Salt-)	Bearing TRU	Waste Conta	iner Monitor	ing			ICCV1SH	ve Date: 9-1		-FO-DOP-
and the second se		- 26-14 to	9.26.14	Location:	Done 37	15 cc/11	ATTACHM Page 2 o	IENT 6 f 3						
Container 1D (6.[10]/6.[11		F) Temp (°1 11]) (6.[10]/6.[F) Temp (°I [1]) (6.[10]/6.[1		F) Temp (°I 1]) (6.[10]/6.[1	⁷) Temp (°]} (6.[10]/6.[F) Temp (° 11]) (6.[10]/6.[F) Temp ([1]) (6.[10]/6.	(°F) Temp (° [11]) (6.[10]/6.[PF) Temp (° [11]) (6.[10]/6.[F) Temp (°F [1]) (6.[10]/6.[1		Temp (°F)]) (6.[10]/6.[11	Temp]) (6.[10]/
				· · · ·										
mbient Emperature .[14]) id Time	59.5 ·F		60.6.F					71.3 of	71.9 °F	72.1 °F	71.5 °F	71.4 °F	۰F	10
[15]) 6.[15]	Operator:	Operator: Operator: Operator:	OS32 Operator: Operator:	OP3	0032 002031: 002031: 0020101:	1130 Op 93 r: Operator:	0perator:	1328 Organor: Operator:	0ppgr: Operator: NS	15.30 OPERATION Operator:		Operator:	Operator: Operator:	Operator: Operator:

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UET		Nitrat	e Salt-Bearing TRU W	aste Container Monitor	ring		Document No.: Revision: Effective Date: Page:	EWMO-AREAG-FO-DOP-124 9-11-2014 37 of 37
				ATTACH	MENT 6			
.[6] Date: From 9	. 26.14 to 9.26.1			Da	of 3			
	10 1.257	<u> </u>	ocation: Vone 375	Cull 2				
.[2] Comments:								
						······································		
			÷					
[19] Performed by:	ρ	1						
Operator (pring -/	2 Marmadanc	1/1818	18 NS 19/26/14		/	//	/	
arry Brito	Lord	164	BAS 9-26-1	Operator (print)	Signature /	Z# Initials	Date	
Operator (print) Elazo, Conder	4/ Style=	7,11	Initials Date	Operator (print)	Signature	/ / Z# Initials	/ Date	
Operator (print)	Signature	1/19/8	<u>8/ 5 C 19. 26.14</u> Initials Date	Operator (print)		/ //	/	
	1	/	/ Date	operator (prati)	Signature	Z# Initials	Date	
Operator (print)	Signature	Z#	Initials Date	Operator (print)	Signature	Z# Initials	Date	
perator (print)	Signature		/ / Initials Date	Operator (print)	/ Signature	/ / /// Inisiste	/	
	/	1			/	Z# Initials	Date /	
perator (print)	Signature	Z#	Initials Date	Operator (print)	Signature	Z# Inivials	Date	
perator (print)	Signature	/ Z#	Initials Date	Operator (print)	/ Signature	/ / /		
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2] Reviewed by:								
OM or designee (print)	Signature	/	1 1					
in or neighbor (hum)	orgnamite	Z#	Initials Date					

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UET	Nitrate Salt-Bearing TRU Waste Container Monitoring											: 4	MO-AREAG-F -2014 f 37	50-DOP-1246
						<u>A</u>	TTACHMEN Page 1 of 3	<u>√T 6</u>						
6.[6] Date:	From 9/24	14 to 9		AREA G NIT	TRATE SALT		E CONTAIN	ER HOURL	Y TEMPERA	TURE DATA	SHEET			
	Start Time: 6.[6] /830	Start Time: 6.[6] 193	Start Time: 6.[6] 2028	Start Time: 6.[6] 2130	Start Time: 6.[6] 21.33	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]	500.1 Time: 6.[6]	Strin Time: .[6]
Calibrated Infrared Thermometer (6.[7])	Frand: Model: Cal. Due Date: G-12-15 File Number	Brand: Model: Cak, Due Date: Cak, Due Date: File Number	Brind: FILLKE Madel: Cal. Due Date: G (Z-35 File Number DIGIS	File Number	Rrand: FLCLKE Model: Cal. Due Date: G-12-05 File Number	Brand: Madel: SG (Cal. Due Date: G. C2 - JS File Number	Brand: Model: Sel. Due Date: Gal. Due Date: File Number IGISIS	Brand: FILIKE Model: SCo.1 Cal. Due Date: Cal. Due Date: File Number	Brand: FIGKE Model: Sol Cal. Due Date: Cal. Due Date: File Number IOPAIS	Bradi Likf Model: SG Cal. Due Date: G-12-15 File Number IOIGIS	Brand: FIUKE Model:	Hrand: Hrand: Hotel: Gal, Due Date: G-12-S File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number
Ambient Temperature (6.[9]) Container ID #	10.8 °F Temp (°F)	48.5 °F Temp (°F)	67.5 °F Temp (°F)	66, 2 °F	660.0 °F	65.] •F	64.0 •F	62.8 °F	61.8 F	61.3F	61.0FF	61.7 ·F	-N _F	•F
(6.[10]/6.[11]) 68685 50522	(6.[10]/6.[11]) 70.6 70.0	(6.[10]/6.[11]) 68.5 67.9	(6.[10]/6.[11]) 67.0 66.5	(6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11]) 65.9 65.3	Temp (°F) (6.[10]/6.[11]) 64.8 64.5	Temp (°F) (6.[10]/6.[11]) 63.9 63.5	Temp (°F) (6.[10]/6.[11]) 62.0 62.1	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11]) 59.9 60.0	60.4	Temp (°F) (6.[10]/6.[11]) 60:3	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[N])
									<u>^</u>					
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UET			Ni	trate Salt-Bea	ring TRU W	aste Containo	er Monitoring				Document Revision: Effective I Page:	ENO.: EWM 4 Date: 9-11-2 36 of 3	014	O-DO P- 1246
6.[6] Date:	From 92			1	TA-54 -		ATTACHMEN Page 2 of 3	<u>IT 6</u>						
(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	\searrow				
Ambient														
Temperature (6.[14])	11.0 °F	68.3 · F	619 ·F	66.Z.F	65.8 °F	65.5°F	63.7°F	67.8 °F	61.8 °F	60.0°F	415 °F	61.3 ·F	٥Ŀ	•F
End Time (6.[15]) 6.[15]	(183)	1932 Operators	2029	2131			Τ Τ		235 0	331 0		533		
0.[10]	Operator: Operator:	Operator:	Operator:	Operator: Operator:	Operator: Operator:	Operator: Operator:	Operator: Operator:	Operator:	Operator:	Operator: Operator:	Operator: Operator:		Operator:	Overator:
	<u> </u>	Der C	<u>GC</u>	Ut	Operator:	Operator:	(¥E		Operator:	GC	Ĩ	GE	Operator:	Operator:

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Nitrate Salt-Bearing TRU Waste Container Monitoring Document No.: EWMO-AREAG-FO-DOP-1246 Revision: UET 4 Effective Date: 9-11-2014 Page: 37 of 37 ATTACHMENT 6 Page 3 of 3 6.[6] Date: From 92414 to 92714 Location: TA-S4-315 TOPPOVA 6.[2] Comments: -O. & TURNED OVER NDO I 6.[19] Performed by: 163082CN gnatur Initials Date Operator (print) Signature eraly 11 Initials Date 20976 14 9 crator (print) Signature 2.11 Operator (print) Initials Date Signature 2.11 Initials Date Operator (print) Signature Z_{H} Operator (print) Initials Date Signalo 2.11 Initials Date Operator (print) 4 Signature 2.11 Operator (print) Initials Date Signature Initials Date Operator (print) Signature Initials Date Operator (print) Signature 20 Initials Date Operator (print) Signature ZII Operator (print) Initials Par Signature Initiat Date Operator (print) Signature 2.11 Operator (print) Initials Date Signature Z# Initials Date 8.1[2] Reviewed by: SOM or designee (prmt) Signature $Z \theta$ Initials Date

Nitrate Salt-Bearing TRU Waste Container Monitoring	Document No.: EWMO-AREAG-FO-DOP-1246 Revision: 4 Effective Date: 9-11-2014 Page: 35 of 37
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ATTACHMENT 6 Page 1 of 3

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

6.[6] Date: From <u>9.27.14</u> to <u>9.27.14</u> Location: <u>Deme 375 Call 1</u>

	Start Time: 6.[6] 0636	Start Time: 6.[6] 073 /	Start Time: 6.[6] 0824	Start Time: 6.[6] 0926	Start Time: 6.[6] 1027	Start Time: 6.[6] 1/27	Start Time: 6.[6] 1227	Start Time: 6.[6] / 3 2 7	Start Time: 6.[6] 1427	Start Time: 6.[6] 1527	Start Time: 6.[6] 1627	Start Time: 6.[6] 1726	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (6.[7])	Brand: FINK Model: GEI Cal. Due Date: GIZIS File Number I0I915	Brand; F/w kc. Model; SC Cal. Due Date: G 12 15 File Number G 1915	Brand: $F/L W_{L}$ Model: Cal. Due Date: G/2/5 File Number LO / 915	Brand: C_1/be Model: C_2/be Cal. Due Date; $C_1 Z IS$ File Number Lo15/S	Brand: PIKe Model: SGI Cal. Due Date: GI 15 File Number LO1915	Brand: $\underline{F/\nu kr}$ Model: $\underline{56/}$ Cal. Due Date: $\underline{16/1215}$ File Number $\underline{1915}$	Brand: F/J/Ke Model: SG/ Cal. Due Date: G/2J/5 File Number, Lo 1915	$\begin{array}{c} \text{Brand:}\\ \hline P \mid \mathcal{N} \mathcal{M} \\ \hline \text{Model:}\\ \hline S & G \mid \\ \hline \text{Cal. Due Date:}\\ \hline G \mid 2 \mid 1 \\ \hline \text{File Number}\\ \hline I & \mathcal{V} \mid 9 \mid 5 \\ \end{array}$	Brand: Model: 561 Cal. Due Date: 61215 File Number 101915	Brand: Fl_ke Model: 56l Cal. Due Date: $c_{12}S$ File Number log 1915	Brand: Flvke Model: SGI Cal. Due Date: G_12_1S File Number $fol_{51}S$	Brand: F VKe Model: SU Cal. Due Date: G 2 5 File Number I 0 9 5	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number
Ambient Temperature (6.[9])	60.5 °F	60.0°F	61.4 °F	64.1 °F	64.7 °F	<u>66.4</u> °F	67.7 °F	68.9°F	69.8 °F	70.3 °F	71.0 °F	69.9 °F	PF	°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])
68685	60.1	59.6	60.3	62.7	64.2	66.5	68.4	69.6	70.5	71.2	71.4	70.5	(0.[10]/0.[11])	(0.[10]/0.[11])
50522	60.8	60.5	61.0	62.8	63.6	65.1	66.9	67.9	69.1	69.1	69.4	68.8		R.
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Nitrate Salt-Bearing TRU	Waste Container Monitoring
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Document No .:	EWMO-AREAG-FO-DOP-1246
Revision:	4
Effective Date:	9-11-2014
Page:	36 of 37

ATTACHMENT 6 Page 2 of 3

6.[6] Date: From 9.27.14 to 9.27.14 Location: Jone 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])					
							- CVA							
×														
														2
							00							
Ambient Temperature (6.[14])	60.5 °F	59.9 oF EC 9.27.14	<u>61.0</u> •F	<u>64.3</u> •F	65.2 °F	66.9 °F	61.3 _{°F}	69.6 °F	70. y .F	70.8 °F	71.2°F	69.6°F	•F	°F
End Time (6.[15])	0137	0732	0827	0927	1028	1121	1728	1328	1427	1528	1628	1727		
6.[15]	Operator: SC Operator:	Operator:	Operator: Operator:	Operator: Operator:	Operator: SC Operator:	Operator: <u> <u> </u> <u> </u> <u> </u> Operator: <u> </u> <u> </u> </u>	Operator: <u>EC</u> Operator: <u>JR</u>	Operator:	Operator:	Operator:	Operator: <u>EC</u> Operator: <u>D</u> R	Operator:	Operator: Operator:	Operator: Operator:

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		· · · · · · · · · · · · · · · · · · ·		·	Page:	37 of 37
		ATTACHM Page 3 c				
5] Date: From $9.27.14$ to	9-27-14 Location: Dome	375 6111				
2] Comments:						
· · ·						
9] Performed by:	$ \longrightarrow $					
Dillies. Conto	6 Jul 1/2807 con 1 9-	2741 Operator (grint)	/ Signature	/ / Z# Init	/	
Derator (print) Signature	14	7-14	/	Z# Init	ials Date	
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Junn (rarcin) perator (print) Eluyocidora 190	Z# 1169840 AM 19-2 Z# Internals Date	Operator (print)	Signature 72 -7	Z# Init	ials Date	
Cloyo Giaria 1 90		2719 Operator (print)	/ Signature	/ / Z# Initi	/ ials Date	
Operator (print) Signature	/ / / /	Operator (print)	/ Signature	Z# Initi	/ ials Date	
operator (print) Signature	7212		Signature		iais Date	
	Z# Initials Date		/		/	
operator (print) Signature	TA I I I	Operator (print)	/ Signature	Z# Initi	ials Date	

Nitrate Salt-Bearing TRU Waste Container Monitoring

Document No.: EWMO-AREAG-FO-DOP-1246 Revision: 4 Effective Date: 9-11-2014 Page: 35 of 37

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

6.[6] Date: From 9-22-14 to 9-28-14 Location: 315

	Start Time:	Start Time:	Start Time:	Start Time:	Start Time:	Start Time:	Start Time:	Start Time:	Start Time;	Start Time:	Start Time:	Start Time:	Start Time:	Start Time:
	1826	6.[6]	2028	2129	2228	2325	6.[6]	0129	6.[6] 0228	0329	0429	0526	6.[6]	6.[6]
Calibrated Infrared	Brand: Hulle Model:	Brand: Fluce Model:	Brand: 1	Brand:	Brand: Huce Model:	Brand:	Brandi Huce Model:	Brand: Huke Model:	Brand: Huke Model:	Brands	Brand) Fluke	Brandi Fluce	Brand:	Brand:
Thermometer (6.[7])	Moděl:	56	Hule Model: 561	Model:	Model: 561	Arand: Model: Sol Cal. Due Date:	Model: Cal. Due Date:	Model:	56	Model:	Model:	Model:	Model:	Model:
	561 Cal. Due Date: 6-12-15 Eila Number	Cal. Due Ďate: 6-12-15 File Number	Cal. Due Date:	Cal. Due Date: 5-12-15	561 Cal. Due Date: 6-12-15	Cal. Due Date: $612-15$	Cal. Due Date: G - 12 - 15	561 Cal. Due Date: 612-15	Cal. Due Date:	Cal. Due Date:	Cal. Due Date: 6-12-15 File Number 101916	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:
Ambient	File Number 101915	ioigis	File Number	Cal. Due Date: $G = 2 - 15^{\circ}$ File Number 101916	File Number	6-12-15 File Number 101916	6-12-15 File Number 101916	File Number 101916	File Number 101916			File Number	File Number	File Number
Temperature (6.[9])	68.4°F	66.9°F	66.0F	64,6°F	63.L °F	621 °F	Glq°F	61. 2F	60.6F	60.3F	6011 °F	59.7F	•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])	Tenp (°E) (6)[10][6.[11])
68685	68.5	67.0	65.4	63.5	62.9	61.5	61.4	60.5	60.1	59.9	59.5	59.0	+	K \
20293	67.1	65.7	64.2	63.1	63.3	61.6	61.9	61.3	60.8	60,7	6013	59.8		<u> </u>
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6.[6] Date:	From 1-J	7-14 10 9-	28-14	Location: _	375	<u>A</u>	TTACHMEN Page 2 of 3	<u>VT 6</u>						
Container 1D # (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)	Temp (°F) (6.[10]/6.[11])
			-											
						(
							1			-				
			-											
Ambient Temperature	68. (sr	62,1°F	65.9r	64.7°F	62.9F	62.4F	6/19°F	61.1 °F	60.7F	INC	(0)	- Q. []		
(6.[14]) End Time (6.[15])	1827	1933	2029	2130		2326	1	0130		60.5F	60,1°F	59.4		•F
	Operator:	Operator:	Operator	Operator: (Operator:	Operato:	Operator:	OperatoA	Operator:	Operator:	operator:	Cheraton A	Operator:	Operator:
	Gerator:	Ondrator:	Optimior:	Onemior	Operator:	Operator:	Operator:	Operator:	Operator:	Operator	OperApr	Operat	Operator:	Operator:

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6.[6] Date: From <u>9-22-14</u> 6.[2] Comments: Need world worl so	10 9-28-14 Lo ed to al		ATTACHMEN Page 3 of 3 Jer 092714 mperature		glat edte	r fir	st reading
6.[19] Performed by:			A	/			
theraton (print) Signalu	re 211 11a 2 1165	Initials Date	Operator (print) Operator (print)	/ Signature / Signature	/ / / / Z# Initials / / Z# Initials		
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Operator (print) Signatur Operator (print) / Operator (print) Signatur Operator (print) Signatur	re Z#	Initials Date / / Initials Date / / Initials Date / / Initials Date	Operator (print) Operator (print) Operator (print)	Signature / Signature / Signature Signature	Z# Initials / / / / Z# Initials / / / / / / / Z# Initials / / / Z# Initials / / /	Date	
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Nitrate Salt-Bearing TRU Waste Container Monitoring

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

6.[6] Date: From 9/28/14 to 9/28/14 Location: 375 Cell 1

	Start Time: 6.[6] 0634	Start Time: 6.[6] 5735	Start Time: 6.[6] 0832	Start Time: 6.[6] 09.31	Start Time: 6.[6] /03 	Start Time: 6.[6] 1132	Start Time: 6.[6] 1231	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])	$\begin{array}{c} \text{Brand:}\\ \textbf{H} \text{Model:}\\ \textbf{S} \text{G} \text{I}\\ \textbf{Cal. Due Date:}\\ \textbf{G} \text{-I} \text{Z} \text{-I} \text{S}\\ \textbf{File Number}\\ \textbf{I} \text{O} \text{I} \text{G} \text{I} \text{G} \end{array}$	Brand; Fluke Model: Stol	Brand: F Juke Model: Se I Cal. Due Date: 6-12-15 File Number JO1916	Brand: Fuke Model: 56 Cal. Due Date: 6-12-15 File Number 101914	Brand: $F_{1,u,k,e}$ Model: $S_{1,e}$ Cal. Due Date: 6-12-15 File Number 10.1916	Brand: F-Tuke Model: Sol Cal. Due Date: 6-12-15 File Number	$\begin{array}{c c} \hline L & J \\ \hline \\ \hline \\ \\ \hline \\ \\ \hline \\ \\ \\ \hline \\ \\ \\ \\ \hline \\ \\ \\ \\ \hline \\ \\ \\ \\ \\ \\ \hline \\$	Brand: Fluke Model: S6 Cal. Due Date: 6-12-15 File Number 10/916	$\begin{array}{c} 1433\\ \text{Brand:}\\ \hline \\ \\ \hline \\ \hline \\ \\ \hline \hline \\ \hline \hline \\ \hline \\ \hline \\ \hline \\ \hline \hline \hline \\ \hline \hline \\ \hline \hline \hline \hline \\ \hline \hline \hline \hline \hline \\ \hline \hline$	1530 Brand: Fluke Model: 561 Cal. Due Date: 6-12-15 File Number 101916	$\begin{array}{c} 1632\\ \text{Brand:}\\ F1uke\\ \text{Model:}\\ 561\\ \text{Cal. Due Date:}\\ 6-12-15\\ \text{File Number}\\ 101916\end{array}$	L730 Brand: Flwkl Model: Stol Cal. Due Date: 6-12-15 File Number	Bland: Moyel: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number
Ambient Temperature (6.[9])	58.2°F	58.4 .	59.7 °F	60.4 °F	62.5 °F	1019/6 63.3 °F	64.8 °F	66.6 °F	68.3 °F	101916 68.4 or	68.0 °F	File Number 101916 67.7 °F	of:	ol:
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 (°I) (6.[10]/6.[1])	Temp (°F)
68685	58.8	58.7	59.4	60.3	62.8	63.2	652	67.2	69.4	69.1	68.8	68.2	(0.[10]/0.[11])	(6.[10]/6.[11])
50522	59.3	59.1	59.6	60.7	62.2	62.5	63.9	65.9	67.0	67.9	67.1	66.7		
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							0A							
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Nitrate Salt-Bearing TRU Waste Container Monitoring

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6.[6] Date: From <u>9-28-14</u> to <u>9-28-14</u> Location: <u>375</u> Cell <u>Z</u>

Container ID # (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])													
							NE							
Ambient													<u> </u>	
Temperature (6.[14])	<u>58.7</u> .F	<u>58.8</u> •F	59.7 °F		62.9 °F	63.4 °F	<u>64.8</u> •F	67.1 °F	67.7 °F	68.5 °F	68.2 °F	67.9 °F		°F
End Time (6.[15])	0635	0731	0833	0932 -0837 JR 1-23-14	1032	1133	1232	1333	1434_	1531	633	1731		I
6.[15]	Operator:													
	Operator:													
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Nitrate Salt-Bearing TRU Waste	Nitrate Salt-Bearing TRU Waste Container Monitoring							
	ATTACHMENT 6 Page 3 of 3							
6.[6] Date: From <u>9.28.14</u> to <u>9.28.19</u> Location: <u>375 Cell 1</u>								
6.[2] Comments:								
			· · · · · · · · · · · · · · · · · · ·					
6.[19] Performed by:								
Operator (print) Strature 7# Initials Date	/ Operator (print) Signature	//////////////////////////////////////	Date					
Operator (print) Designature Z# Initials Date	/ Operator (print) Signature	/ / / / Z# Initials	Date					
Willing Carter 2 Don 111512160 19-28-14		/ / /						

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Jackie Romi	1 Jackie K	omero 1/8716	F/JK 19.	28-14
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Timmy Rom	erortal	2342	53-TR1	9-28-14
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Operator (print)	Signature	Z#	Initials Da	te
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SOM or designee (print) Signature Z# Initials Date

		Document No.:	EWMO-AREAG-FO-DOP-1246
	Nitrate Salt-Bearing TRU Waste Container Monitoring	Revision:	4
		Effective Date:	9-11-2014
JET		Page:	35 of 37

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

6.[6] Date: From <u>9-38-14</u> to <u>9-39-14</u> Location: <u>Dime-305 Cull</u>

	Start Time: 6.[6] 133	Start Time: 6,[6] /93/	Start Time: 6.[6] 2030	Start Time: 6.[6] 2.[3]	Start Time: 6.[6] 7 7 30	Start Time: 6.[6] 233/	Start Time: 6.[6] 0030	Start Time: 6.[6] 0/30	Start Time: 6.[6] 02 30	Start Time: 6.[6] 6330	Start Time: 6.[6] 0430	Start Time: 6.[6] 0 5 24	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared Thermometer ((6.[7])	Brand: $\underline{f-UM(LA)}$ Model: $56f$ $\underline{f-UM(LA)}$ Cal. Due Date: $\underline{G-12} + 55$ File Nymber f = f + 16	Brand: $\underline{\mathcal{K}\mathcal{U}\mathcal{U}\mathcal{K}\mathcal{H}}$ Model: $\underline{\mathcal{S}\mathcal{H}}$ Cal. Due Date: $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}\mathcal{H}}$ Cal. Due Date: $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}\mathcal{H}$ $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}\mathcal{H}$ $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}\mathcal{H}$ $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}\mathcal{H}$ $\underline{\mathcal{S}\mathcal{H}}$ $\underline{\mathcal{S}$	Brand: $f'_{LM}(1/2)$ Model: 5'' Cal. Due Date: 6'' - 7 - 3 + 1 - 5' File Number f(2) - 9 + 6'	Brand: F_{MACA} Model: S_{L} Cal. Due Date: 6-12-15 File Number 101916	Brand: FLU(C) Model; SBI Cal. Due Date: $G^{1}JIS$ File Number IOI9I6	Brand: I-Curkk Model: $S_0/$ Cal. Due Date: G_{-12-15} File Number IOI9I6	Brand: $J=LU_KK_3$ Model: $S=G_1$ Cal. Due Date: G=12=-15 File Number J=191G	Brand: $J=L_{AA}KH^{2}$ Model: $S=L_{A}$ Cal. Due Date: $G=L_{A}=HS$ File Number $\int O(F)/G$	Brand: $I = I_M L_A$ Model: $S = I_A$ Cal. Due Date: $b = I_A = I_A$ File Number I = 0.1916	Brand: $J=L_{A}K_{A}$ Model: $J=G_{J}$ Cal. Due Date: $G=J_{A}=J_{A}$ File Number $J=J_{A}G_{A}$	$\begin{array}{c} \hline Brand: \\ \hline -f_{M_0} / f_{M_0} \\ \hline Model: \\ \hline S & \\ \hline Cal. Due Date: \\ \hline Cal. Due Date: \\ \hline File Number \\ \hline / 0 / 9 / 6 \\ \hline \end{array}$	Brand: fugged Model: SBI Cal. Due Date: $b = 23 - 15File Number1 \otimes 1 \otimes 14$	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number
Ambient Temperature (6.[9])	67.6 °F	<u>66.7</u> °F	65.9°F	65.3 °F	65,0 °F	64.2 °F	62.6 °F	61.8 °F	60.9 °F	60.8 oF	5 9.9 • F	<u>59.4</u> °F	Mer	°F
Container ID # (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11]) 67.2	Temp (°F) (6.[10]/6.[11]) (6.6.6	Temp (°F) (6.[10]/6.[11]) 65.4	Temp (°F) (6.[10]/6.[11]) G. Y. S	Temp (°F) (6.[10]/6.[11]) 64.2	Temp (°F) (6.[10]/6.[11]) 62.7	Temp (°F) (6.[10]/6.[11]) 61. 4	Temp (°F) (6.[10]/6.[11]) 60.9	Temp (°F) (6.[10]/6.[11]) 60.4	Temp (°F) (6.[10]/6.[11]) 60-	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11]) 59.5	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])
505 22	65.8	65.1	64.4	63.8	63.2	62.6	61.7	61.3	60.7	60.5	59.7 59.9	59.6		
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Page 2 of 3 Location: Dank 375 CEUI

6.[6] Date: From <u>9-28-14</u> to <u>9-29-14</u>

Container ID #	Temp (°F)	Temp (°F)	Temp (°F)	Temp (°F)	Temp (°F)	T. (05)								
(6.[10]/6.[11])	(6.[10]/6.[11])	(6.[10]/6.[11])	(6.[10]/6.[11])	(6.[10]/6.[11])	(6.[10]/6,[11])	(6.[10]/6.[11])	(6.[10]/6.[11])		(6.[10]/6.[11])		(6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])	Temp (°F) (6.[10]/6.[11])
							_							
			<u> </u>											
						N	1A							
			,							· · · · · · · · · · · · · · · · · · ·				
Ambient Temperature (6.[14])	67.7.	<u>66.7</u> °F	660 °F	65,7°F	(5.0 .F	64.1 °F	62.5 °F	61.9 °F	61.1 of	60.7 °F	60.3 .F	59.7 of	•F	۰ <u>۲-</u>
End Time (6.[15])	1834	1932	2031	2132	2231	2332	0031	0/3/	0231	0331	0431	0530		
6.[15]	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:						
	Operator:			Operator:	Operator:	Operator:						<u>C</u> Operator:	Operator:	Operator:
	om_	on	om_	Om-	O.M	SEU_	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:		operator.

UET		Nitrate Salt-Bearing TR	U Waste Container Monito	ring		Document No.: Revision: Effective Date: Page:	EWMO-AREAG-FO-DOP-124 4 9-11-2014 37 of 37
5.[6] Date: From <u>9</u> 5.[2] Comments:	- 28-14_ 10_ <u>9-29-</u> ,	14 Location: Domb	<u>ATTACHI</u> Page 3 <u>325 Cull</u> 1	MENT 6 of 3			15
			y A				
.[19] Performed by:							
		2# Initials Date ///4(88//EC/9-29	9-14	/ Signature	11	/ ils Date /	
Operator (print)	Signature / Signature / A	Z# Initials Date / / / / Z# Initials Date / / /	Operator (print) Operator (print)	Signature	1. 1	ls Date / ls Date	
Operator (print)	Signature / Signature	Z# Initials Date	Operator (print) Operator (print)	Signature / Signature /		ls Date / ls Date	
Operator (print)	/			/	1 1	_/	
Operator (print) Operator (print)	/Signature	Z# Initials Date:	Operator (print)	Signature /	Z# Initia	Date	

Reserving der halt Vhast 224935 Hold 9-29-19 SOM or designee (print) Signature Z# Initials Date