From: Juarez, Catherine L

Sent: Wednesday, April 20, 2016 3:50 PM

To: Ryan.Flynn@state.nm.us; Jeff.Kendall@state.nm.us; Kieling, John, NMENV (john.kieling@state.nm.us) <john.kieling@state.nm.us>; Briley, Siona, NMENV (Siona.Briley@state.nm.us) <Siona.Briley@state.nm.us>; ricardo.maestas@state.nm.us; Greg Lauer <Gregory.Lauer@state.nm.us>; Coleman Smith <coleman.smith@state.nm.us>; Butch Tongate <butch.tongate@state.nm.us>; Cobrain, Dave, NMENV <dave.cobrain@state.nm.us>; Kathryn Roberts <kathryn.roberts@state.nm.us>; Dhawan, Neelam, NMENV <neelam.dhawan@state.nm.us>

Cc: Maggiore, Peter peter.maggiore@nnsa.doe.gov>; DeRoma, Silas <silas.deroma@nnsa.doe.gov>; Cummings, Lisa K </l></l></l></l></l></l <jody.pugh@nnsa.doe.gov>; Bishop, Milton L <lee.bishop@em.doe.gov>; Arnswald, Jordan <<u>Jordan.Arnswald@nnsa.doe.gov</u>>; Nash, Adrienne <<u>adrienne.nash@nnsa.doe.gov</u>>; Armijo, Karen (CONTR <Karen.Armijo@nnsa.doe.gov>; Mairson, William Raymond <wrmairson@lanl.gov>; Torres, Enrique <etorres@lanl.gov>; Woitte, Deborah Kay dwoitte@lanl.gov; McMichael, Susan Lynn smcmichael@lanl.gov; Brandt, Michael Thomas <mtbrandt@lanl.gov>; Sharp-Geiger, Raeanna Racine <raeanna@lanl.gov>; Grieggs, Tony <grieggst@lanl.gov>; Bacigalupa, Gian A <gian@lanl.gov>; Baumer, Andy <andybaumer@lanl.gov>; Martinez, Saundra <saundra@lanl.gov>; Schreiber, Arleen Thorn <arleen@lanl.gov>; Maestas, Pamela Therese <pamela@lanl.gov>; Hargis, Kenneth Marshall <khargis@lanl.gov>; Cabbil, Cheryl Denise <cabbil@lanl.gov>; Erickson, Randy <rerickson@lanl.gov>; Funk, David John <dif@lanl.gov>; Frederici, Dave <def@lanl.gov>; Robinson, Bruce Alan <robinson@lanl.gov>; McCann, John Phillips <jmccann@lanl.gov>; Tymkowych, John M <jtymkowych@lanl.gov>; Branch, Yvette S <ybranch@lanl.gov>; Guffee, Debi <dguffee@lanl.gov>; Saladen, Michael Thomas <saladen@lanl.gov>; epccat@lanl.gov; Diaz, Tammy <tdiaz@lanl.gov>; Haagenstad, Mark P <mph@lanl.gov>; Martinez, Lydia Emma <lydia@lanl.gov>; Naranjo, Felicia Danielle <felicia@lanl.gov>; Juarez, Catherine L <cjuarez@lanl.gov>; Vigil-Holterman, Luciana R <luciana@lanl.gov> Subject: Monthly Technical Summary March 17, 2016 - April 20, 2016

Linked below is the written monthly technical summary for March 17, 2016 – April 20, 2016. Summaries are due the third Wednesday of each month. The Permittees are submitting the attached information pursuant to: Section 19 of the May 19, 2014, Administrative Order; the letters from NMED dated July 10, 2014, April 27, 2015, May 8, 2015, and August 12, 2015 regarding Modification to May 19, 2014, Administrative Order; and Section IX of the LANL Nitrate Salt-Bearing Waste Container Isolation Plan, Revision 5, approved on March 25, 2016.

Click on the link below to download the associated file using your web browser.

NMED monthly written technical summary April 20, 2016.pdf

Cathy Juarez for
Mark Haagenstad
Environmental Protection and Compliance Division
RCRA Permitting and Compliance Team Leader
Los Alamos National Security
Los Alamos National Laboratory
Office: (505) 665-2014

Office: (505) 665-2014 Mobile: (505) 699-1733

NMED / LANL Technical Summary

March 17, 2016 – April 20, 2016

Participants:

- New Mexico Environment Department: Neelam Dhawan and Siona Briley.
- LANL Los Alamos National Security: Mark Haagenstad, Luciana Vigil-Holterman, Lydia Martinez, Felicia Naranjo and Cathy Juarez.

LANL Technical Update:

• Location of Nitrate Salt-Bearing Wastes

- o Remediated nitrate salt-bearing waste containers (55 SWBs and 4 overpacked POCs).
 - All containers remain in the 375 Permacon.

• Monitoring - Daily Temperature

- o Temperatures are currently below 75°F.
 - Previous 35 days' temperature data attached.

• Monitoring – Visual Inspections

No abnormal conditions were observed.

• Monitoring – headspace gas (HSG)

- o Containers (SWBs) 68685 and SB50522 continue daily head space gas (HSG) sample collection.
 - March 16, 2016 April 19, 2016 HSG data (H₂, CO, CO₂ and N₂O) attached.
- Other containers:
 - A minimum of once per month HSG sampling will be conducted.
 - Through April 19, 2016, LANL has completed HSG sampling for the month on 50 containers.
 - o April, 2016 HSG data (H₂, CO, CO₂ and N₂O) attached.

Additional measures currently underway

- o Twice-weekly HSG sample collection on five other SWB overpacks (containing 55-gallon drums of remediated nitrate salt-bearing waste).
 - HSG data (H₂, CO, CO₂ and N₂O) attached for March and April, 2016.
- Graphical depictions of HSG data are attached for the two containers required to be sampled daily and the five other SWB overpacks that are currently sampled twice weekly as additional measures.
 - CO₂ values are adjusted by the quantity of CO₂ in the field blank (i.e., the amount of CO₂ in the air when the sample is taken is subtracted from the CO₂ reading within the container). No other adjustments are made to the data.
- o Additional HSG sampling is currently being conducted in support of SWB lid removal activities as described in the LANL Isolation Plan, Revision 5. These data are included in the data attached.

LA-UR-16-22707

- Anticipated Changes to Nitrate Salt-Bearing Waste Containers (e.g. movement, repackaging)
 - o Within the TA-54-375 Perma-Con®, SWB lid removal began on Friday, April 8, 2016.
 - As of April 19, 2016, 21 SWB lids have been removed.
 - 55-gallon drums that contain waste within the SWBs are labeled when SWB lids are removed. Any movement of the drums within each of the SWBs is limited to minimal movement necessary to perform labeling.
 - Lid removal on the last seven containers will occur once the pressure relief devices are ready to be installed.
 - o Currently, no further movements or re-packaging are occurring.

Other:

- Due to high winds on March 29, 2016, a power pole impacted the power distribution at TA-54, Area G. Power to Dome 375 was not affected because of the power pole, however, power was affected during repair of the distribution lines and back up emergency functions were in place during the outage. The NMED-HWB was notified of the event.
- LANL Isolation Plan, Revision 6 is in draft form and will include the following changes:
 - o Changes to the plan to reflect safety basis requirements or procedures that have been drafted to meet safety basis requirements.
 - Method to be used to add pressure relief devices and supplemental filtration to remediated nitrate salt-bearing waste containers that hold pipe overpack components (POCs).

Next Call: Wednesday, May 18, 2016

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.,	NMED		Complete
2	24 hour notices).	LANL		June 5, 2014
2.	Keep NMED informed on the status of ongoing chemistry / analytical work.	LANL		Complete June 9, 2014
3.	On upcoming daily call, provide additional	LANL		Complete
٥.	discussion on the potential for liquids in the	Line		Complete
	350 post-1991 cemented containers (including			July 6, 2014
	a discussion of the review of RTR tapes).			(Discussion on call)
				July 18, 2014
4.	On upcoming call, provide additional	LANL		(Meeting held) Complete
4.	discussion on why 231 and 375 Permacon fire	LANL		Complete
	suppression systems are not part of the LANL			June 5, 2014
	RCRA Hazardous Waste Facility Permit			,
	Contingency Plan.			
5.	Send copy of June 4, 2014 written daily	LANL		Complete
	submission to Trais Kliphuis. Also, include			
	her on future daily submissions.	Y 4 3 7 7		June 5, 2014
6.	Provide LANL procedures and example	LANL		Complete
	records associated with post-1991 TA-55 cementation process discussed on June 6.			July 3, 2014
7.	Provide information on numbers of containers	LANL		Complete
	in the post-1991 cemented waste streams from			23
	the TA-55 process discussed on June 6. This			June 17, 2014
	should include numbers regarding RTR status			(Supplemental Info
	(RTR'd, meet WIPP criteria, requiring			provided July 3)
0	remediation).	LANI		
8.	Provide RTR video and pre-screening information associated with those containers	LANL		Complete
	requiring remediation from the post-1991			July 3, 2014
	cemented waste streams from the TA-55			
	process discussed on June 6.			
9.	Provide copy of CCP/LANL Interface	LANL		Complete
	Document.			
10	D 11 11 (6d 1 1 (6 1 1 1 7 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	TANIT		June 9, 2014
10.	Provide a list of the analytes for which LANL is sampling HSG (CO ₂ and LFL analytes).	LANL		Complete
	is sampling 1150 (CO2 and LFL analytes).			June 11, 2014
11.	Discuss potential sampling of HSG for NO _x .	LANL		Complete
- 1 •	Potential sampling of 1120 for frox.	, _		- 5p.200
				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 saltbearing containers at LANL.	LANL		Complete Empty Parent June 16, 2014 Unremediated August 14, 2014 (Supplemental information discussed on sampling of parent containers) August 26, 2014 (Letter on applicability of LANL HWFP for opening waste containers)

	Requested Information	Actionee	Status	Completion Date
13.	Respond to NMED email request for information associated with the nitrate salt-bearing parent and daughter waste containers. WIPP Recovery Daily Meeting Action List item #84 – NMED requested a copy of the LANL remediation records for waste stored in Panel 6 (Trais Kliphuis) – is a subset of the information in item 5 of this action.	LANL		Complete July 9, 2014 (Letter sent addressing items 1-4 and 6-9 of the email request) July 17, 2014 (Letter sent with updated spreadsheet) August 7, 2014 (First submittal in response to item 5) August 14, 2014 (Letter addressing items 2 & 8 - Second submittal in response to item 5) August 18, 2014 (Third submittal in response to item 5) August 21, 2014 (Fourth submittal in response to item 5) August 27, 2014 (Fifth submittal in response to item 5) September 4, 2014 (Sixth submittal in response to item 5) September 9, 2014 (Seventh submittal in response to item 5) September 11, 2014 (Eighth submittal in response to item 5) September 22, 2014 (Ninth submittal in response to item 5) September 23, 2014 (Tenth submittal in response to item 5) September 23, 2014 (Tenth submittal in response to item 5) September 23, 2014 (Tenth submittal in response to item 5) October 1, 2014 (Eleventh submittal in response to item 5) October 7, 2014 (Fourteenth submittal in response to item 5) October 23, 2014 (Twelfth submittal in response to item 5) October 27, 2014 (Fifteenth submittal in response to item 5) October 28, 2014 (Thirteenth submittal in response to item 5) October 28, 2014 (Fourteenth submittal in response to item 5) October 28, 2014 (Fourteenth submittal in response to item 5) October 28, 2014 (Fourteenth submittal in response to item 5) October 28, 2014 (Fourteenth submittal in response to item 5) October 28, 2014 (Fourteenth submittal in response to item 5) October 28, 2014 (Fourteenth submittal in response to item 5)

	Requested Information	Actionee	Status	Completion Date
14.	NMED will review the Round Sheets (provided in June 11 summary) and inform LANL if these should be attachments to the Revised Plan, or if they fall under the provision in Section I of the Revised Isolation Plan and their identification during this technical call is sufficient.	NMED	NMED has reviewed Round Sheets – no comments / direction at this time. NMED will address any comments in their formal response to Revised Container Isolation Plan.	Complete June 23, 2014
15.	NMED has requested 'copies of any waste processing, treatment, characterization stop orders issued since Feb 14, 2014.'	LANL		Complete June 13, 2014 (Included w/ daily summary) June 16, 2014 (Discussed current TA-54 & WCRRF operations)
16.	NMED requested information on the location of drums 68327 and 68328. Request made June 14.	LANL		Complete June 14, 2014
17.	Update on LANL efforts – including LANL teams. (On June 20 call, LANL offered to schedule an update meeting).	LANL / NMED		Complete July 2, 2014
18.	Neutralizer use in association with container S855793 (parent of 68660 and 68685).	LANL		Complete June 25, 2014
19.	List of nitrate salt-bearing waste containers that LANL records indicate contain absorbed liquids with the same neutralizer, as discussed during June 25 technical call.	LANL		Complete September 30, 2014 (with August 26, 2014 response)
20.	Schedule follow-on update on LANL efforts – including teams.	LANL / NMED		Complete August 14, 2014 (Meeting held)
21.	NMED requested information on document approval / review (as discussed on July 3 call).	LANL		Complete July 29, 2014
22.	What analyses will be conducted on samples taken from empty drums that previously contained nitrate salt-bearing waste.	LANL		Complete July 7, 2014
23.	NMED requested the following information on cemented waste containers generated from TA-55, that are currently stored above-ground at Area G: container id number; location; form (cans or monoliths); and type of concrete. Additionally, NMED requested information on pH adjustment during waste generation process, and information on anticipated pH of free liquids (and rationale).	LANL		Complete July 17, 2014 (Letter sent w/information) July 18, 2014 (Meeting held)

	Requested Information	Actionee	Status	Completion Date
24.	NMED requested the procedure for sampling empty parent drums that previously contained nitrate salt-bearing waste.	LANL	EP-AREAG-WO-DOP- 1245 is included in Enclosure 1 to LANL's July 3, 2014 Response to Request for Information on Management of Waste at LANL.	Complete July 8, 2014
25.	NMED requested an additional discussion on a future technical call regarding CO ₂ , including data.	LANL		Complete August 14, 2014 (Meeting held)
26.	NMED requested additional discussion on CIN-01 waste containers and absorbent, including confirmation and extent of use.	LANL		Complete July 18, 2014 (Meeting held)
27.	NMED requested historic analytical information on pH of liquids associated with gypsum cemented waste.	LANL		Complete August 7, 2014
28.	NMED requested link to pdf of Actinide Quarterly edition (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		Complete September 29, 2014 (meeting held)
35.	Schedule a third update on LANL efforts – including teams.	LANL / NMED		Complete October 20, 2014

	Requested Information	Actionee	Status	Completion Date
36.	NMED request regarding LANL Causal Analysis associated with processing of nitrate salt-bearing waste at WCRRF – when document is Final.	LANL	Document is currently Draft and will remain draft.	Closed November 19, 2015 Meeting with NMED- HWB personnel discussed that information in the Technical Assessment Report and the DOE Phase II Investigation Report were sufficient for closure.
37.	NMED requested a diagram illustrating the current locations within the 375 Permacon of the 55 SWBs that contain the 57 remediated nitrate salt-bearing waste containers. NMED also requested a list of these 55 SWBs and the waste drums within each SWB (including the container numbers and waste stream type).	LANL		Complete October 27, 2014 (Diagram submitted) November 3, 2014 (Table submitted) November 20, 2014 (Revised table submitted)

LA-UR-16-22707

	Requested Information	Actionee	Status	Completion Date			
38.	NMED requested documentation regarding CIN01.001 waste containers that are not part of the September 19, 2014 Nitrate Salts-Bearing Waste Container Isolation Plan, Revision 2.	LANL	In Progress LANL will submit this documentation in batches as it is becomes available.	Submitted 100 out of 586 RTRs and documentation on October 3, 2014. Submitted documentation for 101-200 containers on October 10, 2014. Submitted documentation for 201-300 containers on October 16, 2014. Submitted documentation for 301-400 containers on October 23, 2014. Submitted documentation for 401-500 containers on October 27, 2014. Submitted documentation for 401-500 containers on October 27, 2014. Submitted documentation for 501-586 containers on November 12, 2014. Submitted RTR Videos 101-150 on November 12, 2014. Submitted RTR Videos 151-200 on November 20, 2014. Submitted RTR Videos 201-250 on December 1, 2014. Submitted RTR Videos 201-250 on December 19, 2014. Submitted RTR Videos 251-300 on December 19, 2014. Submitted RTR Videos 301-312 on January 15, 2015.			
39.	NMED requested a diagram of the location of the thermocouples on 68685 and SB50522.	LANL		Complete October 27, 2014			
40.	NMED requested a copy of the safety basis document for remediation planning when it is finalized.	LANL	Document is currently in Draft and final path has not yet been determined.				

	Requested Information	Actionee	Status	Completion Date
41.	Trending and correlation of temperature and HSG monitoring data.	LANL		Complete November 19, 2015 HSG data modeling report to be included with the LANL Isolation Plan and graphical depitions of HSG data and temperature will be included with monthly submittals starting in December 2015.
42.	Schedule a fourth update on LANL efforts – including teams.	LANL/ NMED		Complete November 3, 2014
43.	Schedule a fifth update on LANL efforts – including teams.	LANL/ NMED		Complete November 20, 2014
44.	Schedule a sixth update on LANL efforts – including teams.	LANL/ NMED		Complete December 9, 2014
45.	NMED requested documentation regarding CIN01 drums.	LANL		Complete Email- February 3, 2015 Letter- February 19, 2015
46.	NMED requested documentation regarding duplicate drum number.	LANL		Complete May 6, 2015
47.	NMED requested the ESS plan for temperature control and sampling once finalized.	LANL		Closed November 19, 2015 meeting with NMED- HWB personnel.
48.	Schedule a seventh update on LANL efforts – including teams.	LANL/ NMED		Complete January 29, 2015
49.	Fire suppression repair plan for Dome 231	LANL		This repair plan is no longer necessary because drum movement did not occur during the repair process. Repair is complete.

	Requested Information	Actionee	Status	Completion Date
50.	NMED requested information regarding solution packages 36, 37, 57 and 78.	LANL		Complete. Email – February 17, 2015. Letter- March 19, 2015.
51.	NMED requested copies of any procedures regarding cementation in bags.	LANL		March 19, 2015 Confirmation that no specific procedure can be located for cementation in bags.
52.	NMED requested information on the percentage of the 55 SWBs that, based on SWB HSG data, appear to have chemical reactions occurring within the waste.	LANL		Complete. Discussed during technical meeting on April 16, 2015. Email follow-up on April 20, 2015.
53.	NMED requested the document "TA-55 Cement Fixation Drum Logbook" referenced in the CCP AK document.	LANL		Complete. Included with April 24, 2015 Response to Request for Information.
54.	NMED requested summary sheet for HSG data.	LANL		Complete April 9, 2015.
55.	NMED requested additional discussion on engineering options for cooling in Summer months.	LANL		Complete. Discussed during technical meeting on April 16, 2015.
56.	NMED requested references in Technical Assessment Team report Waste Isolation Pilot Plant (WIPP): Chemical Reactivity and Recommended Remediation Strategy for Los Alamos Remediated Nitrate Salt (RNS) Wastes.	LANL		Complete April 9, 2015.
57.	Schedule an eighth LANL update meeting to continue technical discussions associated with remediation options, planning and other topics of interest.	LANL/ NMED		Complete April 16, 2015.

LA-UR-16-22707

		680	685			69	553			690	615			69	616			SB50069		
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	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
03/16/16	147	195	4281	958																
03/17/16	130	214	3745	828	158	340	7775	871	112	267	5206	237	330	434	7451	1219	410	731	13955	1689
03/18/16	126	164	3251	810																
03/19/16	140	220	4019	901																
03/20/16	139	212	3928	900																
03/21/16	130	198	3702	859	173	367	7636	891	115	251	5091	239	319	388	7100	1192	454	740	13587	1667
03/22/16	140	214	4017	891																
03/23/16	129	179	3256	715																
03/24/16	120	192	3698	817	166	373	7669	861	116	265	5136	240	322	432	7065	1192	453	730	13130	1606
03/25/16	136	212	3890	892																
03/26/16	116	171	3578	790																
03/27/16	141	191	4046	908																
03/28/16	121	181	3624	797	138	302	6435	729	37	96	1769	82	332	440	7403	1257	318	517	9681	1177
03/29/16	143	210	4089	914																
03/30/16	141	201	3868	870																
03/31/16	129	213	3861	871	158	357	7542	882	120	282	5371	260	331	398	7373	1245	459	779	14355	1800
04/01/16	138	209	3869	854																
04/02/16	139	217	3968	888																
04/03/16	133	205	3865	885																
04/04/16	126	172	3791	836	151	323	7116	819	116	241	5196	251	324	410	6995	1137	330	524	10005	1191
04/05/16	139	209	4061	901																
04/06/16	135	196	3732	816																
04/07/16	131	188	3527	785	149	348	7044	825	26	74	1490	54	323	438	6856	1131	452	710	13076	1628
04/08/16	129	210	3638	830																
04/09/16	139	177	3981	873																
04/10/16	134	180	3674	830																
04/11/16	133	182	3494	783	179	369	7714	900	116	237	4905	220	313	383	6362	1058	524	733	13243	1649
04/12/16	114	197	3644	818																
04/13/16	140	221	3922	845																
04/14/16	136	205	3643	809	182	391	7852	932	119	282	5314	251	316	405	6748	1096	534	800	14359	1640
04/15/16	137	201	3678	788																
04/16/16	142	217	4062	909																
04/17/16	118	205	3552	777																
04/18/16	142	216	3862	854	146	342	6921	833	116	290	5484	279	325	429	6979	1171	504	768	13681	1746
04/19/16	93	193	3276	718																

		SB50	0452			SB5	0522			684	130			68	507			70503 (68540/68553)		
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	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
03/16/16					627	488	26053	1395												
03/17/16	711	510	7095	1208	598	474	24704	1350												
03/18/16					580	479	23882	1333												
03/19/16					613	514	24839	1376												
03/20/16					602	504	24266	1332												
03/21/16	665	460	6693	1156	563	466	23617	1314												
03/22/16					626	525	25411	1439												
03/23/16					577	407	19634	1080												
03/24/16	667	470	6541	1096	564	345	22874	1272												
03/25/16					623	501	24843	1431												
03/26/16					615	477	23121	1296												
03/27/16					553	442	21952	1240												
03/28/16	716	485	6780	1154	610	470	22943	1318												
03/29/16					636	508	25208	1426												
03/30/16					619	500	23916	1345												
03/31/16	711	466	7001	1183	609	513	24947	1442												
04/01/16					606	484	23813	1375												
04/02/16					617	511	24150	1397												
04/03/16					609	518	24145	1432												
04/04/16	673	478	6697	1109	578	459	23461	1346												
04/05/16					629	524	24786	1483	190	211	3142	566	88	62	761	31				
04/06/16					604	493	22476	1291												
04/07/16	669	486	6614	1084	574	477	22386	1295												
04/08/16					564	475	21625	1296												
04/09/16					645	499	25150	1440												
04/10/16					540	409	20049	1158												
04/11/16	623	421	6088	1006	609	453	22177	1272												
04/12/16					569	486	23095	1321												
04/13/16					627	485	23050	1279												
04/14/16	676	507	6926	1152	617	515	23415	1376												
04/15/16					626	526	24193	1391												
04/16/16					596	474	21975	1265												
04/17/16					570	470	21677	1271												
04/18/16	679	479	6634	1097	619	499	23051	1350												
04/19/16					573	520	23902	1412												

		685	567			68	624			680	631			68	638			690	013	
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	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
03/16/16																				
03/17/16																				
03/18/16																				
03/19/16																				
03/20/16																				
03/21/16																				
03/22/16																				
03/23/16																				
03/24/16																				
03/25/16																				
03/26/16																				
03/27/16																				
03/28/16																				
03/29/16																				
03/30/16																				
03/31/16																				
04/01/16																				
04/02/16																				
04/03/16																				
04/04/16																				
04/05/16																	27	0	531	0
04/06/16	23	0	439	47																
04/07/16	23	0	334	40																
04/08/16																				
04/09/16																				
04/10/16																				
04/11/16																				
04/12/16																				
04/13/16									19	0	414	27	12	0	176	0				
04/14/16																				
04/15/16																				
04/16/16																				
04/17/16													12	0	181	0				
04/18/16					43	86	950	117												
04/19/16													4	0	77	0				

		690	015			69	036			692	298			694	445			69	519	
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	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
03/16/16					86	35	385	113												
03/17/16																				
03/18/16																				
03/19/16																				
03/20/16																				
03/21/16																				
03/22/16																				
03/23/16																				
03/24/16																				
03/25/16																				
03/26/16																				
03/27/16																				
03/28/16																				
03/29/16																				
03/30/16																				
03/31/16																				
04/01/16																				
04/02/16																				
04/03/16																				
04/04/16																				
04/05/16	68	47	734	59													285	306	5117	1507
04/06/16																				
04/07/16																				
04/08/16																				
04/09/16																				
04/10/16																				
04/11/16																				
04/12/16					16	22	170	25												
04/13/16																				
04/14/16																				
04/15/16																				
04/16/16																				
04/17/16					83	66	347	102												
04/18/16																				
04/19/16													219	314	3809	382				

		69	520			69	548			69	559			69	568			69	598	
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	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
03/16/16					13	0	470	78	255	312	3104	858								
03/17/16																				
03/18/16																				
03/19/16																				
03/20/16																				
03/21/16																				
03/22/16																				
03/23/16																				
03/24/16																				
03/25/16																				
03/26/16																				
03/27/16																				
03/28/16																				
03/29/16																				
03/30/16																				
03/31/16																				
04/01/16																				
04/02/16																				
04/03/16																				
04/04/16																				
04/05/16	89	124	1642	540													28	0	480	21
04/06/16																				
04/07/16																				
04/08/16																				
04/09/16																				
04/10/16					14	0	410	72												
04/11/16					12	0	343	60												
04/12/16					13	0	525	77												
04/13/16									228	315	3241	902	88	88	304	237				
04/14/16																				
04/15/16																				
04/16/16																				
04/17/16									194	263	2586	735								
04/18/16																				
04/19/16																				

		690	504			69	618			690	520			69	630			690	533	
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	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N₂O ppm
03/16/16	275	268	4658	1199																
03/17/16																				
03/18/16																				
03/19/16																				
03/20/16																				
03/21/16																				
03/22/16																				
03/23/16																				
03/24/16																				
03/25/16																				
03/26/16																				
03/27/16																				
03/28/16																				
03/29/16																				
03/30/16																				
03/31/16																				
04/01/16																				
04/02/16																				
04/03/16																				
04/04/16																				
04/05/16	263	283	4516	1294																
04/06/16																				
04/07/16																				
04/08/16																				
04/09/16																				
04/10/16																				
04/11/16																				
04/12/16																				
04/13/16																				
04/14/16																				
04/15/16																				
04/16/16																				
04/17/16																				
04/18/16													370	541	8403	719	388	405	5477	749
04/19/16					52	59	622	84	287	298	3470	684								

		696	634			69	635			690	636			69	637			690	538	
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	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N₂O ppm
03/16/16																				
03/17/16																				
03/18/16																				
03/19/16																				
03/20/16																				
03/21/16																				
03/22/16																				
03/23/16																				
03/24/16																				
03/25/16																				
03/26/16																				
03/27/16																				
03/28/16																				
03/29/16																				
03/30/16																				
03/31/16																				
04/01/16																				
04/02/16																				
04/03/16																				
04/04/16																				
04/05/16																				
04/06/16	85	0	778	148																
04/07/16	85	0	673	152																
04/08/16																				
04/09/16																				
04/10/16	86	0	688	145																
04/11/16	86	0	651	144																
04/12/16																	474	486	5268	768
04/13/16																				
04/14/16																				
04/15/16																				
04/16/16																				
04/17/16													103	204	1990	472				
04/18/16					168	200	2714	173												
04/19/16													110	237	2376	566				

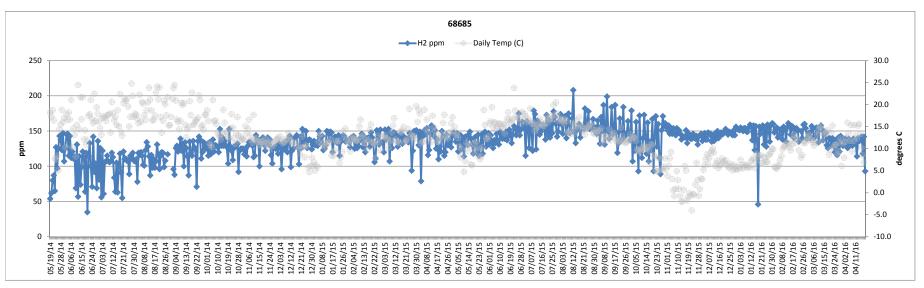
		690	639			69	641			69	642			69	644			69	645	
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N₂O ppm
03/16/16																				
03/17/16																				
03/18/16																				
03/19/16																				
03/20/16																				
03/21/16																				
03/22/16																				
03/23/16																				
03/24/16																				
03/25/16																				
03/26/16																				
03/27/16																				
03/28/16																				
03/29/16																				
03/30/16																				
03/31/16																				
04/01/16																				
04/02/16																				
04/03/16																				
04/04/16																				
04/05/16																				
04/06/16																				
04/07/16																				
04/08/16																				
04/09/16																				
04/10/16																				
04/11/16																				
04/12/16																				
04/13/16																				
04/14/16																				
04/15/16																				
04/16/16																				
04/17/16																	223	351	5259	807
04/18/16	160	173	2955	164					63	98	1483	135	192	228	2487	644				
04/19/16																				

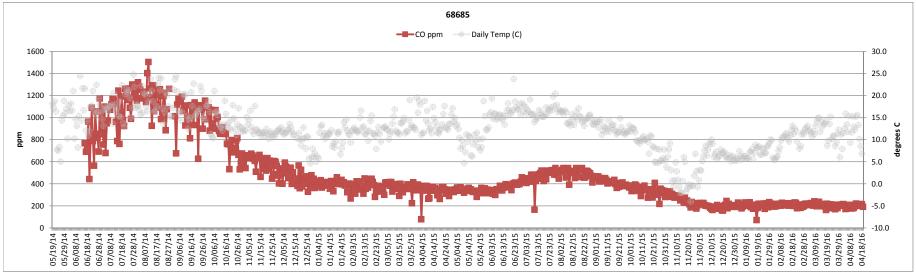
		936	505			94	D68			942	227			SB0	2198			SB0	2203	
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N₂O ppm
03/16/16																				
03/17/16																				
03/18/16																				
03/19/16																				
03/20/16																				
03/21/16																				
03/22/16																				
03/23/16																				
03/24/16																				
03/25/16																				
03/26/16																				
03/27/16																				
03/28/16																				
03/29/16																				
03/30/16																				
03/31/16																				
04/01/16																				
04/02/16																				
04/03/16																				
04/04/16																				
04/05/16																				
04/06/16													548	136	722	270				
04/07/16													618	147	615	275				
04/08/16																				
04/09/16																				
04/10/16	294	340	3692	1133									605	126	688	284				
04/11/16	264	326	3240	994									599	146	666	280				
04/12/16	298	371	3791	1139																
04/13/16					473	668	9245	2093	30	28	107	149								
04/14/16																				
04/15/16																				
04/16/16																				
04/17/16									24	41	143	150								
04/18/16																				
04/19/16									23	42	99	175								

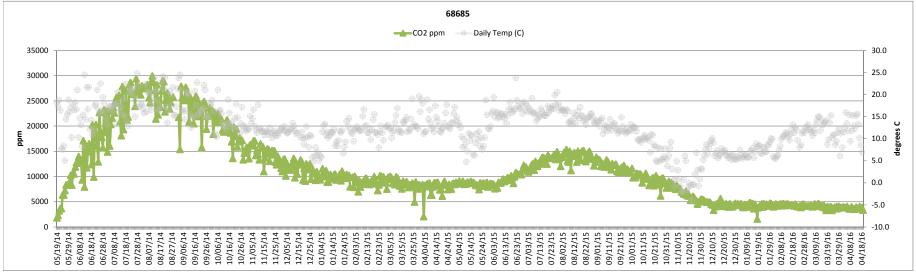
		SB5	0073			SB5	0418			SB5	0431			SB5	0442			SB5	0443	
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
03/16/16					390	301	3425	884												
03/17/16																				
03/18/16																				
03/19/16																				
03/20/16																				
03/21/16																				
03/22/16																				
03/23/16																				
03/24/16																				
03/25/16																				
03/26/16																				
03/27/16																				
03/28/16																				
03/29/16																				
03/30/16																				
03/31/16																				
04/01/16																				
04/02/16																				
04/03/16																				
04/04/16																				
04/05/16																				
04/06/16																				
04/07/16																				
04/08/16																				
04/09/16																				
04/10/16																				
04/11/16																				
04/12/16					406	308	3608	1032									687	619	7162	1358
04/13/16																				
04/14/16																				
04/15/16																				
04/16/16																				
04/17/16																				
04/18/16													232	302	3527	803				
04/19/16																				

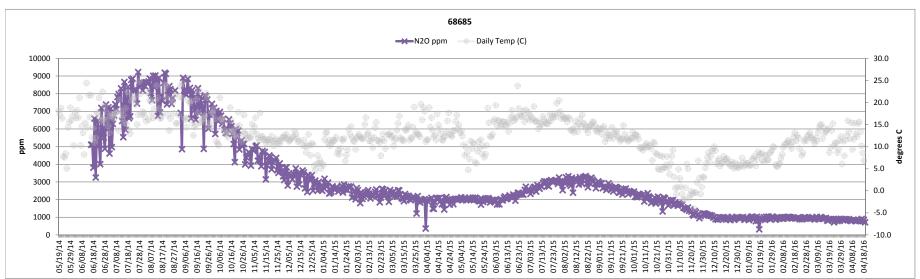
		SB50	0448			SB5	0451			SB5	0529			SB5	0559			87	823	
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
03/16/16	827	538	6583	1114	209	168	2290	271	199	230	2488	350								
03/17/16																				
03/18/16																				
03/19/16																				
03/20/16																				
03/21/16																				
03/22/16																				
03/23/16																				
03/24/16																				
03/25/16																				
03/26/16																				
03/27/16																				
03/28/16																				
03/29/16																				
03/30/16																				
03/31/16																				
04/01/16																				
04/02/16																				
04/03/16																				
04/04/16																	157	119	3094	457
04/05/16																				
04/06/16																				
04/07/16																				
04/08/16																				
04/09/16																				
04/10/16	807	544	6941	1244																
04/11/16	805	576	6803	1209																
04/12/16																				
04/13/16					199	175	2348	269	206	263	2582	423								
04/14/16																				
04/15/16																				
04/16/16																				
04/17/16									209	283	2641	391	450	171	2670	115				
04/18/16																				
04/19/16									210	294	2773	437	479	182	3073	147				

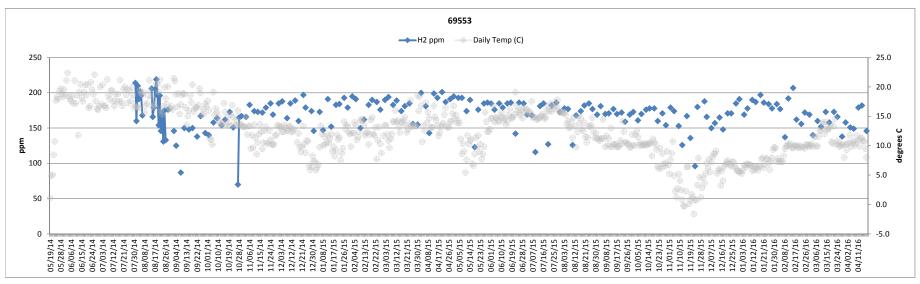
		87	825			87	826			87	827	
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
03/16/16												
03/17/16												
03/18/16												
03/19/16												
03/20/16												
03/21/16												
03/22/16												
03/23/16												
03/24/16												
03/25/16												
03/26/16												
03/27/16												
03/28/16												
03/29/16												
03/30/16												
03/31/16												
04/01/16												
04/02/16												
04/03/16												
04/04/16	146	129	4385	676	176	192	6519	834	45	60	2328	235
04/05/16												
04/06/16												
04/07/16												
04/08/16												
04/09/16												
04/10/16												
04/11/16												
04/12/16												
04/13/16												
04/14/16												
04/15/16												
04/16/16												
04/17/16												
04/18/16												
04/19/16												

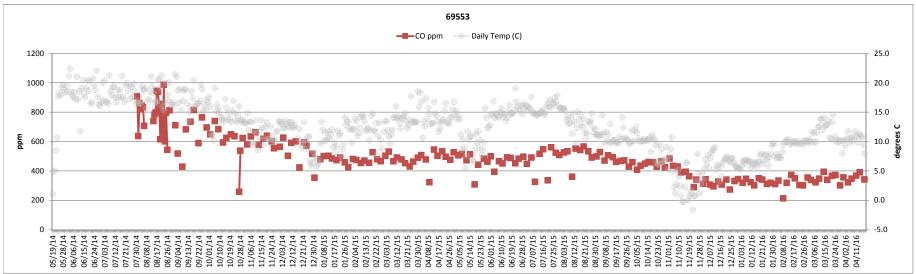


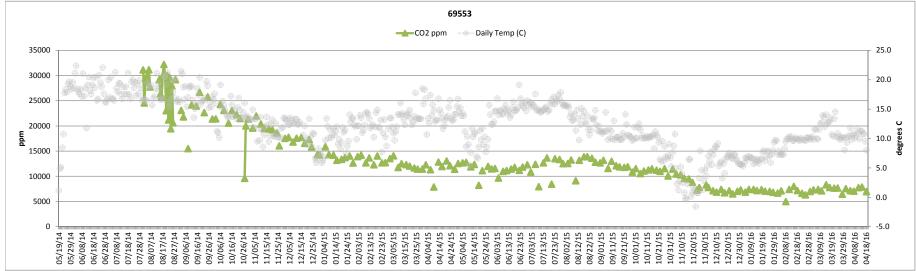


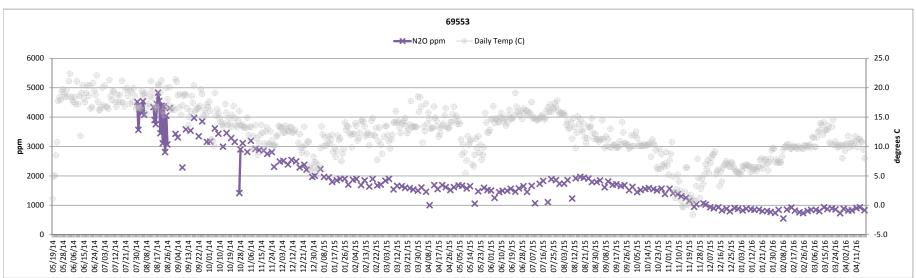


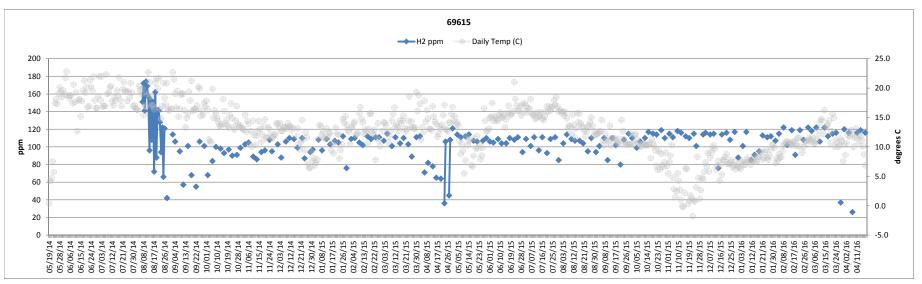


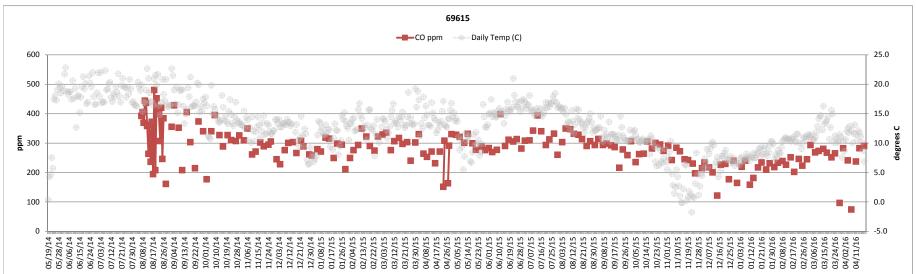


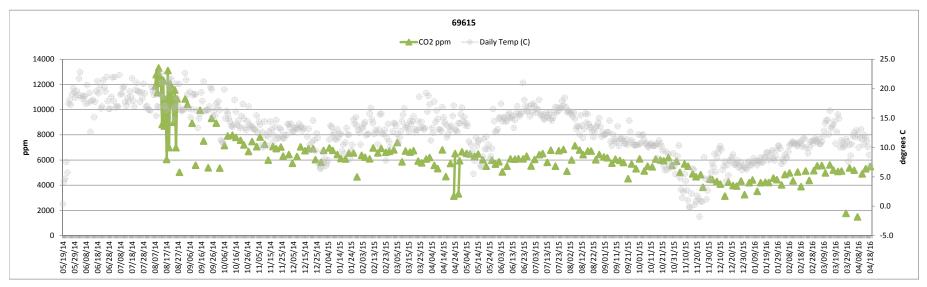


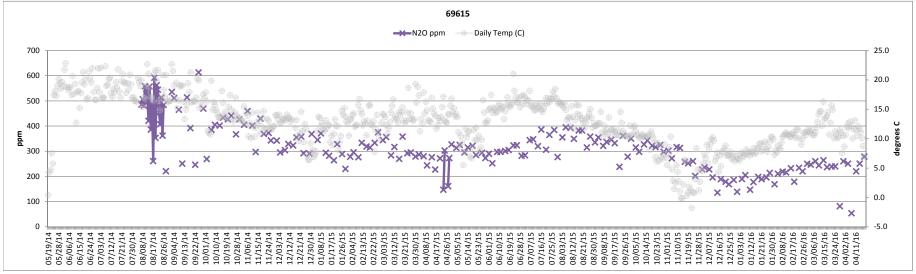


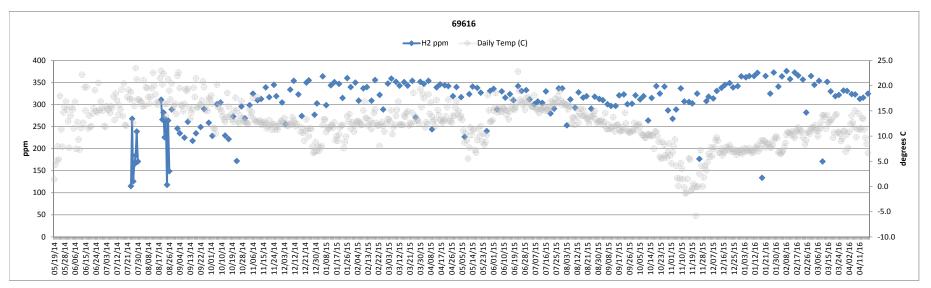


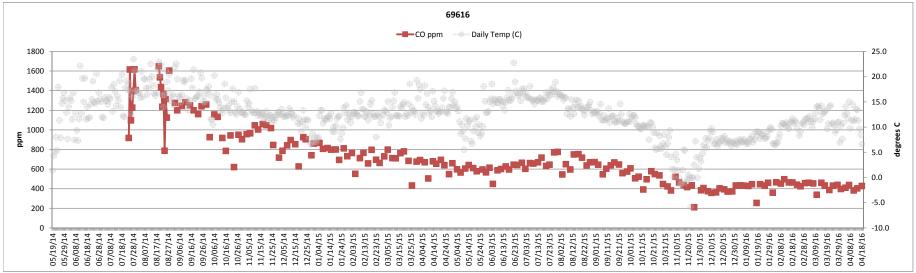


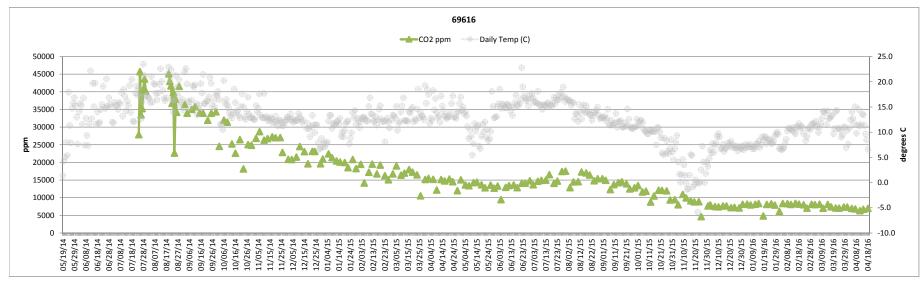


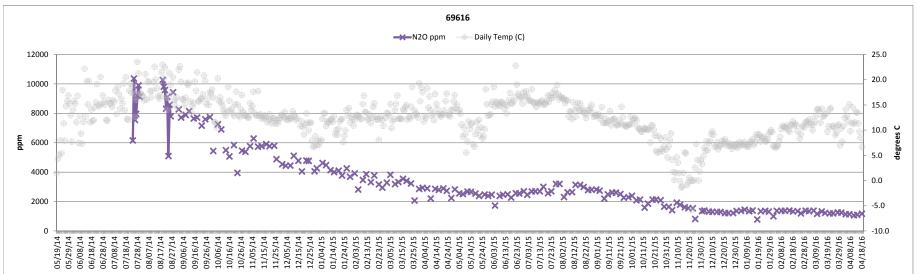


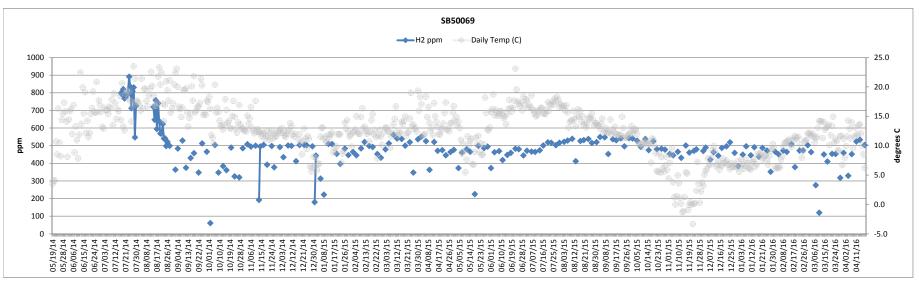


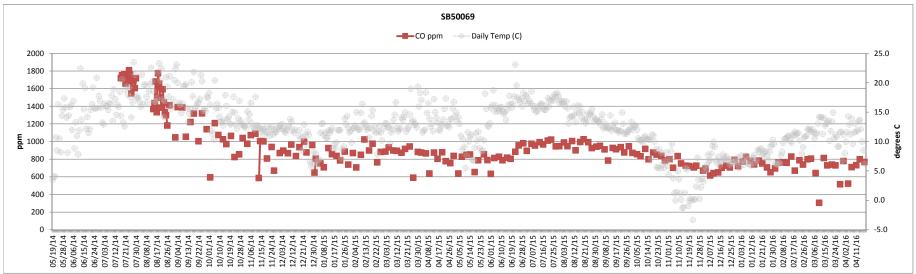


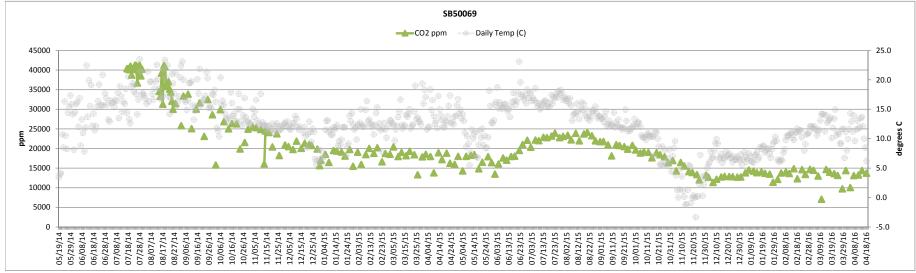


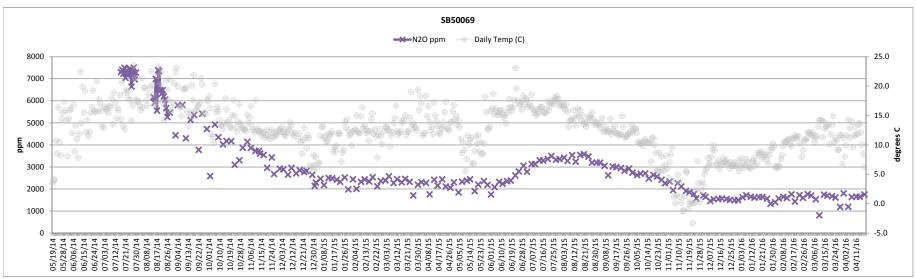


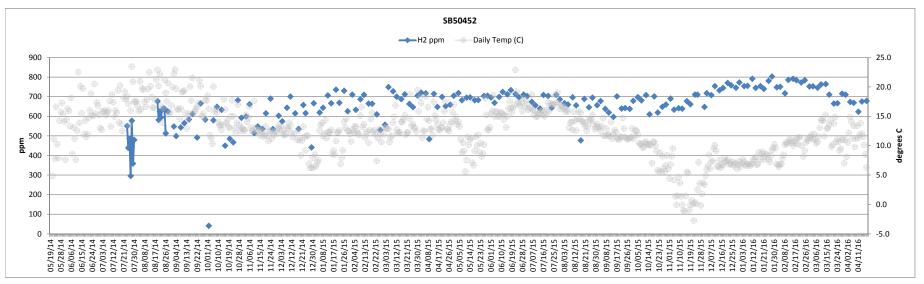


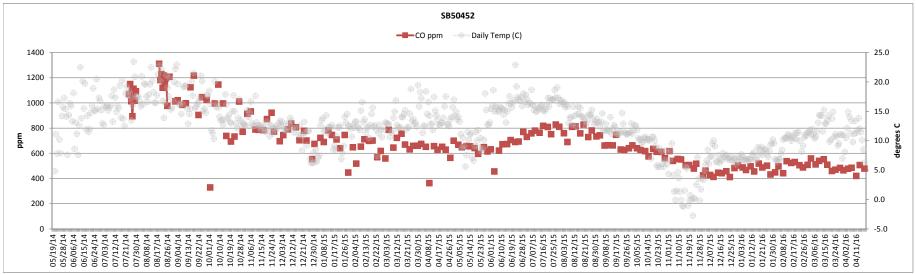


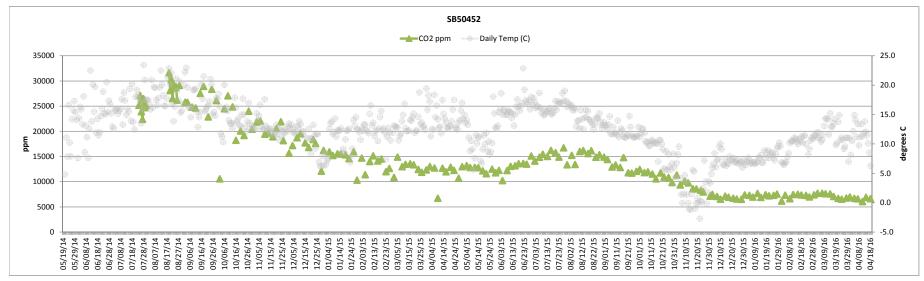


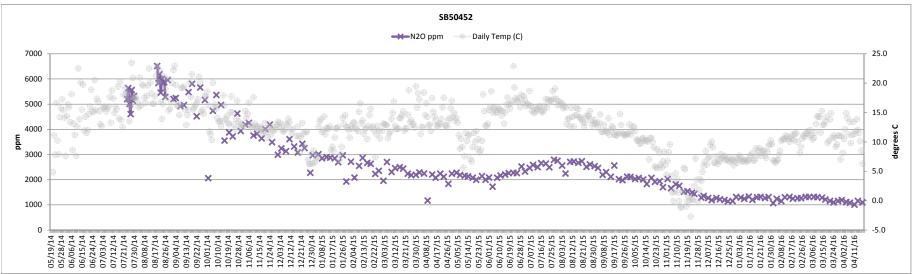


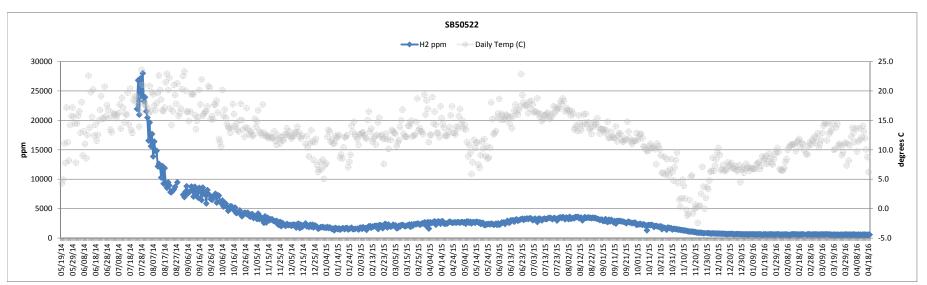


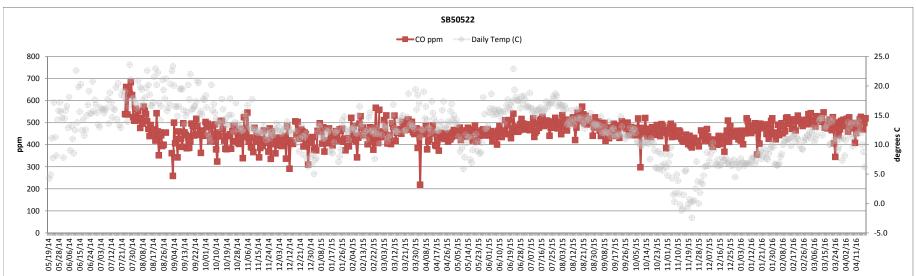


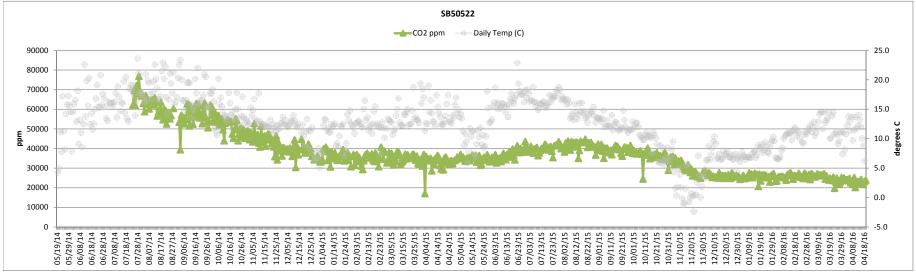


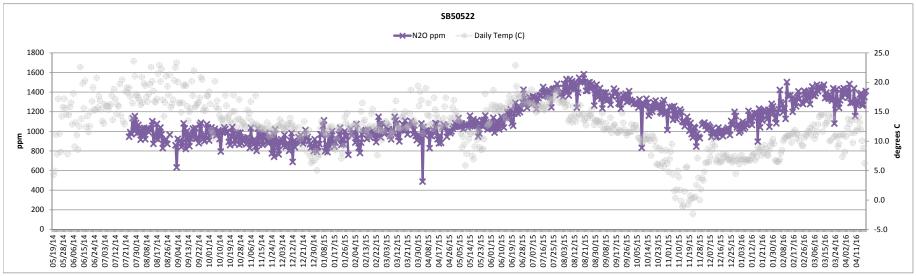












Page:

Document No.: EWMU-AREAG-FU-DUP-1246

Revision:

Effective Date: 11-30-2015

25 of 37

UET

ATTACHMENT 2 Page 1 of 3

TA-54-0375 CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 3-14-14 to 3-20-16

		Monday 6.[4] Start Time: \\\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \	Tuesday 6.[4] Start Time: [32]	Wednesday 6.[4] Start Time:	Thursday 6.[4] Start Time: 1314	Friday 6.[4] Start Time:	Saturday 6.[4] Start Time: 1316	Sunday 6.[4] Start Time: 1305
TA-54-0375 Cell	1	Physical Control				- 110/14/51/F		PORTER PROPERTY.
Calibrated infrared thermometer (4.2[1][B])	d	Brand: Fluke Model: 561 Cal. Due Date: 7-5-16 File Number 169571	Brand: Fluce Model: 56 (Cal. Due Date: 7-5-16 File Number 109571	Brand: Fluck Model: 561 Cal. Due Date: 75-13 File Number 109571	Brand: Clube Model: 561 Cal. Due Date: 7-5-16 File Number	Brand: 11/00 Model: 561 Cal. Due Date 7-5-16 File Number 169571	Brand: Pluce Model: 561 Cal. Due Date: 7-5-14 File Number 109571	Brand: Cluce Model: 56 (Cal. Due Date: 7-5- File Number 109571
Ambient Tempera (6.[5])	ture	61.3 °F	55.3 °F	56.4 of	57.0°F	56.3F	50.4 of	49.5°F
Container ID)#	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
68685		57.5	55.5	5W.2	56.8	57.5	117.6	49.6
	68540	61.4	55.2	5u.0	56.6	58.0	48.1	49,8
LA00000070503	68553	57.6	55.7	56.3	57.0	58.0	49.7	49.6
69445		59.8	55.0	30.8	57.0	58.7	49.6	50.0
69618		59.0	184.7	55.9	56.9	57.7	49.2	51.4
69013		60.9	55.0	8.22	56.5	57.0	49.8	50.6
LASB5052		58.2	54.9	55·U	56.3	58.0	50.0	50.3
LASB5045		59.4	55.5	55.4	56.4	57.7	49.7	50,3
LASB5043		56.9	54.8	22.5	55.6	5711	51.1	49.7
LASB5006		57.2	54.9	20.6	55.9	56.4	50.2	53.2
LASB5007	3	59.0	54.4	54.8	55.2	55.8	489	49.9
69636		56.9	54.7	55.2	55.3	56.5	50.5	50.1
69616		57.6		55.0	55.7	56.0	49.4	51,3
69417		58.7	55.2	55.5	56.3	56.3	49.7	50.0

WORKING COPY Z# 174971 INITIAL OA DATE 3-14-16

Document No.:

EWMO-AREAG-FO-DOP-1246

Revision:

11-30-2015

Effective Date: 26 of 37 Page:

UET

ATTACHMENT 2 Page 2 of 3

6.[4] Date: From 3-14-16 to 3-20-16

0	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Container ID#	Temp (°F) (6.[6]/6.[7])						
TA-54-0375	Zell 1 (continued)	REPORT TO STREET	STATE OF CHARLES		distribution of the	Commence of the second	· 文字》:"是代表的文章和
69620	58.\	54.8	55.2	55.6	57.1	49.6	49.8
69520	52.9	55.1	55.2	56.0	57.2	49,4	49.4
69641	57.7	54.8	55.5	55.6	56.0	49.9	50.5
69298	58.0	54.0	55.3	55.6	57.2	49.8	50.8
LASB02203	56.8	54.4	55.0	55.4	56.2	50.1	49.3
End Time (6.[12])	1334	1327	1318		1328	1320	1311
6.[12]	NDO: NDO:	NDO NDO	NDO: M	NDO:	NDO: NDO:	NDO: NDO:	NDO:

Comments.		 			
	* _ * _ * _ * _ * _ * _ * _ * _ * _ * _				- 19-
			-		
				-	

EWMO-AREAG-FO-DOP-1246 Document No.:

Revision:

Effective Date: 11-30-2015

Page:

27 of 37

ATTACHMENT 2 Page 3 of 3

6.[4] Date:	From	3-14-16	10 3-20-16

6 ft 61 Parformed by		\bigcirc	
6.[16] Performed by	d14970 9A1 3-14-6	Live Awine Drass	waskon at B-17-16
Nitrate Drum Observer (print) Signature	Z# Initials Date	Nitrate Drum (Pherver (print) Signature	Z# Initials Date
Juan Garcia / film	169840 Ad 13-19-16	Time Hours Alignature	- muenta 3.18-16
Nitrate Drum Observer (print) Signature	Z# Withals Date	Nitrate Drum Observer (print) Signature	Z# Initials Date
Juan Garcia of Illani	1898/01 QU 13-15-16	Dual garage / fryger	- 1698401 CH 13-18-16
Nitrate Drum Observer print Signature	Z# (Initials Date	Nitrate Drum Observer (print) Separate	Z# Intrials Date
The Aguirne This de	musm 50+ 13-15-66	Time Harrison Toller	hurn/31-3-19-1
Nitrate Drum Observer (print) Signature	Z# Date III	Nitrate Drum Observer (print) Signature	Z# Initials Date
JUAN Garage If Jan	169040 1131616	Nitrate Down Observer (print) Shapkure	ALCON 1898 (0) (49 13-19-(1) Z# (1891) Date
Nitrate Drum Observer (print) Signature	Z# Initial's Date	The Harris May	-> brand 3-2016
Nitrate Drum Observer (print) Signature	Z# Initials Date	Nitrate Drum Observer (print) Signature	Z# Initials Date
Edward Parker I Soland Purham	1/00497 EP 3-17-16	- Van Gurcia Alta	- NE9840: Al 13-20-
Nitrate Drum Observer (print) Signature	Z# Initials Date	Nitrate Drum Observer (print) Sygnature	Z# Mittals Date
10 1021 Reviewed by			

UET

	1		1	1	
SOM or designee (print)	Signature	Z#	Initials	Date	

loring

Document No.: EWMO-AREAG-FO-DOP-1246

Revision:

Page:

Effective Date: 11-30-2015

28 of 37

ATTACHMENT 3
Page 1 of 3

TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 3-14-16 to 3-20-16

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	6.[4]	6.[4]	6.[4]	6.[4]	6.[4]	6.[4]	6.[4]
	Start Time: 1335	Start Time: 1308	Start Time: 13/9	Start Time: 1321	Start Time: _1333	Start Time: 1325	Start Time: 1312
TA-54-0375 Cell 2							10 T. 10 T. 10 T.
Calibrated infrared thermometer (4.2[1][B])	Brand: Fluce Model: 561 Cal. Due Date: 7-8-16	Brand: Fluce Model: 561 Cal. Due Date: 7-7-16	Brand: fluce Model: 56 Cal. Duc Date: 7.8.16	Brand: Fluke Model: 561 Cal. Due Date: 7-8'-16	Brand: Fluke Model: 561 Cgl. Due Date: 7-8-16	Brand: Fure Model: 561 Cal. Due Date: 7-8-(L	Model: 561 Cal. Due Date: 7-7-0
	Cal. Due Date: 7-8-11 File Number 7095	Cal. Due Date: 1-9-16 File Number 10-1511	Cal. Due Date: 1.8.16 File Sumber / 200	Cal. Due Date: 1-8-16 File Kuniber 1957	Cal. Due Date: 7-8-16	File Number 10 1916	File Number 101916
Ambient Temperature (6.[5])	56.3 °F	22.9.t	75.7°F	56.3 °F	59.1°F	521 °F	<u>52.5</u> °F
Container ID #	Temp (°F) (6,[6]/6,[7])	Temp (°F) (6,[6]/6,[7])	Temp (°F) (6,[6]/6,[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
LASB02198	56.8	54.8	54.9	55.1	56.1	50.6	509
68638	56.9	55.3	56.0	56.2	55.8		50.3
69615	61-3	55.9	N.04	57.0	58.1	51.2	54.8
69635	58.9	54.5	54.8	57.9	56.3		52.3
69642	59/2	57.0	57.6	58.9	58.6		51.8
69630	59.1	57.5	57.7	58.4	59,4		52.6
69633	58.1	54.2	5w.5	59.7	57.0		52.0
68430	58.9	57.1	572	57.5	58.5	51.3	519
68631	55.1	5 le. 1	55.9	56.7	58.0	50.7	51.2
69634	55.3	55.3	55.5	55.9	55.3	50.7	50.8
68567	56.9	55.0	54.8	55.2	1 3-18-4 56.4	50.8	51.1
94227	57.3	55.0	55.6	56.1	×57.8 57.9	50.8	511
LASB50442	58.1	510.5	al.3	57.1	579	51.1	51.7
69644	57.9	56.0	56.4	56.6	57.8	51.2	51.3
LASB50443	57.0	56.6	56.9	57.2	59.4	51.7	52.0
69638	57.9	50.4	54.10	56.8	56.3	51.5	52.9

WORKING COPY

Z# 11411

INITIAL OA DATE 3-14-16

UET

Document No.:

EWMO-AREAG-FO-DOP-1246

Revision:

11-30-2015

Effective Date: Page:

29 of 37

ATTACHMENT 3 Page 2 of 3

6.[4] Date: From 3-14-16 to 3-20-16

UET

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6,[6]/6,[7])
itinued)	T-15 (57 K) 1573 (SE PARTA E SARAN	The street of the street
57.8	56.3	55.8	57.2	58.0	51.1	50.7
56.0			56.6	60.7	50.7	51.1
57.4				58.1	50.8	51.4
57.3				56.3	51.2	50.7
56.7				57.0	50.8	50.8
57.8		55.9	56.8	57.4	50.7	50.9
58.5	510.3	54.5	57.2	57.6	51.1	517
57.2	55.9		56.4	55.6	51.6	51.5
58.2	57.0	57.1	57.9	57.3	51.4	51.8
1340	1333	1324,	1329	1338	1330	1317
NDO: NDO:	NDO: I)	NDO: M	NDO: PP	NDO: A	NDO: NDO:	NDO: NDO:
	Temp (°F) (6.[6]/6.[7]) itinued) 57.8 56.0 57.4 57.3 56.7 57.8 58.5 59.5 59.5	Temp (°F) (6.[6]/6.[7]) itinued) 57.8 56.0 56.8 57.4 55.9 57.3 54.9 57.8 56.7 55.3 57.8 56.7 55.9 58.5 56.3 57.2 55.9 58.2 57.0 13.40 1333	Temp (°F) (6.[6]/6.[7]) (6.[6]/6.[7]) itinued) 57.8 56.0 56.8 516.9 57.4 55.8 55.8 57.3 54.9 55.8 57.8 56.7 56.3 56.0 57.8 56.9 56.0 57.8 56.9 56.0 57.8 56.9 56.0 57.8 56.9 56.0 57.8 56.9 56.0 57.8 56.9 56.0 57.8 56.9 56.0 57.8 56.9 56.0 57.8 56.9 56.0 57.8 56.9 56.0	Temp (°F) (6.[6]/6.[7]) (6.[6]	Temp (°F) (6.[6]/6.[7]) (6.[6]	Temp (°F) <

	**		

Z#

Initials Date

Document No.: EWMO-AREAG-FO-DOP-1246

Revision:

Effective Date: 11-30-2015

Page:

30 of 37

ATTACHMENT 3
Page 3 of 3

6.[4] Date: From 3-14-16 to 3-20-16

SOM or designee (print)

Signature

Nitrate Drum Observer (print) Signature Nitrate Drum Observer (print) Sharature Nitrate Drum Observer (print) Signature Nitrate Drum Observer (print) Signature	Z# Initials Date 1/98401	Nitrate Drum Observer (print) Signature Nitrate Drum Observer (print) Signature	Z# Initials Date Z# Initials Date Z# Initials Date / 169840 / 13-19-1 Z# Initials Date
			Z# Initials Date / 1698 (Initials Date Z# Initials Date



Document No.: EWMO-AREAG-FO DOP-1246

Revision:

Effective Date: 11-30-2015

31 of 37 Page:

UET

ATTACHMENT 4

Page 1 of 3

TA-54-0375 CELL 3 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 3-14-16 to 3-20-16

	Monday 6.[4] Start Time: <u>1324</u>	Tuesday 6.[4] Start Time: 1310	Wednesday 6.[4] Start Time: 1308	Thursday 6.[4] Start Time: 1309	Friday 6.[4] Start Time: <u>1318</u>	Saturday 6.[4] Start Time: 130 6	Sunday 6.[4] Start Time: <u>1</u> 300
TA-54-0375				THE WASTERNAME.			STANS THE
Calibrated infrared thermometer (4.2.[1][B])	Brand: Fluce Model: _56 Cal. Due Date: 10-21-16 File Number 10-371	Brand: Fluce Model: 561 Cal. Due Date: 1071-16 File Number 10 7811	Brand: Fleke Model: 36 (Cal Due Date: 10-21-16 File Number 1075-1	Brand: Fluce Model: 561 Cal. Due Pate: 10-21-16 File Number 109571	Brand: Fluke Model: 561 Cal. Due Date: 10-21-16 File Number 1775	Brand: Fluce Model: 5 6 1 Cal. Due Date: 1021-12 File Number 101912	Brand: Fluk e Model: 561 Cal. Due Date: 10-21-16 File Number 101912
Ambient Temperature (6.[5])	58.6°F	54.6°F	54.7 °F	55.9°F	57.6°F	<u>489°</u> F	49.7 °F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
69519	58.2	54.4	54.7	55.1	57.2	52.0	50.3
69645	57.	54.8	55.1	55.6	58.0	50.0	50.3
94068	57.2	54. V	54.4	54.8	57.2	49.8	49.8
93605	58.2	55.2	55.4	55.8		519	49.7
69548	57.7	55.2	55.0	. 55.2	58.0	49.3	52.4
69604	57.5	54.3	54.3	55.2	57.4	49.8	49.8
LASB50529	57.0	54.5	54.5	55.1	55.5	499	49.4
LASB50418	57.7	54.7	26.5	55.7	57.1	49.5	51.2
69036	59.2	511.7	55.D	55.6	58.0	49.0	49.6
LASB50451	52.2	54.9	55.1	55.3	58.1	49.5	49.8
69559	57.1	64.5	54.6	54.8	58.1	49.5	49.4
LASB50448	57.1	54.3	54.6	54.7	57.2	50.2	49.5
87827	59.9	55.5	50.2	56.3	57.5		509

WORKING COPY

Z# 174977 INITIAL OA DATE 3-14-16

Page:

EWMO-AREAG-F DOP-1246

Revision: Effective Date:

11-30-2015 32 of 37

UET

ATTACHMENT 4 Page 2 of 3

6.[4] Date: From 3-14-16 to 3-20-16

Container ID#	Temp (°F) (6.[6]/6.[7])						
TÁ-54-0375	(Cell 3 (continued)			MILLIAN TO THE SELL	en ingger het visit	STATE POST IN	2010/2017/2018/6/
87826	59.3	55.10.16.16	510.00	56.5	58.4	50.2	49.3, 3-20-16
87823	58.7	530657	56.6	56.9	58.0	51.5	49.3 49.9
87825	59.2	22.8	56.9	57.5	59.1	49.8	49.9
End Time (6.[12])	1328	1391	13/2	13/3	1322	1316	1304
6.[12]	NDO: 13280	NDO-UN	NDO	NDO: FP	NDO: AV	NDO: NDO:	NDO: 967

Comments:	 	 	

Z#

Initials Date

Document No.: EWMO-AREAG-FQ-DOP-1246

Revision:

Effective Date: 11-30-2015

Page: 33 of 37

ATTACHMENT 4
Page 3 of 3

6.[4] Date: From 3.14-16 to 3-20-16

Signature

SOM or designee (print)

6.[16] Performed by:	
Ti A i A A A A A A BROWN CH IS IN I	Two taying or was to war were got 3-17-16
Nitrate Drum Observer (print) Signature (X) Z# Initials Date	Nitrate Drum Observer (priot) Signatura . Z# Initials Date
Juan (marcial tres las 169840164 13-14-16	Tivatiquirie the sea Dygnof 3-18-16
Nitrate Drum Observer (print) Signature / / Z# (phtials Date	Nitrate Drum Operver (print) Signature Z# Initials Date
Juan (zarcia 1 / Spant 1191840 164 1/3-15-16	JUAN GARCIA JANGA 1698901 GN 13-18-16
Nitrato-Brum Observer (print) Signature Z# (Initials Date	Nitrate Drum Observer (print) Siplature Z# Ihitlals Date
Qua traine House a shigh tof 113-6.16	two formetina Ase . To man of B talk
Nitrate Drum Observer (print) Signature Z# Initials, Date	Nitrate Drum (Dierver (print) Signature Z# Initials Date
Nam Parais 1/ 19872 189810 1/1 3-16-16	JUN (7684) (JOD- 1169840) /kg 13-18-18
Nitrate Drum Observer (print) Signature Z# Unitals Date	Nitrate Drum Observer (print) Signature Z# Whitals Date
Matainatha James METTON 3-1616	Nitrate Drum Observer (print) Signature X Z# Initials Date
Nitrate Drum Observer (print) Signature Z# Initials Date	1 100 1000 1000 11 11
Edward Karres 1 4hm Value 1804971 EP 1 3-17-16	Nitrate Drum Observer (print) Signature Z# Apiyais Date
Nitrate Drum Observer (print) Signature Z# Initials Date	Whate Drum Observer (Jimit) Signature
10.1[2] Reviewed by:	

Document No.: EWMU-AREAG-FU-DUP-1246 Revision:

Page:

Effective Date: 11-30-2015

25 of 37

UET

ATTACHMENT 2 Page 1 of 3

TA-54-0375 CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 3-21-16 to 3-27-16

		Monday 6.[4] Start Time: <u>1320</u>	Tuesday 3-26[4] Start Time: 33	Wednesday 6.[4] Start Time:	Thursday 6.[4] Start Time: トラング	Friday 6.[4] Start Time:	Saturday 6.[4] 32b Start Time:	Sunday 6.[4] Start Time: 1306
TA-54-0375 Cell	1	经营业的企业	egisted to the sthering	THE PROPERTY OF	The state of the s	(3-10)57(370)111/2/15	WELL MEINS	
Calibrated infrared thermometer (4.2[1][B])		Brand: Fluke Model: 561 Cal. Due Date: 7-5-16 File Number 101974	Brand: Fluce Model: 561 Cat. Due Date: 7-5-16 File Number 101974	Brand: Fluce Model: 561 Cal. Due Date: 7-5. ll File Number 101974	Model: 561 Cal. Due Date 7-5-16 File Number 101974	Brand: Fluke Model: 56 Cal. Due Date: 7-5-16 File Number 101974	Brand: Falce Model: 561 Cal. Due Date: 7516 File Number 10197.4	Brand: Clube Model: 56 1 Cal. Due Date 7-801 File Number 101974
Ambient Tempera (6.[5])	ture	58,0 °F	52794 60.0	50.1 °F	51.7 °F	51.9 of	47.8°F	48.2 °F
Container ID) #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
68685		56.5	57.9 59,4 030	50.4	545	51.6	47.5	48.9
LA00000070503	68540 68553	56555.90 559 59.00	58.0 60.30 Th		51.7	51.9	47.9	49.7
69445		55.0598373	58.659.80 mil		52.3	52.2	49.1	49.5
69618		59.5 57.000 518	59.9 60.00 has	b 51,1	52.1	51.7	48.0	49.0
69013		-57.2 57. 2° 21"	58.T 59.30037	543	51.6	51.3	488	49,2
LASB5052		57.2 56.90x32"	57.8 58. Buy 2	W51.4	51.9	51, 3	48.4	49.3
LASB5045		56.9 56.8 4 521	589 588al 97	51.2	52.0	51.3	48.5	49.2
LASB5043		56.856.98kg21.10	56.3 5830har	57.0	51.6	50.9	48.3	48.7
LASB5006		569 56.10 32.10	58 2 58 82 1		52.1	51.4	48.5	48.5
LASB5007	3	56.1	58.5 58 Day	50.9	51.0	50.9	483	48.8
69636		56 it 57,49h = 22-16	59.9 57,00440	540	51.8	51.6	48.6	49.3
69616		57.4	583 57.82	51.2	51.5	50.7	48.2	49,1
69417		57.5	58.4 59,00kg=2	50.9	51.5	51.6	48.8	49.3

WORKING COPY Z# NUA 11 INITIAL CA DATE 3~2416

EWMO-AREAG-FO-DOP-1246 Document No.:

Revision:

11-30-2015

Effective Date: 26 of 37 Page:

ATTACHMENT 2
Page 2 of 3

6.[4] Date: From 3-21-16 to 3-22-16

0	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Container ID#	Temp (°F) (6.[6]/6.[7])						
TA-54-0375'	Cell L (continued)	Succession and American	Late and Forest				Commence of the latest
69620	57.6	57.0	50.7	51.3	51.4	489	49.3
69520	57.1	58.1	50.6	51.3	51.0	48.6	49.3
69641	56.4	58.9	58.9	51.6	51.0	48.8	48.5
69298	55.6	59.0	50.8	51.5	50.9	48.8	487
LASB02203	55.6	51.9	50.8	51,2		48.5	48.5
End Time (6.[12])	1326	1337	1321	1326	1752-1352	1331_	1310
6.[12]	NDO: NDO:	NDO:	NDO: Lin	NDO:	NDO: W S NDO: Y	NDO: CAPL	NDO: COL

Comments.			 	
		<u></u>		

Z#

Initials Date

Document No.: EWMO-AREAG-FO-DOP-1246

Revision:

Effective Date: 11-30-2015

30 of 37 Page:

ATTACHMENT 3 Page 3 of 3

6.[4] Date: From 3-21-16 to 3-22-16

Signature

SOM or designee (print)

Nitrate Drum Observer (print) Signature Nitrate Drum Observer (print) Signature Z# Initials Date	6.[16] Performed by:	numant 3-21-16	fun montox	119152 61 154	13-242
Nitrate Drum Observer (print) Signature Z# Initials Date			Nitrate Drum Observer (print) Signature	Z# Initials	Date
Nitrate Drum Observer (print) Signature Z# Initials Date		** /1/	Willie Solge Hollan	10206191 WS	13-25-1
Nitrate Drum Observer (print) Signature Z# Initials Date			Nitrate Drum Observer (print) Signature	Z# Initials	L Bale 521
Nitrate Drum Observer (print) Signature Z# Initials Date			Time Aduice the Ass		326-16
Nitrate Drum Observer (print) Signature Z# Initials Date	Nitrate Drum Observer (print) Signature		Nitrate Drum Observer (print) Signature	Z# Initials	
Nitrate Drum Observer (print) Signature Z# Initials Date Nitrate Drum Observer (print) Signature Nitrate Drum Observer (print) Signature Z# Initials Date			Tiva Achica The Ann	LAYEMOA	-BZ6-L
Nitrate Drum Observer (print) Signature Z# Initials Date				Z# Initials	Date
Nitrate Drum Observer (print) Signature Z# Initials Date Nitrate Drum Observer (print) Signature Nitrate Drum Observer (print) Signature Z# Initials Date			Willics. Constact for	16128071 (02	13.260
Nitrate Drum Observer (print) Signature Z# Initials Date Nitrate Drum Observer (print) Signature Z# Initials Date Nitrate Drum Observer (print) Signature Z# Initials Date	Nitrate Drum Observer (print) Signature			Z# Initials	Date
Nitrate Drum Observer (print) Signature Z# Initials Date Nitrate Drum Observer (print) Signature Z# Initials Date	,		Time Acuirre the Aco	& husma	-13-22-lb
11/1/1 = 1 = 2 1 1/1/19/14 1 12:22	Nitrate Drum Observer (print) Signature			Z# Initials	Date
111 How Ma - 1110 to a COMMONNIL 12-211-16 WILL I Town The COTTON TO THE TOWN THE CONTRACT OF THE TOWN THE COTTON TO THE COTTON TOWN THE COTTON THE COT	Time How me Rue to wes	- MERTIAL 13-24-16	Willie 3 Port 42016	1112907111	13-27-6
Nitrate Drum Observer (print) Signature Z# Initials Date Nitrate Drum Observer (print) Signature Z# Initials Date	Nitrate DrumObserver (print) Signature		Nitrate Drum Observer (print) Signature	Z# Initials	Date
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				

Document No.: EWMO-AREAG-FO-DOP-1246

Revision:

Effective Date: 11-30-2015

28 of 37 Page:

ATTACHMENT 3 Page 1 of 3

TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 3-21-16 to 3-27-14

			gal	l -			
	Monday 6.[4] Start Time: \(\frac{13}{2} \)	343 Tuesday 6.[4D*322* Start Time: 4328	Wednesday 6.[4] Start Time: 132 \(\frac{1}{3}2\)	Thursday 2 6.[4] (321 Start Time: 1339 CH 3-29-16	Friday 6.[4] Start Time: _/357	Saturday 332 6.[4] Start Time: 4332	Sunday 6.[4] Start Time: <u>131</u>
TA-54-0375 Cell 2	AND MARKET	INTERNATION OF THE PROPERTY OF	40 3-24-16	विस्मृत्यन			VALUE OF THE PARTY OF THE PART
Calibrated infrared thermometer (4.2[1][B])	Brand: Fluce Model: 56 Cal. Due Date: 7-8-16 File Number 01916	Model: 561 Cal. Due Date: 78-15 File Number LOGIG	Model: 561 Cal. Due Date: 7-8-16 File Number 101916	Brand: Auke Model: 561 Cal. Due Date: 7-8-16 File Number 10(916	Brand: Fluce Model: 561 Cal. Due Date: 7-8-16 File Number 10(916	Brand: Fluce Model: 36 Cal. Due Date: 2-846 File Number 101216	Model: 561 Cal. Due Date: 7-3-U File Number 1019U
Ambient Temperature (6.[5])	58.5_°F	56.8 °F	50._°F	File Number 10(416	<u>49.7</u> °F	49.5°F	49.5°F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
LASB02198	563	57.4	50.1	51.50,10451.4	50.7	50.3	50.5
68638	56.9	51.7	50.3	5to 037 1151.3	50.0	50.0	50.4
69615	60.1	58.9	50.1	5t. 9000 1 52,2	51.2	50.1	50.6
69635	58.3	59.0	51.8	527 CM > 518	51.8	50.1	50.7
69642	58.7	59.6	51.4	The day	2	50.3	51,0
69630	585	59.2	51.5	51.50 0 V 520	51.8	49.9	50.6
69633	58.1	59.3	517	5190 324 522	51.4	50.1	50.6
68430	51.2	59.9	518	52.0 42 52.0	51.5	50,2	50.5
68631	57.7	58.4	51.2	51. Cara 151.8	51.0	51.1	50.6
69634	55.5	52.6	50.4	50. Ph324 51.4	50.4	50.1	49.1
68567	57.2	58.3	50.7	51.000 10564	50.2	50.5	49.0
94227	57.1	57.6	50.5	51.80 30 4527 51.80 30 4527 52.00 31 52.0 51.00 30 51.9 52.00 30 51.9 51.00 30 51.9 51.00 30 51.7 51.50 30 51.7	51.6	50.4	49.5
LASB50442	57.6	59.4	50.6	51.300,30 51.8	50.3	50.7	50.6
69644	56.5	58.1	51.2	519	50.9	50.7	50.5
LASB50443	57.4	58.1	51.1	52.0	51.4	50.6	50.5
69638	56.9	57.6	51.3	51.8	50.8	50.9	50.4

WORKING COPY Z# MYGM DATE 3-21-16

EWMO-AREAG-FO-DOP-1246

Revision: Effective Date:

11-30-2015

Page:

29 of 37

ATTACHMENT 3 Page 2 of 3

6.[4] Date: From 3-21-16 to 3-27-16

UET

Comments:

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Container ID #	Temp (°F) (6.[6]/6.[7])						
TA-54-0375 Cell 2 (co	ontinued)			SERVICE SERVICE	BUTTE WATER NO	1/2/19/04/15/70/5	
68624	57.6	588	51.0	52.7	51.1	50.9	50.0
68507	56.4	59.8	51.3.00011	51,6	50.3	50.6	50.0
69568	57.3	59.1	50.8	51,9	50.6	50.5	50.0
69553	56.0	58.2	503504	51.5	50.5	49.7	50.0
69598	54.3	52.1	50.3 43-28-16	51.4	50.5	50.0	49.6
LASB50559	57.7	55.9	50.850,3 mil		56.3	499	49.5
69015	57.5	59,1	5 550.8	51.4	50.7	50.6	50.1
69639	56.4	58,6	51.5	51.6	50.7	50.5	50.0
69637	59.0	59.0	50.3	51.6	51.0	50,4	50.8
End Time (6.[12])	1333	1348	1326	1331 WY 72 to 1331	1401	151 137 3V	1315
6.[12]	NDO: SA NDO:	NDO:	NDO: Les	NDO: CM	NDO: US	NDO: SA NDO SAL	NDO: CAC

EWMO-AREAG-FO-DOP-1246

Revision:

Effective Date:

11-30-2015

Page:

27 of 37

ATTACHMENT 2 Page 3 of 3

6.[4] Date: From 3-21-16 to 3.27-16

6.[16] Performed by				
Tima Aguirre hunter	Tren 10+ 13-21-16	han mention	11915011	13.2446
Nitrate Drupe Observer (print) Signature,	Z# Initials Date	Nitrate Drum Observer (print) Signature	Z# Initials	Date
Juan Taraa Attain	11698401 Ad 13-21-16	Williesday Atti	10908191 WS	13-25-16
Nitrate Drum Observer (print) Signature	Z# /initials Date	Nitrate Drum Observer (print) Signature	Z# Initials	Date
Tima Aguirre Master	hygniat 13-22-16	Ting Hours rettundance	SINGE CII	130260
Nitrate Drum Opserver (print) Signature	Z# Initials Date	Nitrate Drum Observer (print) Signature	Z# Initials	Date
Just Galia / Mantheria	11698401 AN 13-22-16	I'mat sur crethe the	MARTINA	12-26-60
Nitrate Drum Observer (print) Signature	Z# (Intrals Date	Nitrate Drum Observer (print) Signature	Z# Initials	Date
Ting Aguirre Att Aguir	-Mygna4 13-23-16	Wills 5 Conta 25 In	1012507120	13-26A
Nitrate Drum Observer (print) Signature	Z# Initials Date	Nitrate Drum Observer (print) Signature	Z# Initials	Date
from martogal	V91526 Hun 13-23-16	Ting Againg Theodor is	manaA	3-27-16
Nitrate Drum Observer (print) Signature	Z# Initials Date	Nitrate Drum Observer (print) Signature	Z# Initials	-
Tiva Aguirra Mua An	Mygn QA-13-24-16	Willies. Cel Will	11129A 1CR	15-27-16
Nitrate Drum Observer (print) Signature	Z# Initials Date	Nitrate Drum Observer (print) Signature	Z# Initials	
10 1521 P - 1 - 11				

10.1[2] Reviewed by:

	/	/	1	1	
SOM or designee (print)	Signature	Z#	Initials	Date	



Document No.: EWMO-AREAG-FO-DOP-1246

Revision:

Effective Date: 11-30-2015

Page:

31 of 37

ATTACHMENT 4
Page 1 of 3

TA-54-0375 CELL 3 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 3-21-16 to 3-27-16

	Monday 6.[4] Start Time:/31.5	Tuesday 6.[4] Start Time: 1321	Wednesday 6.[4] Start Time: 1312	Thursday 6.[4] Start Time: 13 13	Friday 6.[4] Start Time: 1334	Saturday 6.[4] 1321 Start Time: 1321	Sunday 6.[4] Start Time: \(\lambda 300
TA-54-0375	Cell 3	AT SEMENATION OF S	SASTRUS LINES OF	ASSAULT AND AND AND A	THE STREET STREET	No Visit of Park	
Calibrated infrared thermometer (4.2.[1][B])	Model: 561 Cal. Due Date: 10:2146 File Number 10(912	Brand: Fluke Model: 36 \ Cal. Due Date: 021-11= File Number 01912	Brand: <u>Clube</u> Model: <u>56</u> Cal. Due Date: <u> 0.21.1</u> 5 File Number <u> 10 9 2</u>	Brand: Fluke Model: 56 Cal. Due Date: 16-21-16 File Number 101912	Brand: Fluce Model: 561 Cal. Due Date: 10-21-16 File Number 10-19-12	Brand: FUSCE Model: 561 Cal. Due Date: 1021-16 File Number 10912	Brand: Fluc & Model: 561 Cal. Due Date: 10-2116 File Number 101912
Ambient Temperature (6.[5])	57.2 °F	56.9 °F	<u>49.9</u> °F	50.8°F	<u>51.1</u> ∘F	48.9 °F	48,2°F
Container ID #	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
69519	56.6	57.9	50.1 - 23-4	50.4	51.0	49.5	48.5
69645	57.2	56.3	50.630.4	51.0	51.0	48.7	49.0
94068	56.9	58.0	50.7	50.9	51.7	49.2	49.1
93605	58.2	58.6	50.9	511		49,3	48.9
69548	55,4	58.9	50.8	51.0	51.2	49.1	4.8.9
69604	55.9	58.1	50.3	50.9	51.2	48.6	49.1
LASB50529	55.4	57.8	50.5	509	52.1	49.6	49.0
LASB50418	57.9	58.9	50.3	51.5	51.1	18.3	48.8
69036	56.9	56.3	50.3	50.7	51.2	48.8 48.1	488
LASB50451	569	58.2	50.4	51.1	51,4	48.8	490
69559	554	58.5	509	51.1	51.2	49.0	49.0
LASB50448	57.7	524	50.9	51.1	51.4	49.2	49.4
87827	578	58.3	503	51.2	51.9	49.3	48.9

WORKING CUPY Z# 174977 DATE 3-21-16 INITIALOA

Document No.: EWMO-AREAG-F-DOP-1246

Revision:

11-30-2015

Effective Date: 32 of 37 Page:

ATTACHMENT 4
Page 2 of 3

6.[4] Date: From 3-21-16 to 3-27-11

Container ID#	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])				
TA-54-0375	(Cell 3 (continued)	如此社会和公司经验的			March States		
87826	57.9	58.4	51.0	51,2	51.4	48.7	48.9
87823	57.9	58.6	50.1	51,3	8 51.7	48.9	49.0
87825	58.5	60.1	49.9	51.5	52.1	49.0	49.0
End Time (6.[12])	1319	_(33	1316	1317	1343	1325	1305
6.[12]	NDO: SA	NDO: NDO:	NDO: Lan	NDO:	NDO: W.S. NDO A	NDO: COX	NDO: Col

Comments:					
	-		 		
			 	+	
			 		

Z#

Initials Date

Document No.: EWMO-AREAG-FO-DOP-1246

Revision:

Effective Date: 11-30-2015

Page:

33 of 37

ATTACHMENT 4 Page 3 of 3

6.[4] Date: From 3-21-16 to 3-27-16

Signature

6.[16] Performed by:			
Time Aqui me Tun Asle	Mugnat 3-21-16	Lun mon John the	11915261 @ 12-643
Nitrate Drum Oserver (print) Signature	Z# Initials, Date	Nitrate Drum Observer (print) Signature	Z# Initials Date
Juan Garcia Stan	16989011 12-71-16	Williesday Athist	10706191 WS 13-25
Nitrate Drum Observer (print) Simpapure	Z# Initials Date	Nitrate Drum Observer (print) Signature	Z# Initials Date 57
The Aguirne the Ag	= Myon St 13-22-16	Ling Age 100 H As	30000 af 13 26 6
Nitrate Drum Observer (print) Signature	Z# Initials Date	Nitrate Drum Observer (print) Signature	Z# Initials Date
Juan Garciai Alam	1169840 / 12-22-16	Time Acus raether As e =	Shranat B2616
Nitrate Drum Observer (print) Segrature	Z# Aptials Date	Nitrate Drum Observer (print) Signature	Z# Initials Date
ling Aglinge Thate	NAM PLA 13-23-16	Wollie 5. Co. L. 1 26/2	- 11125071 CA 13-26-11
Nitrate Drum Onserver (print) Signature	Z# Initials Date	Nitrate Drum Observer (print) Signature	Z# Initials Date
from montoyal	V915261 4m 1 3-23 /8	liva Aguirre than Age	- 114917 box 13-27-16
Nitrate Drum Observer (print) Signature	Z# Initials Date	Nitrate Drum Observer (print) Signature	Z# Initials Date
Live Acuire the Are a	>muman(1) A 13-24-66	The Willies. Cords	- 11/129 OF WE 13-27-16
Nitrate Drum Observer (print) Signature	Z# Initials Date	Nitrate Drum Observer (print) Signature	Z# Initials Date
O.			
10.1[2] Reviewed by:			
10.1[2] Moviewed by:			
SOM or designee (print) Signature	Z# Initials Date		

Remediated Nitrate Salt Waste Container Mon' ing

Document No.: EWMO-AREAG-FO-DOP-1246

Revision:

11-30-2015

Effective Date: Page:

25 of 37

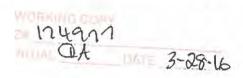
ATTACHMENT 2

Page 1 of 3

TA-54-0375 CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 3-28.16 to 4-3.16

		Monday 6.[4] Start Time: 1321	Tuesday 6.[4] Start Time:	Wednesday 6.[4] Start Time:	Thursday 6.[4] Start Time:	Friday 6.[4] Start Time:	Saturday 6.[4] Start Time:	Sunday 6.[4] Start Time:
TA-54-0375 Cell	1							
Calibrated infrared thermometer (4.2[1][B])	đ	Brand: Fluce Model: 561 Cal. Due Date: 7-5-16 File Number 101974	Brand: Auce Model: 561 Cal. Due Date: 7-5-16 File Number 101974	Brand: Fluke	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cat. Due Date: File Number
Ambient Tempera (6.[5])	iture	<u>53.4</u> °F	<u>53.3</u> ∘F	419 °F	°F	°F	ole	oF
Container II	D#	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
68685		52.5	541	429				
LA00000070503	68540 68553	54.1 54.4	53.3 54.4	42.3				
69445		53.7	54.0	43.1				
69618		53.1	53.6	42.6				
69013		53.D	52.7	43.6				
LASB5052		51.6	52.2	45,2			120	
LASB5045		51.9	519	44.6				
LASB5043		52.	21.8	44.7				
LASB5006		52.9	53.0	44.0				
LASB5007	73	52.4	527	45.0				
69636		52.4	52.3	44.7				
69616		51.7	51.9	44.5			1	
69417		52.7	52.6	44.6				



EWMO-AREAG-FO-DOP-1246

Revision:

ion: 8

11-30-2015

Effective Date: Page:

26 of 37

ATTACHMENT 2 Page 2 of 3

6.[4] Date: From 3-28.16 to 4-3-16

C	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Container ID#	Temp (°F) (6.[6]/6.[7])						
TA-54-0375	Cell 1 (continued)						
69620	54.1	52.3	44.5				
69520	51.6	52.2	45.1				
69641	52.3	52.1	451				
69298	52.0	51.9	45.2				
LASB02203	52.2	52.4	44.5				
End Time (6.[12])	1325	1321	0813				
6.[12]	NDO: At	NDOCAA NDO:	NDO:	NDO:	NDO:NDO:	NDO:NDO:	NDO: NDO:

Comments:				

EWMO-AREAG-FO-DOP-1246

Revision:

Page:

Effective Date: 11-30-2015 27 of 37

UET

ATTACHMENT 2 Page 3 of 3

6.[4] Date: From 328-16 to 4-3-16

rork	1 at	3-28-16
Z#	Initials	Date
1191566	10	13-28-16
Ź#	Initials	Date
LOUDT	MOA	13:29-16
Z#	Initials	Date
191526	12	13-29-16
Z#	Initials	Date
1722	VAA	133,26
7/9/126	Initials	Date
1	10	1-7-3016
Z#	Initials	Date
1	1	1
Z#	Initials	Date
	1/9/526 7# 1/9/526 7# 1/9/526 7# 1/4 7 7/9/726 7#	Z# Initials LOUNT OA Z# Initials V9526 Z# Initials THE MOA Z# Initials Z# Initials Z# Initials

	- 1	1 1
Nitrate Drum Observer (print) Signature	Z#	Initials Date
Nitrate Drum Observer (print) Signature	Z#	Initials Date
Nitrate Drum Observer (print) Signature	Z#	Initials Date
Nitrate Drum Observer (print) Signature	Z#	Initials Date
Nitrate Drum Observer (print) Signature	Z#	Initials Date
Nitrate Drum Observer (print) Signature	Z#	Initials Date
Nitrate Drum Observer (print) Signature	Z#	Initials Date

10.1[2] Reviewed by:

	1			1
SOM or designee (print)	Signature	Z#	Initials	Date

Document No.: EWMO-AREAG-FO-DOP-1246

Revision:

Effective Date: 11-30-2015 Page:

28 of 37

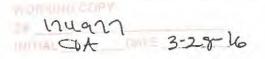
UET

ATTACHMENT 3 Page 1 of 3

TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 3-28-16 to 4-3-16

	Monday 6.[4] Start Time: \(\frac{13.30}{3.00}\)	Tuesday 6.[4] Start Time: 1322	Wednesday 6.[4] Start Time: 0814	Thursday 6.[4] Start Time:	Friday 6.[4] Start Time:	Saturday 6.[4] Start Time:	Sunday 6.[4] Start Time:
TA-54-0375 Cell 2							
Calibrated infrared thermometer (4.2[1][B])	Brand: Fluce Model: 5(6) Cal. Due Date: 7-8-16 File Number 1019 16	Brand: Fluce Model: 561 Cal. Due Date: 3816 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date: 7-8-14 File Number 101916	Brand: Model: Cal. Due Date: File Number			
Ambient Temperature (6.[5])	49.8°F	49,6 °F	45.4 °F	°F	°F	°F	°F
Container ID#	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6,[6]/6,[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6,[6]/6,[7])	Temp (°F) (6.[6]/6.[7])
LASB02198	50.3	50.4	45.7				
68638	50.5	50,5	45.8				
69615	52.6	51.9	15.6				
69635	52.1	52.0	46,4				
69642	52.5	52.0	46,0				
69630	52.8	52.1	45.9				
69633	51.4	51.8	47.9				
68430	51.6	50.7	46.1				i .
68631	50.7	50.1	45.9				
69634	50.0	49.4	46,1				
68567	50.3	50.6	45.9				
94227	50.8	50.7	46.4				
LASB50442	51.7	51.5	46.3				
69644	51.1	509	46.5				
LASB50443	51.8	52.6	46.1				
69638	51.7	51.2	46.3				



EWMO-AREAG-FO-DOP-1246

Revision:

11-30-2015

Effective Date: Page: 29 of 37

UET

ATTACHMENT 3
Page 2 of 3

6.[4] Date: From 3-28-16 to 4-3-16

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Container ID #	Temp (°F) (6.[6]/6.[7])						
A-54-0375 Cell 2 (c	ontinued)						
68624	51.3	51.7	146.9				
68507	50.8	50.6	46.1				
69568	51.0	50.5	46.6				
69553	50.4	50.3	46.4				
69598	50.0	50.8	1464				
LASB50559	50.2	49.9	146,2				
69015	50.5	50.6	46.3				
69639	50.1	50.9	47.1				•
69637	49.6	51.1	47.2				
End Time (6.[12])	1334	1326	1319				
6.[12]	NDO: A	NDO:	NDO: NDO:	NDO:	NDO:	NDO:	NDO: NDO:

Comments:			

Document No.: EWMO-AREAG-FO-DOP-1246 Revision:

11-30-2015

Effective Date: Page:

30 of 37

ATTACHMENT 3	
Page 3 of 3	

6.[4] Date: From 3-28-16 to 4-3-16

6.[16] Performed by:	and the second
Live Aguirre tre Asus	13-28-12
Nitrate Drum Observer (print) Signature	Z# Initials Date
rson monteya	1915261 pm 13-28-16
Nitrate Drum Observer (print) Signature	Z# Initials Date
live Howing through and	nyan of 13-29-16
Nitrate Drum Observer (print) Signature	Z# Initials Date
been menteral	11915261 2 13-29-16
Nitrate Drum Observer (print) Signature	Z# Initials Date
I'm topiere Thathers	Man 4+ 13-30-16
Nitrate Drum Observer (print) Signature	Z# Initials Date
Van montofer	1915761 4 133016
Nitrate Drum Observer (print) Signature	Z# Initials Date
1	1 1
Nitrate Drum Observer (print) Signature	Z# Initials Date

1	1	1 1
Nitrate Drum Observer (print) Signature	Z#	Initials Date
/	1	1 1
Nitrate Drum Observer (print) Signature	Z#	Initials Date
	- /	/ /
Nitrate Drum Observer (print) Signature	Z#	Initials Date
/	- f	1 1
Nitrate Drum Observer (print) Signature	Z#	Initials Date
	1	1 1
Nitrate Drum Observer (print) Signature	Z#	Initials Date
1	1	1 1
Nitrate Drum Observer (print) Signature	Z#	Initials Date
	1	1 1
Nitrate Drum Observer (print) Signature	Z#	Initials Date

10.1[2] Reviewed by:

	1	1	1	1
SOM or designee (print)	Signature	Z#	Initials	Date

Document No.: EWMO-AREAG-FO-DOP-1246

Revision:

Effective Date: 11-30-2015

Page:

31 of 37

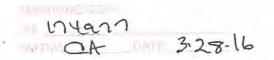
UET

ATTACHMENT 4 Page 1 of 3

TA-54-0375 CELL 3 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 3-28-16 to 4-3-16

	Monday 6.[4] Start Time:1317	Tuesday 6.[4] Start Time: 1313	Wednesday 6.[4] Start Time: 0803	Thursday 6.[4] Start Time:	Friday 6.[4] Start Time:	Saturday 6.[4] Start Time:	Sunday 6.[4] Start Time:
TA-54-0375 C	Cell 3						
Calibrated infrared thermometer (4.2.[1][B])	Brand: Fluce Model: 561 Cat. Due Date: 10246 File Number 1019 12	Model: 561 Cal. Due Date: 1021-16 File Number 101017	Brand: Fluke Model: 561 Cal. Due Date: 10-21-16 File Number 10 1912	Brand:	Brand: Model: Cal. Due Date: Fite Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number
Ambient Temperature (6.[5])	51.7_°F	529 ·F	<u>43.1</u> °F			oF	oF
Container ID	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])	Temp (°F) (6.[6]/6.[7])
69519	51.5	51.5	44.2				
69645	51.7	SLA	44.3				
94068	51.6	52.0	44.8				
93605	52.3	52.3	44.8				
69548	52.0	53.3	44.9				
69604	53.2	52.4	44.6				
LASB50529	520	52.4	44.5				
LASB50418	52.0	522	430				
69036	52.4	52.3	43.2				
LASB50451	53.0	53.0	44.1				
69559	52.7	52.4	44.9				
LASB50448	52.2	52.8	94.4				
87827	51.7	51.7	443				



EWMO-AREAG-FO-DOP-1246

Revision:

11-30-2015

Effective Date: Page:

32 of 37

ATTACHMENT 4
Page 2 of 3

6.[4] Date: From 3-28-16 to 4-3-16

UET

Comments

Container ID#	Temp (°F) (6.[6]/6.[7])						
TA-54-0375	Cell 3 (continued)		. 16				
			14akz-30				
87826	51.7	52.3	44.1				
87823	52.1	52.3	43.6				
87825	53.2	53.6	2-30-16 47.4				
End Time (6.[12])	1320	1316	080 Des 4				
6.[12]	NDO: O-K NDO: ion	NDO: 9.A NDO:	NDO: NDO:	NDO:	NDO:	NDO:	NDO:

- Contantonini				
	 			
		-		
				
	 			

EWMO-AREAG-FO-DOP-1246

Revision:

11-30-2015

Effective Date: Page:

33 of 37

ATTACHMENT 4 Page 3 of 3

6.[4] Date: From 3-28-16 to 4-3-16

6.[16] Performed by:	and the second second
The Aquire The Ales	>124M CIA 13-28-46
Nitrate Drum@bserver (print) Signature	Z# Initials Date
filly part topa	V91566 120 13-85-16
Nitrate Drum Observe (print) Signature	Z# Initials Date
June Have rettingethe of a s	2N911014 /329-16
Nitrate Drum Oserver (print) Signature	Z# Initials Date
fun monton	1/9/5261 Lm 3-29-11
Nitrate Drum Observer (print) Signature	Z# Initials Date
ling Agenthe Things at	Drugn 04 3-30-16
Nitrate Drum Observer (print) Signature	Z# Initials Date
frem mentoral -	11915261-1-13-30-16
Nitrate Drum Observer (print) Signature	Z# Initials Date
	1 1 1
Nitrate Drum Observer (print) Signature	Z# Initials Date

χ.	1	7 1
Nitrate Drum Observer (print) Signature	Z#	Initials Date
1	1	1: 1
Nitrate Drum Observer (print) Signature	Z#	Initials Date
1	1	1 1
Nitrate Drum Observer (print) Signature	Z#	Initials Date
1	1	1 1
Nitrate Drum Observer (print) Signature	Z#	Initials Date
/	1	7 1
Nitrate Drum Observer (print) Signature	7.H	Initials Date
/		1 1
Nitrate Drum Observer (print) Signature	Z#	Initials Date
/	1	1 1
Nitrate Drum Observer (print) Signature	Z#	Initials Date

10.1[2] Reviewed by:

	1	1	1	1
SOM or designee (print)	Signature	Z#	Initials	Date



AREAG-WO-DOP-1240

Revision: Effective Date:

March 30, 2016

Page:

22 of 33

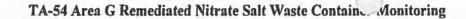
ATTACHMENT 2 Page 1 of 3

TA-54-0375 CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 3-31-16 to 4-3-16

		Monday 6.[4] Start Time:	Tuesday 6.[4] Start Time:	Wednesday 6.[4] Start Time:	Thursday 6.[4] Start Time:	Friday 6.[4] Start Time: _/351_	Saturday 6.[4] Start Time: /305	Sunday 6.[4] Start Time:
TA-54-0375 Ge	Hg .	THE PARTY OF THE P			billion and a second			Section 2 to 2 to 2 to 2
Calibrated infra thermometer	red	Brand:	Brand:	Brand:	Brand	Brand: Fluke	Brand: Fluke	Brand: Flote Model:
(4.2[1][B])		Model:	Model:	Model:	Model: 561	Model:	Model:	S6/ Cal. Due Date:
		Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date: 7-5-14	Cal. Due Date:	7-5-/6 File Number
	11	File Number	File Number	File Number	File Number 101974	File Number 101994	File Number 101974	101974
Ambient Temperature(6.[5])		°F	°F	°F	52.7°F	47.2 °F	<u>52.1</u> °F	<u>546</u> °F
(\$) Temperature SR 4.ESS.5.1 (6)		□ SAT □ UNSAT	□ SAT, UNSAT	□ SAT □ UNSAT	D SAT O UNSAT	SAT UNSAT	SAT UNSAT	D-SAT D UNSAT
Containe	rID#	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
6868	5				52.2	46.3	52.7	54.5
Contraction (see	68540		1		52.0	410.3	51.8	54.9
LA0000007050	03 68553				52.0	46.4	522	54.8
6944	5				519	46.3	52.1	54.9
6961	8				51.6	46.2	51.6	54.3
6901	3				51.5	46.3	51.3	53.6
LASB50522	69076				51.9	46.7	51.4	54.0
LASB50452	69490				51.8	46.6	50.9	53,9
LASB50431	69280				515	46.2	51.3	537
LASB50069	69208				52.1	46.4	49.9	52.1
LASB50073	69079				50.2	46.4	49.2	586 57.6
6963	6				50,4	46.4	49.8	57.1

DATE 3.31-10



AREAG-WO-DOP-12

Revision:

Effective Date:

March 30, 2016

Page:

23 of 33

ATTACHMENT 2 Page 2 of 3

6.[4] Date: From 3-31-16 to 4-3-16

UET

Comments:

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Container ID#	Femp (°F) (6.[8]/6.[0]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])					
VA:54:0375(Cd1)[1(Contli	ued)		and the second				
69616				50.6	45.8	51.5	54.4
69417	N/A						
69620		4/		49.3	46.3	50.1	53.6
69520		4		50.9	46.3	49.7	54.3
69641		4		51.3	46.7	SI. Z	53.0
69298		177		50.5	44.6	50.0	52.9
LASB02203 92669				50.5	46.1	502	52.4
End Time (6.[15])				1342	1356	1307	1307
6.[15]	WO:	WO:	WO: WO:	WO:	WO: WO:	WO: MV WO:	WO:

Revision 3.31-16 Servers Ovun

SWB/drum 69417 is no longer considered a RNS drum by LANL or NMED

NOTE: Containers marked by an (*) are POCs.

TA-54 Area G Remediated Nitrate Salt Waste Container Monitoring

Document No.:

AREAG-WO-DOP-124

Revision:

Effective Date:

March 30, 2016 24 of 33

Page:

ATTACHMENT 2 Page 3 of 3

6.[4] Date: From 3-31-16 to 4-3-16

6.[19] Performed by:	PA	S YOUR	204	1336K
Waste Operator (print)	Signature)	Z#	Initials	Date
Waste Operator (print)	Signature /	Jan 1 1749	Initials	Date - 14-1-160
Waste Operator (print)	Signature	Z# V9157	Initials	Date 147-16
Waste Operator (print)	Signature /	Z# 121526	Initials	Date 1 4/-2-16
Waste Operator (print)	Signature	Z# 	Initials	Date 14216
Waste Operator (print),	Signature 1-1	Z# ZI526	Initials	Date / 4/-3-16
Waste Operator (print)	Signature	Z#	Initials	Date

Waste Operator (print)	Signature		Z#	Initials		Date
	1	1		1	1	1
Waste Operator (print)	Signature		Z#	Initials		Date
	1	1		1	1	
Waste Operator (print)	Signature		Z#	Initials		Date
	1	1		1	1	
Waste Operator (print)	Signature		Z#	Initials		Date
	1	1		1	1	
Waste Operator (print)	Signature		Z#	Initials		Date
	1	1		1	1	
Waste Operator (print)	Signature		Z#	Initials		Date
	1	1		1	1	-200
Waste Operator (print)	Signature		Z#	Initials		Date

9.1[2]	Reviewed by:	
--------	--------------	--

	1	1	1	1
SOM (print)	Signature	Z#	Initials	Date

AREAG-WO-DOP-1

Revision:

Effective Date: N

March 30, 2016

Page:

25 of 33

ATTACHMENT 3 Page 1 of 3

TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 3-3(-16 to 4-3-16

		Monday 6.[4] Start Time:	Tuesday 6.[4] Start Time:	Wednesday 6.[4] Start Time:	Thursday 6.[4] Start Time: 13 4 3	Friday 6.[4] Start Time: <u>/35 7</u>	Saturday 6.[4] Start Time: <u>/308</u>	Sunday 6.[4] Start Time: <u>/3/8</u>
TA-54-0375 Ge	112							
Calibrated infra thermometer (4.2[1][B])	red	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Muce Model: 561 Cal. Due Date 7-8-16 File Number 101916	Brand: Flake Model: Stel Cal. Due Date: 7-8-16 File Number 101916	Brand: Fluhe Model: 561 Cal. Due Date: 7-8-16 File Number 101916	Brand: Fluhr Model: St/ Cal. Due Date: 7-8-/ File Number 10116
Ambient Tempe (6.[5])	rature	oF	°F	°F	49.9 °F	47.8°F	<u>50,8</u> °F	<i>51.0</i> °F
(\$) Temperature SR 4.ESS.5.1 (6)	-	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	SAT UNSAT	SAT II UNSAT	SAT 🗆 UNSAT	2-SAT - UNSAT
Container ID #		Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
LASB02198	68408				48.9	47.1	49.6	50.6
68638					50.0	47.4	50.8	51.4
69615			1	/	50.8	47.5	51,1	53.5
69635					51.0	48.0	51.7	51.2
69642					52.1	48.0	52.4	53.8
69630			14		52.0	47.9	526	52.3
69633				1	50.5	48.2	50.9	52.1
*68430					51.0	48.4	51.2	51.5
68631					50.5	48.1	50.7	51.0
69634					49.8	47.7	504	50.3
68567					49.9	47.7	50.3	51.Z
94227					50.0	48.4	507	51,2
LASB50442	68648				50.5	48.5	51.3	51.3
69644					50.1	48.4	51.2	51,6
LASB50443	69183				50.7	48.2	50.8	50.0
69638					150.6	48.3	51.1	54,1

WORKING COPY

Z# 104900

INITIAL DATE 3-31400



AREAG-WO-DOP-124

Revision:

Effective Date:

March 30, 2016

Page:

26 of 33

ATTACHMENT 3

Page 2 of 3

6.[4] Date: From 3.31-6 to 4-3-16

UET

		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Container ID #		Kemp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])						
TA-54-0375 G	ell 2 (continu	ied)							
6862	.4				51.1	49.7	SII	521	
6850	7				506	49.4	50.7	SI.Z	
6956	i8				51.1	48.7	523	51.5	
6955	13		VV/		50.3	48.7	MSOF 50.5	50.9	
6959	18				50.4	49.2	50.9	51.7	
	92472		A		5LO	49.6	50.8	51.1	
LASB50559	92459		17		51.0, 33414	49.0	51.2	51.1	
6901	5				50-6-131.0	48.9	51.3	51.6	
6963	19				4997 50.6	49.3	50.7	51.3	
6963	17				49.9	49.6	50.7	50.5	
End Time (6.[1	[5])				1348	1407	1311	/311	
	6.[15]	WO:	WO:	WO:	WO.Q.L	WO FA	WO: MY	WO: MV	
		WO:							
	-0								

aced by New Kevision 3-31-16



AREAG-WO-DOP-12

Revision: Effective Date:

March 30, 2016 27 of 33

Page:

ATTACHMENT	3
Page 3 of 3	

6.[4] Date: From 3.31-16 to 4-3-16

6.[19] Performed by	151 -				los as to		= 101	36 hm	1 42 -
lika Aguirra	Aufa of	-		13-3HG	Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	Z# 1/9/5	Initials	/		1	,	,	,
Waste Operator (print)	Signature .	Z#	Initials	Date	Waste Operator (print)	Signature	Z#	Initials	Date
takian Huang	tolde Herey	117496		14+16		1	1	1	1
Waste Operator (print)	Signature	Z#	Initials	Date 14-1-16	Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print),	Signature ///	Z#	Initials			1	1	1	1
Michael Vigit	Market flagt	121526	TIMU	14/2/16	Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	1/8/5	Initials			1	1	1	1
Waste Operator (print)	Signature //	Z#	Initials	Date	Waste Operator (print)	Signature	Z#	Initials	Date
Michael Vigil	Vhall fil	12152	071 MV	14-3-16		1	1	_/	1
Waste Operator (print)	Signature	Z#	Initials	Date	Waste Operator (print)	Signature	Z#	Initials	Date
						1	1	1	1
					Waste Operator (print)	Signature	Z#	Initials	Date
9.1[2] Reviewed by:									
	1	1	1	1					
SOM (print)	Signature	Z#	Initials	Date					



Document No.: AREAG-WO-DOP-124

Revision: Effective Date:

March 30, 2016

Page:

28 of 33

ATTACHMENT 4

Page 1 of 3

TA-54-0375 CELL 3 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

		Monday 6.[4] Start Time:	Tuesday 6.[4] Start Time:	Wednesday 6.[4] Start Time:	Thursday 6.[4] Start Time:	Friday 6.[4] Start Time: 1345	Saturday 6.[4] Start Time: /300	Sunday 6.[4] Start Time: /300
TA-54-0375 Gell 3						No. of the last of		\$ 4
Calibrated infrared thermometer (4.2.[1][B])		Brand:	Brand:	Brand: Model:	Bright Lee Model 561	Brand: Fluke Model:	Brand, Fluke Model:	Brand Fluke Model
		Cal. Due Date File Number	Cal. Due Date:	Cal. Due Date:	Cal. Due Date: 102116 File Number	S6 Cal Due Date: 10-21-16 File Number 101912	SG Cal Due Date 10-2/- 16 File Number 101 917	SG Cal Due Date: 10 - 21 - 16 File Number 10 19 12
Ambient Temperature (6.[5])		°F	The state of the s	op	5 133+ °F	48.0°F	50.6 °F	523 °F
(S) Temperature ≤ 7 SR 4.ESS.5.1 (6.[6]		□ SAT □ UNSAT	D SAT UNSAT	O SAT O UNSAT	SAT UNSAT	SAT DUNSAT	₽ SAT □ UNSAT	D-SAT □ UNSAT
Container	ID#	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (%) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6,[8]/6,[9]/6,[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10]
*69519					50.2	49.0	50.3	51.7
69645					50.6	48.8	511	51.2
94068					50.2	48.9	51.5	51.5
93605					50.6	49.3	51.4	52.1
69548					50.5	49.2	51.0	51.8
*69604	•				50.4	48.8	50,9	51.8
LASB50529	68665				50.4	48.6	51.0	51.9
LASB50418	69595				50.6	48.6	51.2	51.6
69036	(1) Y				50.5	48.6	51.0	51.7
LASB50451	69361				51.3	48.8	51.5	528
69559					50.8	49.0	51.1	51.6
LASB50448	69491				50.9	49.6	51.2	52.3

WORKING COPY DATE 3-31-16



AREAG-WO-DOP-12

Revision:

Effective Date:

March 30, 2016

Page:

29 of 33

ATTACHMENT 4 Page 2 of 3

6.[4] Date: From 3-36-16 to 4-3-16

Container ID #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])				
TA-54-0375 Gel	13 (continued)				A CONTRACTOR OF THE PARTY OF TH		Mark Balling
87827	1			50.2	48.8	50.6	51.2
87826				50.1	48.9	50.7	51.4
87823		1/		50.5	48.6	51.1	51.6
87825		X		51.0	49.0	51.7	52.8
End Time (6.[15])		-14	_	133,6		1303	1303
6.[15]	WO: WO:	WO: WO:	WO: WO:	WO:	WO: FX	WO: MV	WO: 100 WO: 2

	1 3-31-16	 _	
			W - W
	-	 *****	



UET

Document No.: AREAG-WO-DOP-124

Revision:

March 30, 2016 30 of 33 Effective Date:

Page:

ATTACHMENT 4 Page 3 of 3

19] Performed by	JO 1.	- 10.00		2011	Low bouton		11900	1612	14-
Waste Operato (print)	Signature	Z# V1/8	Initials		Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print) Fabrian Ana	Signature	A Z#	Initials	1 3:3/:16 Date 14-1-16	Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	_ Z#	Initials		Waste Operator (print)	/ Signature	/ Z#	/ Initials	/ Date
Waste Operator (print)	Signature	Z#	Initials		Waste Operator (print)	/ Signature	/ Z#	/ Initials	/ Date
Waste Operator (print)	Signature	1/9/5	Initials	Date 1 4-2-16		1	1	1	/
Waste Operator (print)	Signature ///	_ Z#	Initials		Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	Z#	Initials		Waste Operator (print)	Signature	Z#	Initials	Date
					-	1	1	1	1
				- 1	Waste Operator (print)	Signature	Z#	Initials	Date
1[2] Reviewed by:									
	1	1	1	1					

AREAG-WO-DOP-/

Revision: Effective Date:

March 30, 2016

Page:

22 of 33

ATTACHMENT 2 Page 1 of 3

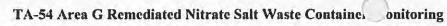
TA-54-0375 CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 4-4-16 to 4-10-16

UET

		Monday 6.[4]	Tuesday 6.[4]	Wednesday 6.[4]	Thursday 6.[4]	Friday 6.[4]	Saturday 6.[4]	Sunday 6.[4]
		Start Time:	Start Time:	Start Time:	Start Time:	Start Time:	Start Time:	Start Time:
TA-54-0375 C	ell 1						K P 10000	
Calibrated infra thermometer (4.2[1][B])	red	Brand: Fluce Model: S61 Cal. Due Date: 1-5-11 File Number 101974	Brand: Fluce Model: S 6 Cal. Due Date: 7-5-1 6 File Number 101974	Brand: Huke Model: 561 Cal. Due Date: 7-5-16 File Number LO 19774	Brand: Floke Model: Sle 1 Cal. Due Date: 7:5:16 File Number 101974	Brand: TUKL Model: SU Cal. Due Date: F. S. / U File Number LO 197	Brand: Fluky Model: 561 Cal. Due Date: 7-5-16 File Number 101974	Brand: Fluk e Model: 561 Cal. Due Date: 7-5-16 File Number 101974
Ambient Temperature(6.[5])		60.4°F	57.7 °F	53.1°F 6m 7.476	59.5°F	49.5°F	53.5°F	573°F
(\$) Temperature SR 4.ESS.5.1 (6)		SAT UNSAT	SAT UNSAT	SAT DUNSAT	SAT UNSAT	SAT D UNSAT	SAT DUNSAT	SAT UNSAT
Containe	r ID#	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
6868	5	60.6	56.2	4648-3-3 53.3	59.7	48.9	53.1	59.6
LA000000705	68540	60.0 59.9	57.3 57.7	4.6163.1 54.6	54.9 59.5	49.2	53.3 53.5	59.5
6944	5	60.5	59.0	55.1	59.1	42.5	53.6	59.2
6961	8	59.9	58.1	53.4	54.5	51.1	53.5	56.6
6901	3	58.7	55.2	53.3	55.8	49.3	52.2	56.1
LASB50522	69076	56.8	55.3	52.5	56.6	49.5	52.6	56.6
LASB50452	69490	58.8	57.3	52-2	5k.1	49.10	52.1	56.1
LASB50431	69280	57.1	53.6	51.4	55.8	49.5	52.0	57.4
LASB50069	69208	57.7	55.2	52.2	57.1	49.3	52.8	55-5
LASB50073	69079	55.8	56.2	53.3	56.4	49.7	52.9	56.0
6963	6	57.4	55,2	52.4	56.8	H9.7	52.1	57.9

INITIAL A 4-4-66



Document No.: AREAG-WO-DOP-1246

Revision:

Effective Date: March 30, 2016

23 of 33 Page:

UET

Comments:

ATTACHMENT 2 Page 2 of 3

6.[4] Date: From 4-4-16 to 4-10-16

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Container ID#	Temp (°F) (6,[8]/6,[9]/6,[10])	Temp (°F) (6.[8]/6.[9]/6.[10])					
ΓA-54-0375 Cell 1 (contin	nued)					,	
69616	57.3	54.9	53./	59.1	49.60	52.5	58.1
69417	N/A	N/A	N/A	N/A	N/A	N/A	N/A
69620	57.1	58,9	53.7	57.0	49.3	52.6	54.7
69520	57.0	54.1	53.1	55.4	49.5	51.9	55.5
69641	157.1	54.4	52.5	55.8	49.5	51.6	55.2
69298	57.1	54.5	52.2	56.9	49.8	51.6	56.4
ASB02203 92669	56.2	551	54.0	54.4	LA.7	52.7	56.0
End Time (6.[15])	1333	1411	1836	1340	1313	1316	1316
6.[15]		wo:	WO: -E WO: AN	WO: YON	wo: VOY	WO: 27	WO: 27
	WO:	wo M	" (1)	WO	WO:	WO:LGA	WO:

SWB/drum 69417 is no longer considered a RNS drum by LANL or NMED

NOTE: Containers marked by an (*) are POCs.



Z#

Initials Date

Signature

UET

SOM (print)

Document No.: AREAG-WO-DOP-12-5

Revision: Effective Date:

March 30, 2016 24 of 33

Page:

ATTACHMENT 2 Page 3 of 3

0.[4] Date: From 4-4-7-6 to 4-7-7-6	
Waste Operator (print) Signature Z# Initials Date	Waste Operator (print) Signature Z# Initials Date Waste Operator (print) Signature Z# Initials Date
9.1[2] Reviewed by:	



Document No.: AREAG-WO-DOP-1

Revision:

Effective Date: March 30, 2016

25 of 33 Page:

UET

ATTACHMENT 3 Page 1 of 3

TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 4-4-16 to 4-10-16

		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
		6.[4]	6.[4]	6.[4]	6.[4]	6.[4]	6.[4] 1311	6.[4]
		Start Time: 1334	Start Time: 1400	Start Time: 1426	/Start Time: <u>1341</u>	Start Time: <u>1305</u>	Start Time: 1371	Start Time: 1309
TA-54-0375 Cell	2 .						ED 100197	
Calibrated infrared thermometer (4.2[1][B])	d	Brand: Fluce Model: 561 Cal. Due Date: 7.6.16 File Number 101916	Model: <u>561</u> Cal. Due Date: 7-646	Brand: Cluke Model: 56 Cal. Due Date: 1-67 File Number 109	Brand: Fluke Model: SUI Cal. Due Date: 7-10-110 File Number 101910		Brand: Fluke Model: 561 Cal. Due Date: 7-16-2 File Number 2019 16	
Ambient Tempera (6.[5])	iture	529 °F	519_°F	52.0%F	50.4 °F	50.1 °F	50.4 °F	<i>52.2</i> °F
(\$) Temperature ≤ SR 4.ESS.5.1 (6.[6]	11.00	SAT D UNSAT	SAT O UNSAT	U SAT 🗆 UNSAT	SAT 🗆 UNSAT	SAT D UNSAT	SAT D UNSAT	□SAT □ UNSAT
Container ID)#	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6,[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10]
LASB02198	68408	52.5	51.6	52.5	50.9	49.7	52.7	53.1
68638		53.1	51.5	51.2	51.9	49.10	52.6	53.0
69615		54.6	53.2	55.2	53.9	50.0	52.9	55.6
69635		53.9	53.0	53.4	53.5	50.3	52.6	54.9
69642		56.0	54.2	51.1	54.0	49.9	52.8	55.5
69630		53.0	52.7	57.0	53.8	49.9	51.9	56.0
69633		529	54.8	53.7	54.6	50.8	52.4	54.2
68430		53.5	52.4	52.7	53.3	50.0	51.6	54.7
68631		52.4	49.7	49.5	52.4	50.3	51.4	53.2
69634		50.0	49.9	51.5	49.8	49.8	51.5	52.1
68567		52.0	50.1	51.8	51.9	49.9	51.0	51.9
94227		52.6	566	5-22	58,1	49.8	51.9	55.0
LASB50442	68648	53.3	52.4	53.7	50.1	50.3	50.4	54.7
69644		53.0	51,1	5-2.1	51.0	49.9	50.9	55.5
LASB50443	69183		53.5	53.0	52.4	49.6	52.5	54.1
69638		53.1	52,7	52.0	52.8	49.9	51.9	54.5

Z# LZYGZZZ 4-4-16 INITI OL



Document No.: AREAG-WO-DOP-12-6

Revision:

March 30, 2016 26 of 33 Effective Date:

Page:

ATTACHMENT 3 Page 2 of 3

6.[4] Date: From 4-4-18 to 4-10-16

UET

Comments:

		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Container ID#		Temp (°F) (6.[8]/6.[9]/6.[10])							
TA-54-0375 C	ell 2 (contin	ued)							
6862	24	54.2	54.5	51.5	52.7	49.9	52.0	544	
6850)7	53.3	51,6	57.5	51-1	50.2	50.7	53.3	
69568		53.1	51.8	53.4	51.9	50.4	51.4	53.9	
69553		53.2	1497	5-1.0	51.4	50.1	50.9	53.1	
6959)8	53.1	51.3	52.2	52.0	50.4	50.9	53.5	
	92472	52.3	509	50.0	50.9	49.9	51.0	52.3	
LASB50559	92459	52.0	51.7	51.0	50.4	51.0	50.7	53.1	
690	5	53.1	52.8	52.3	50.9	50.2	50.8	52.9	
6963	39	53.4	51.2	51-9	51.3	50.1	50.9	53.5	
6963	37	53.4	51.3	522	59.1	50.1	50.7	53.2	
End Time (6.[15])	1338	1405	1832	1347	1307	1000 1 4 1314	1312	
	6.[15]	wo: A wo:	WO: NO.	wo: Jag	wo: You	wo Van	WO: FP WO: USE	WO: FP WO: COR	

Document No.: AREAG-WO-DOP-1246

Revision:

March 30, 2016 27 of 33

Effective Date: Page:

UET

ATTACHMENT 3 Page 3 of 3

SOM (print)	Signature	Z# Initia	als Date					
.1[2] Reviewed by:	1	1 1	1					
1[3] Davissad bas				Willes Baker	as/re-			4-10-16
				Edward Packey Waste Operator (print)	Signature	-1/00497 Z#	Initials	1-10-16 Date
Waste Operator (print)	Signature	Z# Initi	als Date	Waste Operator (print)	Signature	Z#	Initials	Date
July Garcia	1 14 24	169840	1/14-6-16	117.46EJ. P.A	125Bx	111007	Kore 1	49-16
Waste Operator (print)	Signature	/ 19/516 -	als Date //	Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	Z# Initia	als Date = 1 4-6-16	Edward Pack	. Kolem Sal	1 100 40	ا لاتع ال	4-9-16
line Aquire	2 1 Wasterne	21 huggariy	14-6-16	Waste Operator (print)	Agnature 1	- 0	Initials	Date
Waste Operator (print)	Signature 1	Z# Inju	als Date	JUNIA TARCIA	/ lines aires	16984	0/1/1	4.8-66
Waste Operator (print)	Signature	Z# Initi	als Date 5.10	Waste Operator (print)	Signapare //	Z#	Initials	Date
liva Aguina	The state of the s	Thuan O	The state of the s	Valorie Martinez	Mary DAR	123795	8/VM/18	4/8/11
Waste Operator (print)	Signature,	Z# Initi	als Date	Waste Operator (print)	Signature	Z#	Initials	Date /
Lam monte		1/2528124		· Valence Martinez		23995	81 YON	417/1
Waste Operator (print)	Signature	Z# Initi	als Date	Waste Operator (print)	Signature	Z#	Initials	Date
	A James	>huem Out	- 14-4-16	been montop		V71526		4-7-16
[19] Performed by:		>hven Od	- /44th	Waste Operator (print)	Signature	V9/526 Z#	Initials	_

Document No.: AREAG-WO-DOP-1

Revision:

Effective Date: March 30, 2016

28 of 33 Page:

UET

ATTACHMENT 4

Page 1 of 3

TA-54-0375 CELL 3 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 4-4-16 to 4-10-16

		Monday 6.[4] Start Time: 325	Tuesday 6.[4] Start Time: L3.55	Wednesday 6.[4] Start Time: 1819	Thursday 6.[4] Start Time: 1328	Friday 6.[4] Start Time: 1303	Saturday 6.[4] Start Time: 	Sunday 6.[4] Start Time: 1306
TA-54-0375 Cell	3							
Calibrated infrare (4.2.[1][B])	d thermometer	Brand: Fluce Model: 561 Cal. Due Date: 10-2616 File Number 101912	Brand: Cluce Model: S61 Cal. Due Date: 10-21-16 File Number 101912	Brand: Model: S61 Cal. Due Date: 10-21-16 File Number 10-91-2	Brand: Floke Model: Slol Cal. Due Date: 10.21.10 File Number 101912	Brand: F/VK Q Model: S Q Cal. Due Date: 10 · 21 · 1 Q File Number 101912	Brand:	Brand: Fluke Model: 56/ Cal. Due Date: 10-21-16 File Number 101912
Ambient Tempera (6.[5])	iture	53.6°F	<i>55,5</i> °F	5-4-4 °F	54.4 °F	51.1 °F	52.0 °F	54.3°F
(\$) Temperature 5 SR 4.ESS.5.1 (6.[SAT D UNSAT	□-SAT □ UNSAT	D∕SAT □ UNSAT	SAT D UNSAT	8 SAT O UNSAT	SAT DUNSAT	SAT UNSAT
Containe	er ID#	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
695	19	53,2	55.3	53.4	53.4	49.8	50.7	53.6
6964	15	53.2	53.2	52.8	52.0	50.1	51.3	53.5
940	58	52.3	52.9	52.5	53.5	49.8	50.9	52.3
9360)5	53.9	53.8	54.3	53.60	50. W	51.5	54.8
6954	18	53.6	55.3	529	54.0	50.6	51.3	54.3
6960)4	54.0	54.6	52.9	53.8	56-1	51.3	53.7
LASB50529	68665	530	54.4	52.6	54.5	50.3	51.4	54.1
LASB50418	69595	54.2	55.3	530	54.7	49-8	51.3	54.5
690	36	53.9	53.9	52.7	54.7	49.8	51.9	54.0
LASB50451	69361	55.1	560	53.7	55.2	50-0	52.0	55.7
695		54.1	56.0	53.5	54.9	50.3	51.8	54.4
LASB50448	69491	540	55.4	53.2	54.9	50.2	52.7	55.0

WORKING COPY

2# 174927



Document No.: AREAG-WO-DOP-1246

Revision:

Effective Date:

March 30, 2016

Page:

29 of 33

ATTACHMENT 4 Page 2 of 3

6.[4] Date: From 4-4-16 to 4-10-14

Container 1D #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6,[8]/6,[9]/6,[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
TA-54-0375 Cel	l 3 (continued)						
87827	54.0	55.9	53.9	53.8	49.9	53.4	55.4
87826	54.2	57.9	53.1	54.9	50.1	53.2	55.8
87823		H.3	53.5	55.8	49.7	53.1	55.0
87825	55.1	56.8	5-4.1	55.0	49.0	52.9	56.6
End Time (6.[15])	1328	1359	_1823	_1333	_13/0	1310	1308
6.[15]	WO: QA WO:	WO:	WO: Lynj WO: Th	WO: WO:	WO: YOU	WO: 127 WO: 127	WO: LOSP

Comments:			

Document No.: AREAG-WO-DOP-12-16

Revision: Effective Date:

March 30, 2016 30 of 33

Page:

UET

ATTACHMENT 4 Page 3 of 3

0.1[2] Reviewed by:								
				Waste Operator (print) W: Usc J. Conbo	Signature Signature		Initials	<u>4-10-16</u> Date 4-10-16
Waste Operator (print) Waste Operator (print)	Signature Julian Signature	Z# Initials I/69840 A) Z# Initials	Date Date	Waste Operator (print)		411607		
Waste Operator (print)	1 - The	Z# Initials 119/524 —	Date 14-6-16	Edward Packers Waste Operator (print)	Signature	.1/00 292 Z#	Initials	4-9-16 Date
Tima Aguirra	Signature Signature	man lost	14-6-6	Waste Operator (print)	Signature		morals	Date
Waste Operator (print)	Signature	Z# Inmals	Date 10	Transarria	howales	169846	1	1-8-16
Waste Operator (print)	Signature	The Initials		Waste Operator (print)	Signature 1	1239988 Z#	Initials	Date
Waste Operator (print)	Signature Ave	Z# Initials	Date / 4-5-16	Waste Operator (print)	Signature	Z#	Initials	Date
from morting		191561-C	17-476	Valerie Martin		1239958		4/7/14
Waste Operator (print)	Signature	Z# Initials) 4-4-6	Waste Operator (print)	Signature	1/9/526 Z#	/ /	<i>4-778</i> Date

Document No.:

AREAG-WO-DOP-124

Revision: Effective Date:

March 30, 2016

Page:

22 of 33

ATTACHMENT 2 Page 1 of 3

TA-54-0375 CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 4-11-16 to 4-17-16

UET

		Monday 6.[4] Start Time: /3/3	Tuesday 6.[4] Stan Time:	Wednesday 6.[4] Start Time:	Thursday 6.[4] Start Time:	Friday 6.[4] Start Time:	Saturday 6.[4] Start Time:	Sunday 6.[4] Start Time:
TA-54-0375 Ce	N 1							
Calibrated infra thermometer (4.2[1][B])		Brand Flute Model 561 Cal. Due Date 7-5-16 File Number 101974	Brand Model: Cal. Due Date: File Number	Model Cal. Due Date File Number	Brand: Model: Cal Due Date: Eile Number	Model Cal. Due Date: File Number	Model Cal. Due Date File Number	Brand Model: Cal. Due Date: File Number
Ambient Temperature(6.	(5))	55.1 °F	oF	oF	A.		oF	°F
(S) Temperature SR 4.ESS.5.1 (6		SAT DUNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	D AT D UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT
Containe	r ID#	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/8:[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
6868	5	55.3						
LA0000007050	68540	55.0 54.7						
6944	5	55.1						
6961	8	55.1		780				
6901	3	54.0						
LASB50522	69076	53.1						
LASB50452	69490	52.4						
LASB50431	69280	52.1						
LASB50069	69208	53.0						
LASB50073	69079	53.5						
6963	6	52.5				1	CEKING COPY	

DATE 4-11-16

Document No.:

Effective Date:

AREAG-WO-DOP-124

Revision:

March 30, 2016

Page:

23 of 33

ATTACHMENT 2
Page 2 of 3

6.[4] Date: From 4-11-16 to 4-17-16

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
ied)						
52.2						
N/A	N/A	N/A	N/A	N/A	N/A	N/A
54.1						
53.1			A			
53.1			N			
54.0						
53.1						
1317						
WO: FP	WO: WO:	WO: WO:	WO: WO:	WO:	WO:	WO:
	Temp (°F) (6.[8]/6.[9]/6.[10]) sed) \$7.2 N/A \$7.1 \$3.1 \$4.0 \$3.1 \$1.7	Temp (°F) (6.[8]/6.[9]/6.[10]) (6.[8]/6.[9]/6.[10]) 1ed) 52.2 N/A N/A 54. / 53. / 53. / 54. 0 53. / 13. /7	Temp (°F) (6.[8]/6.[9]/6.[10]) Temp (°F) (6.[8]/6.[9]/6.[10]) (6.[8]/6.[9]/6.[Temp (°F) (6.[8]/6.[9]/6.[10]) (6.[8]/6.[9	Temp (°F) (6.[8]/6.[9]/6.[10]) (6.[8]/6.[9	Temp (°F) (6.[8]/6.[9]/6.[10]) (6.[8]/6.[9

SWB/drum 69417 is no longer considered a RNS drum by LANL or NMED

NOTE: Containers marked by an (*) are POCs.

Document No.:

AREAG-WO-DOP-124

Revision: Effective Date:

March 30, 2016 24 of 33

Page:

ATTACHMENT 2 Page 3 of 3

6.[4] Date: From 4-11-16 to 4-17-16

Waste Operator (print)	Signature	_ Z# - 1/9/5	Initials 2 6/ Ls	Date / 4-//-/
Waste Operator (print)	Signature /	Z# /	Initials /	Date /
Waste Operator (print)	Signature /	Z# /	Initials /	Date /
Waste Operator (print)	Signature /	Z# /	Initials /	Date /
Waste Operator (print)	Signature /	Z# /	Initials /	Date /
Waste Operator (print)	Signature /	Z# /	Initials	Date /
Waste Operator (print)	Signature	Z#	Initials	Date

	1	1	1	1
Waste Operator (print)	Signature	Z#	Initials	Date
	1	1	1	1
Waste Operator (print)	Signature	Z#	Initials	Date
	1	1	1	i
Waste Operator (print)	Signature	Z#	Initials	Date
	1	1	_/	1
Waste Operator (print)	Signature	Z#	Initials	Date
	1	1	1	1
Waste Operator (print)	Signature	Z#	Initials	Date
	1	1	1	1
Waste Operator (print)	Signature	Z#	Initials	Date
	1	1	1	1
Waste Operator (print)	Signature	Z#	Initials	Date

9.1[2] Reviewe	d by:
----------------	-------

	1	1	1	1
SOM (print)	Signature	Z#	Initials	Date

AREAG-WO-DOP-1246 Document No.: Revision:

0

Effective Date:

March 30, 2016

Page:

25 of 33

ATTACHMENT 3 Page 1 of 3

TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 4-11-16 to 4-17-16

UET

		Monday 6.[4]/306 Start Time: +306	Tuesday 6.[4] Start Times	Wednesday 6.[4] Start Time:	Thursday 6.[4] Start Time:	Friday 6.[4] Start Time:	Saturday 6.[4] Start Time:	Sunday 6.[4] Start Time:
TA-54-0375 Cell	12	4-4-11						
Calibrated infrare thermometer (4.2[1][B])	ed	Brand: Flv Ke Model: 561 Cal. Due Date 7-8-16 File Number 10 1916	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Que 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:
Ambient Temper (6,[5])	ature	50.2 °F	oF		oF	oF	°F	°F
(S) Temperature : SR 4.ESS.5.1 (6.		SAT I UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT
Container II	D#	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
LASB02198	68408	51.4						
68638		51.4						
69615		52.7				4		
69635		53.3				N		
69642		53.2			1			
69630		53.1						
69633		53.1						
68430		53.2						17.
68631		51.2						
69634		50.0						
68567		50.1						15-
94227		51.5						
LASB50442	68648	52.0						
69644		57.2						
LASB50443	69183	52.9						
69638		52.7						

Z# 100427

INITIAL EP

DATE 4-11-16

Document No.:

AREAG-WO-DOP-124

Revision: Effective Date:

March 30, 2016

Page:

26 of 33

ATTACHMENT 3 Page 2 of 3

6.[4] Date: From 4-11-16 to 4-17-16

		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Container ID #		Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])					
TA-54-0375 C	ell 2 (continu	ied)						
6862	4	52.4						
68507		51.4						
6956	8	51.4						
6955	3	51.8						
6959	8	515						
	92472	50.3			1			
LASB50559	92459	50.3			MI			
6901	5	512		1				
6963	9	51.7						
6963	7	51.9						
End Time (6.[1	5])	1309						
	6.[15]	WO: FP WO: 6m	WO: WO:	WO:	WO:	WO	WO;	W0:

-		
	•	

Document No.:

AREAG-WO-DOP-124

Revision: Effective Date:

March 30, 2016

Page:

27 of 33

ATTACHMENT 3 Page 3 of 3

6.[4] Date: From 4-11-16 to 4-17-16

Waste Operator (print)	Signature	Z#	Initials	Date ./ 1/17
Waste Operator (print)	Signature /	Z# /	Initials	Date /
Waste Operator (print)	Signature /	Z# /	Initials /	Date /
Waste Operator (print)	Signature /	Z# /	Initials /	Date /
Waste Operator (print)	Signature /	Z# /	Initials /	Date /
Waste Operator (print)	Signature /	Z# /	Initials /	Date /
Waste Operator (print)	Signature	Z#	Initials	Date

	1	1	1 1
Waste Operator (print)	Signature	Z#	Initials Date
	1	1	1 1
Waste Operator (print)	Signature	Z#	Initials Date
	1	1	1 1
Waste Operator (print)	Signature	Z#	Initials Date
	1	1	1 1
Waste Operator (print)	Signature	Z#	Initials Date
	1	1	1 1
Waste Operator (print)	Signature	Z#	Initials Date
	1	1	1 1
Waste Operator (print)	Signature	Z#	Initials Date
	1	1	1 1
Waste Operator (print)	Signature	Z#	Initials Date

9.1[2] Reviewed by:

	1	1	1	1
SOM (print)	Signature	Z#	Initials	Date

Document No.:

AREAG-WO-DOP-1246

Revision: Effective Date:

March 30, 2016

Page:

28 of 33

ATTACHMENT 4 Page 1 of 3

TA-54-0375 CELL 3 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 4-11-16 to 4-17-16

UET

		Monday 6.[4] Start Time: /309	Tuesday 6.[4] Start Time:	Wednesday 6.[4] Start Time:	Thursday 6.[4] Start Time:	Friday 6.[4] Start Time:	Saturday 6.[4] Start Time:	Sunday 6.[4] Start Time:
TA-54-0375 Cell	3							
Calibrated infrare	d thermometer	Fluke	Brand:	Brand	Brand:	Brand:	Brand:	Brand:
(4.2.[1][B])		Model 561	Model:	Model:	Model	Model:	Model:	Model:
		Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:
		File Number FP 18040	File Number					
Ambient Tempera (6.[5])	nture	52.9 °F	or	op	•F	°F	°F	of
(S) Temperature 5 SR 4.ESS.5.1 (6.[SAT DUNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	O SAT O UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT
Containe	er ID#	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
695	19	52.5				101		
6964	45	52.3		2		NI		
9400	68	51.9				1.		
9360	05	52.8						
695	48	52.8						
6960	04	52.9						
LASB50529	68665	52.8						
LASB50418	69595	52.8						
6903	36	52.7						
LASB50451	69361	54.3						
695	59	53.5						
LASB50448	69491	53.6						

WORKING COPY

Z# 100497

INITIAL EP

DATE 4-11-16



Document No.:

AREAG-WO-DOP-124

Revision: Effective Date:

March 30, 2016

Page:

29 of 33

ATTACHMENT 4 Page 2 of 3

6.[4] Date: From 4-11-16 to 4-17-16

Container ID #	Temp (°F) (6.[8]/6.[9]/6.[10])						
TA-54-0375 Cel	13 (continued)	j.					
87827	53.7						
87826	53.7						
87823	53.1			IA			
87825	54.9			1			
End Time (6.[15])		-				-	
6.[15]	WO: <u>₽₽</u> WO: <u></u>	WO: WO:	WO: WO:	WO: WO:	WO: WO:	WO:	WO:

Document No.:

AREAG-WO-DOP-124

Revision: Effective Date:

March 30, 2016

Page:

30 of 33

ATTACHMENT 4 Page 3 of 3

6.[4] Date: From 4-11-16 to 4-17-16

Waste Operator (print)	Signature	Z# 1/9/5	761 Lan 1471-1
Waste Operator (print)	Signature /	Z# /	Initials Date
Waste Operator (print)	Signature /	Z# /	Initials Date
Waste Operator (print)	Signature /	Z# /	Initials Date
Waste Operator (print)	Signature /	Z# /	Initials Date
Waste Operator (print)	Signature /	Z# /	Initials Date
Waste Operator (print)	Signature	Z#	Initials Date

	1	1	1 1
Waste Operator (print)	Signature	Z#	Initials Date
	1		1 1
Waste Operator (print)	Signature	Z#	Initials Date
	1	1	1 1
Waste Operator (print)	Signature	Z#	Initials Date
	1	1	1 1
Waste Operator (print)	Signature	Z#	Initials Date
	1	1	1 1
Waste Operator (print)	Signature	Z#	Initials Date
	1	1	1 1
Waste Operator (print)	Signature	Z#	Initials Date
	1	1	1 1
Waste Operator (print)	Signature	Z#	Initials Date

9.1[2] Reviewed by:

		1	1	1
SOM (print)	Signature	Z#	Initials	Date

AREAG-WO-DOP-12 Document No.:

Revision: 0, IPC-1 Effective Date: 4/11/2016 22 of 33

Page:

ATTACHMENT 2 Page 1 of 3

TA-54-0375 CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 4-11-16 to 4-17-16

UET

		Monday 6.[4] Start Time:	Tuesday 6.[4] Start Time:	Wednesday 6.[4] Start Time:	Thursday 6.[4] Start Time:	Friday 6.[4] Start Time:	Saturday 6.[4] Start Time:	Sunday 6.[4] Start Time:
TA-54-0375 Co	at 1							
Calibrated infra thermometer (4.2[1][B])	red	Model: Cal. Due Date: File Number	Brand Fluke Model 5121 Cal Due Date: 7:5:70 File Number 101924	Brand: FLUKE. Model: Cal Due Date: 2-8-16 File Number 101 9110	Brand Fluke Model 1 Cal little Pate:	Brand: Pluce Model: 561 Cal Due Date: 7-5-1- File Number 101374	Brand Fluke Model 561 Cal Due Date: 2-5-16 File Number	Brand Flyke Model: 561 Cal. Due Date 7-514 File Number 101274
Ambient Temperature(6.	[5])	- or	55.8°F	60.2°F	56.8°F	55.2°F	50.2°F	47.5°F
(S) Temperature SR 4.ESS.5.1 (C		□ SAT □ UNSAT	SAT DUNSAT	SAT DUNSAT	SAT DUNSAT	SAT DUNSAT	DAT DUNSAT	SAT DUNSAT
Containe	r ID#	Temp (%) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
6868	5		54.1	59.4	126.1	56.0	50.3	42.4
LA000000705	68540		54.2 54.3	59.3	57.4 57.3	55.4 55.4	49.6	46.8
6944	5		54.9	58.9	58.1	55.9	49.8	461
6961	8		54-1	58.6	510.1	55.3	50.0	42.1
6901	3		53.5	57.1	56.8	54.2	49.8	42,0
LASB50522	69076		23.8	57.3	55.7	53.6	50.1	47.8
LASB50452	69490		53.3	570.9 uM	53.7	5211	50.2	47.3
LASB50431	69280		52.9	57.6 V	54.60 54.3	52.5	50.4	47.1
LASB50069	69208		53.5	56.3	56.6	53.8	50.0	47.3
LASB50073	69079		50.8	57.60	55.3	53.7	49.4	47.0
6963	6		53. 1	58:1	55.7	52.4 WORK	49.71	46.4

239958 NON

Document No.: AREAG-WO-DOP-12

Revision: Effective Date: 0, IPC-1 4/11/2016

Page:

23 of 33

ATTACHMENT 2

Page 2 of 3

6.[4] Date: From 4-11-16 to 4-17-16

UET

Comments:

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Container ID #	Temp (°F) (6.[8]/6.[9]/6.[10])							
FA-54-0375 Cell 1 (contin	ued)							
69616		52.8	56.5	56.2	52.4	49.4	47.2	
69417	N/A							
69620		52.9	56.6	55.4	52.5	49.7	46.8	
69520		52.9	56.5	55.1	52.9	49,9	47.0	
69641	XA	50.9	56.0	53.9	53.0	49.6	47.4	
69298	1	5a.4	56.7	53.9	52.1	49.4	46.9	
LASB02203 92669		52.9	56.7	53.8	52.8	499	469	
End Time (6.[15])		1311	1305	_13110	1314	1305	1305	
6.[15]	wo:	WO: VOY	WO: WO:	WO: VOY	WO: Other	WO: OLA	WO: WO:	

SWB/drum 69417 is no longer considered a RNS drum by LANL or NMED

ven If To Procedure

NOTE: Containers marked by an (*) are POCs.



AREAG-WO-DOP-12 0, IPC-1 4/11/2016 Document No.:

Revision: Effective Date:

Page:

24 of 33

AT	TACI	11	M	E	N	T	2
7	Page	3	n	f	3		

6.[4] Date:	From 4/11	116 to 4	17/16

Waste Operator (print)	Signature	musture.	Z#	Initials	14/12/110 Date	Waste Operator (print)	Signature	— 17152 Z#	Initials	Date
Leon Marto		=	1		14-12-16	Tina Aguirm	- Trunker	Mah	ang	+ 4-12-
Waste Operator (print)	Signature		Z#	Initials	Date //	Waste Operator (print)	Signature O	Z#	Initials	Date
Dvan Garcia	Myline	in the second	1169840	7.7.	14-13-16	hea makey	re	V9/50	161 110	147676
Waste Operator (print)	Signature	50	- Z#	(Local	Date 14/13/18	Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature ,	2.	Z#	Initials	Date	Ling Achirce	This Am	- brea	nox	14-67-1
Valerie Martino		Motion	2/23995		1 4/14/16	Waste Operator (print)	Signature \(\)	Z#	Initials	Date
Waste Operator (print)	Signature	- () Z#	Initials	Date 14-14-16	less menting	al ===	- 119152	ed en	14-17-10
Waste Operator (print)	Signature		Z#	Initials	Date	Waste Operator (print)	Signature	Z#	Initials	Date
Tina Aguirm		- was	27497	101	14-15-16		1	1	1	1
Waste Operator (print)	Signature	O	Z#	Initials	Date	Waste Operator (print)	Signature	Z#	Initials	Date
							1	1	1	1
						Waste Operator (print)	Signature	Z#	Initials	Date

).1[2] Reviewed by				
	1	1	1 1	
SOM (print)	Signature	Z#	Initials Date	



AREAG-WO-DOP-12 Document No.:

Revision: 0, IPC-1 Effective Date: 4/11/2016 25 of 33

Page:

UET

ATTACHMENT 3 Page 1 of 3

TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 4-11-16 to 4-17-16

	Monday 6.[4] Start Time:	Tuesday 6.[4] Start Time: <u>/323</u>	Wednesday 6.[4] Start Time: <u>1306</u>	Thursday 6.[4] Start Time: <u>1317</u>	Friday 6.[4] Start Time: 1305	Saturday 6.[4] Start Time: 1311	Sunday 6.[4] Start Time: 1306
TA-54-0375 Cell 2							
Calibrated infrared thermometer (4.2[1][B])	Brand: Model: Cal. Due Date: File Number	Brand: FIVE Model: 5UL Cal. Due Date: 7-16-110 File Number 019110	Brand: FLUKE Model: Stol Cal. Due Date 7-10-116 File Number 101916	Brand FIU CP Model: 5 LP Cal. Due Date: 7 16 110 File Number 10 19 10	Brand Fuce Model 56(Cal Due Date 7-6-16 File Number 10 R 16	Brand: Fluce Model: 561 Cal Due Date: 7-6-6 File Number 101916	Brand: Fluke Model: 561 Cal. Due Date: 7-6-1 File Number 18/915
Ambient Temperature (6.[5])	→ °F	<u>49.1 °</u> F	51.9 °F	<u>66.1</u> %	50,3°F	\$0.5 °F	49.3°F
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[6])	□ SAT □ UNSAT	SAT UNSAT	SAT UNSAT	SAT 🗆 UNSAT	B-SAT □ UNSAT	6 SAT D UNSAT	B SAT O UNSAT
Container ID #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
LASB02198 68408	1	50.4	51.9	50.7	50.0	501	47.7
68638	NKI	50.4	52.3	51.9	51.5	503	48.9
69615		50.9	53.8	53.0	52.0	50.2	47.7
69635		51.4	54.2	53.2	52,6	50.7	48.0
69642		51.10	547	53.3	52.7	50.6	48,1
69630		51.4	54.9	52.9	53.0	50.7	481
69633		51.4	53.7	53.W	528	50.5	48.1
68430		51.3	53.5	54.1	52.8	50.7	48.2
68631		50.0	52.9	50.5	49.7	509	48.6
69634		48.1	49.8	48.7	50.6	51.2	48.6
68567	1	49.5	5004.11.152.0	50.3	511	51.0	48.9
94227		50.441210	53.6	51.9	52.1	50.8	48.4
LASB50442 68648		49.8 VM.56.4	53.1	50.2	51.4	50.9	48.7
69644		51. 3249.7	51.4	51.9	52,5	50.9	48.3
LASB50443 69183		51.3%	53.7	50.3	51.6	51.2	49.5
69638		51-1	53.2	50.7	5 de Gue more	50:0	48.6



Document No.: AREAG-WO-DOP-12

Revision: Effective Date:

0, IPC-1 4/11/2016

Page:

26 of 33

ATTACHMENT 3

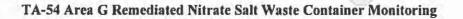
Page 2 of 3

6.[4] Date: From 4-11-17 to 417-16

UET

		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Containe	r ID#	Temp (°F) (6.[8]/6.[9]/6.[10])							
TA-54-0375 C	ell 2 (continu	ued)							
6862	4		51.7	54.5	53.0	52.4	50.7	483	
6850	7		50.3	52.6	52.1	50.6	50.8	49.1	
6956	8		50.4	52.9	51.2	50.5	51.0	49.2	
6955	3		49.8	52.2	52.3	565	51.3	491	
6959	8		49.7	52.7	51.7	51.2	51.1	48.9	
	92472	ax M	49.3	52.5	51.0	50.2	50.8	49.2	
LASB50559	92459	/*\	149.4	52.2	50.7	50.5	51.3	494	
6901	5		50.0	52.6	51.2	50.5	50.9	49.0	
6963	9		50.3	52.8	51.3	50.5	51.0	1489	
6963	7		50.4	53.2	50.1	50.2	504	148.8	
End Time (6.[1	5])		1327	_1311	1321	1309	1315	1311	
	6.[15]	WO: WO:	WO: VOY	WO: WO:	Wo: Y	wo:	WO:	WO:	

Comments: New IPC To precedure



Z#

Initials Date

Document No.: AREAG-WO-DOP-12

Revision: 0, IPC-1 Effective Date: 4/11/2016

Page: 27 of 33

ATTACHMENT 3
Page 3 of 3

6.[4] Date: From 4-11-16 to 4-17-/6

Signature

UET

SOM (print)

6.[19] Performed by:	1100 -	00.		11.21.	Lun monto		= 1952	G e	1.41041
Waste Operator (print)	J. STOPLINI	Muthod 23			Waste Operator (print)	Signature	Z#	Initials	Date
Lun mantoy	Signature /	Z# V9/2	Initials	Date 1 4-12-16 -	Timatauire	Trunder	Chur	204	14-16-11
Waste Operator (print)	Signature	Z#	Initials		Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature Signature	~ 1/67	8401 fridges	1 4-13-16 Date	bon mosto	41-12	E 191526	11 4	147676
Loon montoya		e 100	26/20	1473-16	Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature : 7	M. J in 127	Initials	Date	Ina Agrice	700			14-17-16
Waste Operator (print)	Signature	Muturiz 1239	Initials	/ 4 / 14/16 Date	Waste Operator (print)	Signature	Z#	Initials	Date
Leamentope			524 400	1474-16	Lean mentage	1	- 171526		14776
Waste Operator (print)	Signature	Z#	Initials	Date	Waste Operator (print)	Signature	Z#	Initials	Date
max quire		H	max	14-15-16		/	1	1	/
Waste Operator (arint)	Signature	\ Z#	Initials	Date	Waste Operator (print)	Signature	Z#	Initials	Date
						1	1	1	1
					Waste Operator (print)	Signature	Z#	Initials	Date
0.1703 70 1									
9.1[2] Reviewed by:									



AREAG-WO-DOP-12 Document No.:

Revision: 0, IPC-1 Effective Date: 4/11/2016

Page:

28 of 33

UET

ATTACHMENT 4 Page 1 of 3

TA-54-0375 CELL 3 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

		6.	nday [4] Time:	Tuesday 6.[4] Start Time:	Wednesday 6.[4] Start Time: 1312	Thursday 6.[4] Slag Time: 1322	Friday 6.[4] Start Time:	Saturday 6.[4] Start Time:	Sunday 6.[4] Start Time.
TA-54-0375 Cell 3								***	
Calibrated infrared (4.2.[1][B])	thermometer	Model Cal. Due l		Brand Fluke Model: 501 Cal Due Date 10.21.10 File Number 101912	Brand CUKE Model SO Cal Due Date 7-29-10 File Number 103867	Brand Fluke Model Sill Cal Due Date 7-39-76 File Number 1038 let	Model: Cal Due Date: 1-27-16 File Number	Brand Fluke Model 561 Cal Due Daje -29-16 File Number 103867	Model Cal Due Date: 7.29-165 File Number 10.3867
Ambient Temperat	ure		°F	52.5°F	53.4 °F	55.1°F	53.9 °F	51.6°F	49,6 °F
(S) Temperature < SR 4.ESS.5.1 (6.[6]		□ Soft	INSAT	SAT DUNSAT	SAT II UNSAT	SAT UNSAT	SAT UNSAT	G-SAT D UNSAT	SAT DUNSAT
Container	1D#		p(°F) 9/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6,[8]/6,[9]/6,[10])
69519)			51.6	53.2	53.3	524	50.3	49.5
69645	5			51.7	52.2	50.8	51.8	50.5	49.3
94068	3			51.3	52.5	59.8	52.4	50.9	499
93605	5			91.9	53.5	53.6	53.2	51.0	50.2
69548	3			52.0	53.8	548	53.2	51.1	50.0
*69604	*			53.1	53.3	54.5	52.8	50.8	50.7
LASB50529	68665			50.0	53.9	53.7	529	50.9	49.5
LASB50418	69595			53.1	53.5	54.3	53.5	50.2	492
69036	5			53.0	53.1	S4.8	53.4	50,5	49.5
LASB50451	69361			5a.v	54.2	54.5	53.4	50.7	424
69559)			52.4	54.2	55.5	53.8	50.9	50.0
LASB50448	69491			50.7	54.6	55.0	54.0	51.0	149.9

WORKING COPY



Document No.:

AREAG-WO-DOP-12 0, IPC-1

Revision: Effective Date:

4/11/2016

Page:

29 of 33

ATTACHMENT 4 Page 2 of 3

6.[4] Date: From 4-11-16 to 4-17-16

Container ID #	Temp (°F) (6.[8]/6.[9]/6.[10])						
TA-54-0375 Cel	13 (continued)						24 4-17-16
87827		53.0	54.2	55.1	53.7	541	1305 49
87826		52.3	53.6	55.4	543	51.3	50.0
87823		53.2	54.4	54.9	54.0	50.0	49.1
87825	11	53.3	. 55.1	55.2	55.2	50.4	49.0
End Time (6.[15])	-	_1333_	1315	_/395_	1304	1310	1317
6.[15]	WO: WO:	WO: VOO	WO: WO:	WO: VOY) WO:	WO:	WO:	Wo: Wo:

		freedire	
 	 		-n.



Z#

Initials Date

Document No.: AREAG-WO-DOP-12

Revision: 0, IPC-1 Effective Date: 4/11/2016

Page: 30 of 33

ATTACHMENT 4 Page 3 of 3

6.[4] Date: From 7-12-16 to 4-)7-16

Signature

UET

SOM (print)

6.[19] Performed by:	2, Warning Mr	Luci23958 M	mylaly	Lun monts				4-15-16
Waste Operator (print)	Signature	Z# Init		Waste Operator (print)	Signature	Z#	Initials	Date
Len monte			2/1/276	Ting Aguir	e Trans	whise	mara	4-16-16
Waste Operator (print)	Signature //	Z# Init		Waste Operator (print)	Signature O	Z#	Initials	Date
Juan Garcia	1 (Junt Journ	16890 1 4	1 14-13-16		,	,	,	,
Waste Operator (print)	Signature/	- Z# (Hill	ials Date	Waste Operator (print)	Signature	Z#	Initials	Date
- Lear Mentoxa	1/20	1915261 6	14 1413-18	s waste Operator (print)	Signature	_		
Waste Operator (print)	Signature		ials Date)	town pound	The Total	17152	1 Llagi	4-16-16
Valence Martino	1 Valence Mart	NB 63468/1	m/4/14/11	Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature /	Z# Init	ials Date	ting Harris	D 1.	-Athyan	ter.	4-12-1
Waste Operator (print)	Signature 1		ials Date	Waste Operator (print)	Signature	Z#	Initials	Date
Jun Aguirra		OMONYO	4 14-15-16	been men	*	= 171520	1 1000	4-17-16
Waste Operator (print)	Signature	Z# Init	ials Date	Waste Operator (print)	Signature	Z#	Initials	Date
					,	,		,
				Wasta Oscarton (print)	Cianatura	Z#	Initials	Date
				Waste Operator (print)	Signature	ZII	minais	Date
9.1[2] Reviewed by:								

Document No.: AREAG-WO-DOP-1

Revision: Effective Date:

0, IPC-1 4/11/2016

Page:

22 of 33

ATTACHMENT 2

Page 1 of 3

TA-54-0375 CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 4-18-16 to 4-24-16

		Monday 6.[4] Start Time: 1134	Tuesday 6.[4] Start Time:	Wednesday 6.[4] Start Time:	Thursday 6.[4] Start Time:	Friday 6.[4] Start Time:	Saturday 6.[4] Start Time:	Sunday 6.[4] Start Time:
TA-54-0375 C	ell 1							
Calibrated infra thermometer	red	Brand	Brand:	Brand:	Brand:	Brand:	Brand:	Brand: Model:
(4.2[1][B])		Model:	Model:	Model: Cal. Due Date:	Model:	Model: Cal. Due Date:	Model:	Cal. Due Date:
		Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	File Number
		File Number 101974	File Number					
Ambient Temperature(6.	[5])	43.4 °F	°F	°F	°F	°F	°F	°F
(\$) Temperature SR 4.ESS.5.1 (,	SAT UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT
Containe	r ID#	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
6868	35	44.4						
	68540	42.4						
LA000000705	00000	41.9						
6944	1.5	424						
6961		42.6						
6901	3	42.8						
LASB50522	69076	43.2						
LASB50452	69490	43.3						
LASB50431	69280	43.0						
LASB50069	69208	43.2						
LASB50073	69079	43.6						
6963	6	43.3				11371	13 CY ***	

17	174977	HARLES DE SERVICIO (LIMBORIS ALIA)	
j sine	CAL	4-18-	1

Document No.: AREAG-WO-DOP-

Revision: Effective Date:

0, IPC-1 4/11/2016

Page:

23 of 33

ATTACHMENT 2 Page 2 of 3

6.[4] Date: From 4-18-16 to 4-24-16

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
ued)						
43.9						
N/A	N/A	N/A	N/A	N/A	N/A	N/A
43.1						
42.8						
43.1						
43.2						
						V-12-11-1
1338						
wo: Out.	WO:	WO:	WO:	WO:	WO:	WO:
WO:	WO:	WO:	WO:	WO:	WO:	WO:
	Temp (°F) (6.[8]/6.[9]/6.[10]) ued) 43.9 N/A 43.1 42.8 43.1 43.2 43.1	Temp (°F) (6.[8]/6.[9]/6.[10]) ued) 43.9 N/A N/A N/A N/A 13.1 13.38 WO:	Temp (°F)	Temp (°F)	Temp (°F)	Temp (°F) (6.[8]/6.[9]/6.[10]) Temp (°F) (6.[8]/6.[9]/6.[10])

Comments.			

SWB/drum 69417 is no longer considered a RNS drum by LANL or NMED

NOTE: Containers marked by an (*) are POCs.

Document No.: AREAG-WO-DOP-1 Revision: 0, IPC-1

Effective Date:

4/11/2016

Page:

24 of 33

ATTACHMENT 2 Page 3 of 3

6.[4] Date: From 4-18-16 to 4-24-16

Timathurre	Ruskeus	> n49	14-14-18
Waste Operator (print)	Signature Signature	1698	Initials Date
Waste Operator (print)	Signature	Z#	Initials Date
Waste Operator (print)	Signature	Z# /	Initials Date
Waste Operator (print)	Signature	Z# /	Initials Date
Waste Operator (print)	Signature /	Z# /	Initials Date
Waste Operator (print)	Signature	Z# /	Initials Date
Waste Operator (print)	Signature	Z#	Initials Date

	/	1		1	1
Waste Operator (print)	Signature		Z#	Initials	Date
	1	1		1	1
Waste Operator (print)	Signature		Z#	Initials	Date
	1	1		1	1
Waste Operator (print)	Signature		Z#	Initials	Date
	1	1		1	1
Waste Operator (print)	Signature		Z#	Initials	Date
	/	1		1	1
Waste Operator (print)	Signature		Z#	Initials	Date
	1	1		1	1
Waste Operator (print)	Signature		Z#	Initials	Date
	1	1		/	1
Waste Operator (print)	Signature		Z#	Initials	Date

9.	1[2]	Reviewed	by:
----	------	----------	-----

			/
SOM (print)	Signature	Z#	Initials Date

Document No.: AREAG-WO-DOP-

Revision: 0, IPC-1 Effective Date: 4/11/2016

Page: 25 of 33

ATTACHMENT 3

Page 1 of 3

TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 4-18-16 to 4-24-16

UET

	Monday 6.[4] Start Time: 1339	Tuesday 6.[4] Start Time:	Wednesday 6.[4] Start Time:	Thursday 6.[4] Start Time:	Friday 6.[4] Start Time:	Saturday 6.[4] Start Time:	Sunday 6.[4] Start Time:
TA-54-0375 Cell 2							
Calibrated infrared thermometer (4.2[1][B])	Brand: Pluce Model: 5-61 Cal Due Date: 7-8-16 File Number 101916	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:
Ambient Temperature (6.[5])	45.3 °F	°F	°F	°F	°F	°F	°F
(\$) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[6])	SAT 🗆 UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT
Container ID #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
LASB02198 68408	45.3						
68638	45.9						
69615	44.4						
69635	44.9					~	
69642	44.4						
69630	44.5						
69633	44.8						
68430	44.5						
68631	44.4						
69634	45.8	ii.					
68567	46.0						
94227	45.9						
LASB50442 68648	45.9						
69644	45.8						
LASB50443 69183	42.9						
69638	45.8				termina none	77	

174977 4-18-16

Document No.: AREAG-WO-DOP-N Revision: 0, IPC-1

Effective Date:

4/11/2016

Page:

26 of 33

ATTACHMENT 3 Page 2 of 3

6.[4] Date: From 4-18-16 to 4-24-16

UET

Comments:

		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Containe	er ID #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])
TA-54-0375 C	ell 2 (contin	ued)						
6862	24	41.2						
6850)7	46.5						
6950	58	42.4						1
6955	53	46.4						
6959)8	45.9						
	92472	46.7						
LASB50559	92459	47.1						
690	15	42.0						
6963	39	46.8						
6963	37	46.1						
End Time (6.[[5])	1343						
	6.[15]	WO: Obly	WO: WO:	WO: WO:	WO: WO:	WO WO:	WO: WO:	WO: WO:

Document No.: AREAG-WO-DOP-Revision: 0, IPC-1 Effective Date: 4/11/2016 Page: 27 of 33

UET

ATTACHMENT 3 Page 3 of 3

6.[4] Date: From 4-18-16 to 4-24-16

.[19] Performed by:	1 - 1 SE	Laste	\sim 1	11 1011		I	1	1 1
Waste Operator (print)	Signature Signature	7# 1/697	Initials,	1 11 100 11	Waste Operator (print)	Signature /	Z#	Initials Date
Waste Operator (print)	Signature	Z# /	Initials	Date /	Waste Operator (print)	Signature	Z#	Initials Date
Waste Operator (print)	Signature /	Z#	Initials	Date /	Waste Operator (print)	/ Signature	/ Z#	/ / Initials Date
Waste Operator (print)	Signature	Z#	Initials	Date	Wasta Operator (exist)	Pianatura	/ Z#	/ / Initials Date
Waste Operator (print)	Signature	Z#	Initials	Date	Waste Operator (print)	Signature /	Z# /	Initials Date
Waste Operator (print)	Signature /	Z# /	Initials	Date /	Waste Operator (print)	Signature	Z#	Initials Date
Waste Operator (print)	Signature	Z#	Initials	Date	Waste Operator (print)	Signature	Z#	Initials Date
						1	1	1 1
					Waste Operator (print)	Signature	Z#	Initials Date
1[2] Reviewed by:								
	1	1	1	1				
SOM (print)	Signature	Z#	Initials	Date				

Document No.: AREAG-WO-DOP-1

Revision: Effective Date: 0, IPC-1 4/11/2016

Page:

28 of 33

ATTACHMENT 4 Page 1 of 3

TA-54-0375 CELL 3 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 4-18-16 to 4-24-16

		Monday 6.[4] Start Time:	Tuesday 6.[4] Start Time:	Wednesday 6.[4] Start Time:	Thursday 6.[4] Start Time:	Friday 6.[4] Start Time:	Saturday 6.[4] Start Time:	Sunday 6.[4] Start Time:
TA-54-0375 Cell	3							
Calibrated infrared thermometer (4.2.[1][B])		Brand	Brand:	Brand:	Brand:	Brand:	Brand:	Brand
(4.2.[1][D])		Model 561	Model	Model:	Model:	Model	Model	Model:
		Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:
		File Number	File Number	File Number	File Number	File Number	File Number	File Number
Ambient Temperature (6.[5])		<u>ч7.7</u> °ғ	°F	°F	°F	°F	°F	°F
(\$) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[6])		SAT UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT
Containe	er ID#	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10]
695	19	47.8						
6964	45	47.1						
9400	68	48.3						
9360	05	49.0						
6954	48	485						
6960	04	48.4						
LASB50529	68665	48.1						
LASB50418	69595	50.0						
6903	36	48.1						
LASB50451	69361	48.2						
69559		47.7						
LASB50448	69491	481						

WORKING COPY

१८५५२२	
INITIAL OX	DATE 4-18-16

Document No.: AREAG-WO-DOP-

Revision: Effective Date:

0, IPC-1 4/11/2016

Page:

29 of 33

ATTACHMENT 4 Page 2 of 3

6.[4] Date: From 4-18-16 to 4-24-16

Container ID #	Temp (°F) (6.[8]/6.[9]/6.[10])						
TA-54-0375 Cel	13 (continued)						
87827	48.3						
87826	48.1						
	46.1						
87825	45.8		•				
End Time (6.[15])	1349						-
6.[15]	wo: Wo:	WO: WO:	WO: WO:	WO: WO:	WO: WO:	WO: WO:	WO: WO:

Comments:			

Document No.:

AREAG-WO-DOP-

Date

Date

Date

Date

Date

Date

Date

Revision: Effective Date: 0, IPC-1 4/11/2016

Page:

30 of 33

ATTACHMENT 4

Page 3 of 3

6.[4] Date: From 4-18-16 to 4-24-16

6.[19] Performed by:	the Lee ==	PHY	home	14-18-16		1	1	1
Waste Operator (print)	Signature	Z#	Initials	Date	Waste Operator (print)	Signature	Z#	Initials
Juan Garcia	Man prices		840/4	7701			1	
Waste Operator (print)	Signature /	Z# /	Initials	Date /	Waste Operator (print)	Signature	Z#	Initials
Waste Operator (print)	Signature	Z#	Initials	Date	Waste Operator (print)	/ Signature	/ Z#	/ Initials
Waste Operator (print)	Signature	Z#	Initials	Date		1	1	1
		1		/	Waste Operator (print)	Signature	Z#	Initials
Waste Operator (print)	Signature /	Z#	Initials	Date /		1	1	1
Waste Operator (print)	Signature	Z#	Initials	Date	Waste Operator (print)	Signature	Z#	Initials
		1	1	/		1	1	1
Waste Operator (print)	Signature	Z#	Initials	Date	Waste Operator (print)	Signature	Z#	Initials
						1	1	1
					Waste Operator (print)	Signature	Z#	Initials
.1[2] Reviewed by:								
		1	1	/				
SOM (print)	Signature	Z#	Initials	Date				

Document No.: A

AREAG-WO-DOP-124

Revision:

0, IPC-2 April 18, 2016

Effective Date: Page:

22 of 33

ATTACHMENT 2

Page 1 of 3

TA-54-0375 CELL 1 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 4-18-16 to 4-24-16

UET

		Mon 6.[- Start T	4]	Tuesday 6.[4] Start Time: 13/0	Wednesday 6.[4] Start Time:	Thursday 6.[4] Start Time:	Friday 6.[4] Start Time:	Saturday 6.[4] Start Time:	Sunday 6.[4] Start Time:
TA-54-0375 Ce	II 1								
Calibrated infra	red	Brand:		Brand: Floke	Brand:	Brand:	Brand	Brand:	Brand:
thermometer (4.2[1][B])		Model		Model:	Model	Model	Model	Model	Model
(4.2(1)[D])				Model:					Cal Due Date:
		Cal. Due Da	ate:	Cal. Due Date.	Cal Due Date	Cal. Due Date:	Cal. Due Date:	Cal. Due Date	
		File Numbe	r	File Number					
Ambient Temperature(6.[5])		-°F	53.4 °F	oF	oF	°F	°F	°F
(S) Temperature SR 4.ESS.5.1 (6	- /	o salo	UNSAT	SAT DUNSAT	□ SAT □ UNSAT				
Container	ID#	Temp (6.[8]/6.[9		Temp (°F) (6.[8]/6.[9]/6.[10])					
6868	5			52.4					
	68540			52.3					
LA0000007050	3 68553		1	52.3					
6944	5			52.4					
6961	8			52.2					
6901.	3			57.1					
LASB50522	69076		1	51.0					
LASB50452	69490			51.6					7
LASB50431	69280			50.4					
LASB50069	69208		1	51.5					
LASB50073	69079			502					
6963	6			506					

WORKING GOFT

Document No.: AREAG-WO-DOP-125-

0, IPC-2

Revision: Effective Date:

Effective Date: April 18, 2016

Page:

23 of 33

ATTACHMENT 2

Page 2 of 3

6.[4] Date: From 4.18-16 to 4.24-16

UET

Comments:

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Container ID #	Temp (°F) (6.[8]/6.[9]/6.[10])						
l'A-54-0375 Cell 1 (contin	ued)						
69616		50.5					
69417	N/A	NA	NiA	N/A	N/A	NiA	NA
69620		50.8					
69520	1	50.7					
69641	127	50.9					
69298	10	50.5					
LASB02203 92669		50.2					
End Time (6 [14])		1315					
6.[14]	WO: WO:	WO: FH	WO:	WO: WO:	WO: WO:	WO: WO:	WO: WO:

/			

SWB/drum 69417 is no longer considered a RNS drum by LANL or NMED

sen ISC 2 Ker

NOTE: Containers marked by an (*) are POCs.

AREAG-WO-DOP-12-Document No.:

Revision: Effective Date:

0, IPC-2 April 18, 2016 24 of 33

Page:

ATTACHMENT 2 Page 3 of 3

6.[4] Date: From 4-18-16 to 4-24-16

Waste Operator (print)	Signature	<u>O</u> Z#	103 F14 Initials 261 Lm	Date 19-18
Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	Z#	Initials	Date

		1		
Waste Operator (print)	Signature	Z#	Initials	Date
	1	1	1	
Waste Operator (print)	Signature	Z#	Initials	Date
	1	j.	1	
Waste Operator (print)	Signature	7,#	Initials	Date
	4	1	9	
Waste Operator (print)	Signature	Z#	Initials	Date
	1	4	1	
Waste Operator (print)	Signature	Z#	Initials	Date
	1	1	7 7	
Waste Operator (print)	Signature	Z#	Initials	Date
	7		3	
Waste Operator (print)	Signature	Z#	Initials	Date

9.1[2] Reviewed by:

A CONTRACTOR OF THE CONTRACTOR	9.50	12200 0	5 92 67 62	25000
SOM (print)	Signature	2#	Initials	Date

Document No.: AREAG-WO-DOP-1246-

Revision: 0. IPC-2 April 18, 2016 Effective Date:

Page: 25 of 33

ATTACHMENT 3
Page 1 of 3

TA-54-0375 CELL 2 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 4-18-16 to 4-24-16

	Monday 6.[4] Start Time:	Tuesday 6.[4] Start Time:	Wednesday 6.[4] Start Time:	Thursday 6.[4] Start Time:	Friday 6.[4] Start Time:	Saturday 6.[4] Start Time:	Sunday 6 [4] Start Time.
TA-54-0375 Cell 2							
Calibrated infrared thermometer Nodel (4.2[1][B]) Cd. Due Date File Number		Brand Fluke Model S(0) Cal. Due Date 7-8-16 File Number 10 916	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.[5])		49.9 °F	op	%F	ok	oF	F.
(S) Temperature ≤ 75°F SR 4.ESS.5.1 (6.[6])	E SAT E UNSAT	SAT CUNSAT	D SAT C UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT
Container ID #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6 [8]/6 [9]/6 [10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6 [8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6 [10])	Temp (*F) (6.[8]/6.[9]/6.[10])
LASB02198 68408		50.1					
68638		50.6					
69615		50.8					
69635		51.4					
69642		51.9					
69630	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	54.4					
69633	////	51.1					
68430	N \	51.2					
68631		50.3					
69634		49.9					
68567		50.3					
94227		50.7					
LASB50442 68648		50.5					
69644		50.9					
LASB50443 69183		50.7					
69638	1	51.0				Lanes and the same of the same	

Document No.:

AREAG-WO-DOP-124u

Revision: Effective Date:

0, IPC-2 April 18, 2016

Page:

26 of 33

ATTACHMENT 3 Page 2 of 3

6.[4] Date: From 4-18-16 to 4-24-16

		Monday		Wednesday	Thursday	Friday	Saturday	Sunday
Containo	Container ID # Temp (°F) (6.[8]/6.[9]/6.[10])		Temp (°F) (6.[8]/6.[9]/6.[10])					
TA-54-0375 C	ell 2 (continu	ued)						
68624			51.3					4.0-124-0-104) (0-124-0-124-0-124)
6850)7		50.7					
695	58		50.1					
695	53		49.9					
695	98		50.2					
	92472		50.9					
LASB50559	92459	19	50.3					
690	15	N	50.4					
696	39		50.3					
696	37		50.6					
End Time (6.[14])		1339					
	6.[14]	WO:	WO: FA	WO:	WO:	WO	WO:	WO:
		WO:	WO:	WO:	WO:	WO:	WO:	WO:

Document No.: AREAG-WO-DOP-1246-

Revision: 0, IPC-2 Effective Date: April 18, 2016

Page: 27 of 33

UET

ATTACHMENT 3 Page 3 of 3

6.[4] Date: From 4-18-16 to 4-24-16

Waste Operator (print)	Signature	14/50	Initials 26/11/19	Date 477
Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	ZA	Initials	Date
Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	Z#	Initials	Date
Waste Operator (print)	Signature	Z#	Initials	Date

	4	/	4 1
Waste Operator (print)	Signature	Z#	Initials Date
	- V	- 1	1 1
Waste Operator (print)	Signature	Z#	Initials Date
	1	+	1
Waste Operator (print)	Signature	Z#	Initials Date
	7	t .	. 1
Waste Operator (print)	Signature	Z#	Initials Date
	1	1	1 1
Waste Operator (print)	Signature	Z#	Initials Date
	1	1	D 1
Waste Operator (print)	Signature	Z#	Initials Date
	T	- 1	1 1
Waste Operator (print)	Signature	Z#	Initials Date

9.1[2] Reviewed by:

SOM (print)	Signature	7.#	Initials	Date

Document No.:

AREAG-WO-DOP-1246-

Revision: Effective Date: 0. IPC-2 April 18, 2016

Page:

28 of 33

ATTACHMENT 4

Page 1 of 3

TA-54-0375 CELL 3 RNS WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[4] Date: From 4-18-16 to 4-24-16

		1	londay 6.[4] at Time:	Tuesday 6.[4] Start Time: 134/0	Wednesday 6.[4] Start Time:	Thursday 6.[4] Start Time:	Friday 6.[4] Start Time:	Saturday 6.[4] Start Time:	Sunday 6.[4] Start Time:
TA-54-0375 Cell	3								
Calibrated infrared thermometer (4.2.[1][B])		Brand		Brand Flu/Ce	Brand	Brand	Brand:	Brand	Brand
		Model		Model 561	Model	Model	Model	Model*	Model
		Cal Du	e Date.	Cal Due Date 7-29-16	Cal Due Date:	Cal Due Date	Cal. Due Date.	Cal. Due Date	Cal. Due Date
		File N	mber	File Number 103 867	File Number				
Ambient Tempera (6.[5])	iture		°F.	51.9 %	ols	cl:	oF	ck.	
(S) Temperature SR 4.ESS.5.1 (6.]		□ SAT	UNSAT	SAT UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	□ SAT □ UNSAT	S SAT D UNSAT	E SAT E UNSAT
Containe	er ID#		mp (°F) 6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6,[8]/6,[9]/6,[10])	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6 [10])	Temp (°F) (6.[8]/6.[9]/6.[10])
695	19			50.9					
696-	15		IA	51.8					
9400	58	1	7/1	51.4					
9360)5	/"		51.8					
695	18			51.9					
6960)4			51.8					
LASB50529	68665			51.3					
LASB50418	69595			51.4					
6903	36			51.9					
LASB50451	69361			52.0					
695	59			52.2					
LASB50448	69491			52.2					

191526

Document No.: AREAG-WO-DOP-1246

Revision:

0. IPC-2

Effective Date: Page:

April 18, 2016

29 of 33

ATTACHMENT 4 Page 2 of 3

6.[4] Date: From 4-18-16 to 4.2476

Container ID #	Temp (°F) (6.[8]/6.[9]/6.[10])	Temp (*F) (6.[8]/6.[9]/6.[10])	Temp (°F) (6.[8]/6.[9]/6.[10])				
TA-54-0375 Cel	13 (continued)						
87827		51.7					
87826		52.3					
87823	1,	52.0					
87825	NA	62:4					
End Time (6.[14])	+	1345					-
6.[14]	WO: WO:	WO: FA	WO:	WO:WO:	WO:	WO: WO:	WO: WO:

New	Ifc 2	Levi		
		7		

Document No.: AREAG-WO-DOP-1246

Revision: 0, IPC-2 Effective Date: April 18, 2016

Page: 30 of 33

UET

ATTACHMENT 4 Page 3 of 3

6.[4] Date: From 47876 to 4.24.16

[18] Performed by: Falsian Araya Waste Operator (print)	Falso Aray	174963 7.#	FA-	14-19-16 Date 4-9-16	Waste Operator (print)	Signature	1	Z#	Initials	Date
been monton	1	191526	144	140c416		1	1		9	1
Waste Operator (print)	Signature	2#	Initials	Date 7-1916	Waste Operator (print)	Signature		Z#	Initials	Date
****	n	****				1	1		1	
Waste Operator (print)	Signature	Z#	Initials	Date	Waste Operator (print)	Signature		2#	Initials	Date
Waste Operator (print)	Signature	Z#	Initials	Date		Γ.	1			1
	4	y	1	1	Waste Operator (print)	Signature		Z#	Initials	Date
Waste Operator (print)	Signature	Z#	Initials	Date		1	1			
Waste Operator (print)	Signature	Z#	Initials	Date	Waste Operator (print)	Signature		Z#	Initials	Date
	1	1	1	1		r	7		1	4
Waste Operator (print)	Signature	Z#	Initials	Date	Waste Operator (print)	Signature		Z#	Initials	Date
						1	1		1	1
					Waste Operator (print)	Signature		2.#	Initials	Date

9.1[2] Reviewed by:

			1	1
SOM (print)	Signature	Z#	Initials	Date