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**Sent:** Monday, February 09, 2015 6:06 PM

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**Subject:** Daily Technical Submission - February 9, 2015

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

Please contact me if additional information would be helpful.

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# NMED / LANL Technical Summary

February 9, 2015

## LANL Technical Update:

- **Location of Nitrate Salt-Bearing Wastes**
  - Remediated nitrate salt-bearing waste containers.
    - All containers remain in the 375 Permacon.
  - Unremediated nitrate salt-bearing waste containers.
    - All containers remain in the 231 Permacon.
- **Monitoring - Daily Temperature**
  - Temperatures remain below 90°F.
    - Previous 3 days' temperature data attached.
- **Monitoring – Visual Inspections**
  - No abnormal conditions were observed.
- **Monitoring – headspace gas (HSG)**
  - Containers (SWBs) 68685 and SB50522.
    - Continue daily head space gas (HSG) sample collection.
      - February 7-9, 2015 HSG data attached.
        - H<sub>2</sub>, CO, CO<sub>2</sub> and N<sub>2</sub>O
  - Other containers:
    - A minimum of once per month HSG sampling will be conducted.
      - To date in February, LANL has conducted HSG sampling on 31 SWBs.
- **Additional measures currently underway**
  - As a conservative measure, LANL is currently conducting additional monitoring. This additional monitoring includes:
    - Containers (SWB) 68685 and SB50522.
      - LANL continuing *solid phase micro-extraction*.
      - Hourly temperature measurements are currently being performed on SWB 68685 and SB50522.
    - Five (5) other SWB overpacks (containing 55-gallon drums of remediated nitrate salt-bearing waste).
      - Continue twice-weekly HSG sample collection.
      - February 9, 2015 HSG data attached.
- **Anticipated Changes to Nitrate Salt-Bearing Waste Containers (e.g. movement, re-packaging)**
  - Currently, no further movements or re-packaging are occurring.

**Other:**

**Next Call:** Tuesday, February 10, 2015

### Summary Chart - Requested Information / Pending Issues:

|     | <b>Requested Information</b>  | <b>Actionee</b> | <b>Status</b> | <b>Completion Date</b>  |
|-----|---|-----------------|---------------|---|
| 1.  | NMED contact / process for LANL to notify NMED under the Revised Isolation Plan (e.g., 24 hour notices).  | NMED            | ---           | Complete<br>June 5, 2014  |
| 2.  | Keep NMED informed on the status of on-going chemistry / analytical work.   | LANL            | ---           | Complete<br>June 9, 2014  |
| 3.  | On upcoming daily call, provide additional discussion on the potential for liquids in the 350 post-1991 cemented containers (including a discussion of the review of RTR tapes).  | LANL            | ---           | Complete<br>July 6, 2014<br>(Discussion on call)<br>July 18, 2014<br>(Meeting held) |
| 4.  | On upcoming call, provide additional discussion on why 231 and 375 Permacon fire suppression systems are not part of the LANL RCRA Hazardous Waste Facility Permit Contingency Plan.  | LANL            | ---           | Complete<br>June 5, 2014  |
| 5.  | Send copy of June 4, 2014 written daily submission to Trais Kliphuis. Also, include her on future daily submissions.  | LANL            | ---           | Complete<br>June 5, 2014  |
| 6.  | Provide LANL procedures and example records associated with post-1991 TA-55 cementation process discussed on June 6.  | LANL            | ---           | Complete<br>July 3, 2014  |
| 7.  | Provide information on numbers of containers in the post-1991 cemented waste streams from the TA-55 process discussed on June 6. This should include numbers regarding RTR status (RTR'd, meet WIPP criteria, requiring remediation). | LANL            | ---           | Complete<br>June 17, 2014<br>(Supplemental Info provided July 3)                    |
| 8.  | Provide RTR video and pre-screening information associated with those containers requiring remediation from the post-1991 cemented waste streams from the TA-55 process discussed on June 6.  | LANL            | ---           | Complete<br>July 3, 2014  |
| 9.  | Provide copy of CCP/LANL Interface Document.  | LANL            | ---           | Complete<br>June 9, 2014  |
| 10. | Provide a list of the analytes for which LANL is sampling HSG (CO <sub>2</sub> and LFL analytes).   | LANL            | ---           | Complete<br>June 11, 2014   |
| 11. | Discuss potential sampling of HSG for NO <sub>x</sub> .   | LANL            | ---           | Complete<br>June 16, 2014   |

|     | <b>Requested Information</b>  | <b>Actionee</b> | <b>Status</b> | <b>Completion Date</b>   |
|-----|---|-----------------|---------------|--|
| 12. | Follow-up with Tim Hall regarding LANL Hazardous Waste Facility Permit and procedures that LANL is developing for possible future sampling of empty parent containers and unremediated nitrate salt-bearing containers at LANL. | LANL            | ---           | <p>Complete</p> <p>Empty Parent<br/>June 16, 2014</p> <p>Unremediated<br/>August 14, 2014<br/>(Supplemental information discussed on sampling of parent containers)</p> <p>August 26, 2014<br/>(Letter on applicability of LANL HWFP for opening waste containers)</p> |

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

|     | <b>Requested Information</b>   | <b>Actionee</b> | <b>Status</b>   | <b>Completion Date</b>  |
|-----|--|-----------------|---|---|
| 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<br><br>June 23, 2014   |
| 15. | NMED has requested ‘copies of any waste processing, treatment, characterization stop orders issued since Feb 14, 2014.’  | LANL            | ---   | Complete<br><br>June 13, 2014<br>(Included w/ daily summary)<br><br>June 16, 2014<br>(Discussed current TA-54 & WCRRF operations) |
| 16. | NMED requested information on the location of drums 68327 and 68328. Request made June 14.   | LANL            | ---   | Complete<br><br>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<br><br>July 2, 2014  |
| 18. | Neutralizer use in association with container S855793 (parent of 68660 and 68685).   | LANL            | ---   | Complete<br><br>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<br><br>September 30, 2014<br>(with August 26, 2014 response)   |
| 20. | Schedule follow-on update on LANL efforts – including teams.   | LANL / NMED     | ---   | Complete<br><br>August 14, 2014<br>(Meeting held)   |
| 21. | NMED requested information on document approval / review (as discussed on July 3 call).  | LANL            | ---   | Complete<br><br>July 29, 2014   |
| 22. | What analyses will be conducted on samples taken from empty drums that previously contained nitrate salt-bearing waste.  | LANL            | ---   | Complete<br><br>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<br><br>July 17, 2014<br>(Letter sent w/ information)<br><br>July 18, 2014<br>(Meeting held)                              |

|     | <b>Requested Information</b>   | <b>Actionee</b> | <b>Status</b>   | <b>Completion Date</b>                           |
|-----|--|-----------------|---|--|
| 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 <i>Response to Request for Information on Management of Waste at LANL.</i> | Complete<br>July 8, 2014                         |
| 25. | NMED requested an additional discussion on a future technical call regarding CO <sub>2</sub> , including data.           | LANL            | ---   | Complete<br>August 14, 2014<br>(Meeting held)    |
| 26. | NMED requested additional discussion on CIN-01 waste containers and absorbent, including confirmation and extent of use. | LANL            | ---   | Complete<br>July 18, 2014<br>(Meeting held)      |
| 27. | NMED requested historic analytical information on pH of liquids associated with gypsum cemented waste.                   | LANL            | ---   | Complete<br>August 7, 2014                       |
| 28. | NMED requested link to pdf of Actinide Quarterly edition (3 <sup>rd</sup> Q 2008).                                       | LANL            | ---   | Complete<br>July 21, 2014                        |
| 29. | NMED requested a copy of lessons learned   | LANL            | ---   | Complete<br>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<br>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<br>September 29, 2014<br>(meeting held) |
| 35. | Schedule a third update on LANL efforts – including teams.   | LANL / NMED     | ---   | Complete<br>October 20, 2014                     |

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

|     | <b>Requested Information</b>  | <b>Actionee</b> | <b>Status</b>  | <b>Completion Date</b>  |
|-----|---|-----------------|--|---|
| 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<br>LANL will submit this documentation in batches as it becomes available. | Submitted 100 out of 586 RTRs and documentation on October 3, 2014. Submitted documentation for 101-200 containers on October 10, 2014. Submitted documentation for 201-300 containers on October 16, 2014. Submitted documentation for 301-400 containers on October 23, 2014. Submitted documentation for 401-500 containers on October 27, 2014. Submitted documentation for 501-586 containers on November 12, 2014. Submitted RTR Videos 101-150 on November 12, 2014. Submitted RTR Videos 151-200 on November 20, 2014. Submitted RTR Videos 201-250 on December 1, 2014. Submitted RTR Videos 251-300 on December 19, 2014. 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<br>October 27, 2014  |
| 40. | NMED requested a copy of the safety basis document for remediation planning when it is finalized.   | LANL            | Document is currently in Draft.  |   |
| 41. | Trending and correlation of temperature and HSG monitoring data.  | LANL            | In progress  |   |
| 42. | Schedule a fourth update on LANL efforts – including teams.   | LANL/<br>NMED   | ---  | Complete<br>November 3, 2014  |

|     | <b>Requested Information</b>   | <b>Actionee</b> | <b>Status</b>                                  | <b>Completion Date</b>  |
|-----|--|-----------------|--|---|
| 43. | Schedule a fifth update on LANL efforts – including teams.                       | LANL/<br>NMED   | ---  | Complete<br>November 20,<br>2014  |
| 44. | Schedule a sixth update on LANL efforts – including teams.                       | LANL/<br>NMED   | ---  | Complete<br>December 9, 2014  |
| 45. | NMED requested documentation regarding CIN01 drums.                              | LANL            | Email sent February 3, 2015. Letter to follow. |   |
| 46. | NMED requested documentation regarding duplicate drum number.                    | LANL            | In Progress                                    |   |
| 47. | NMED requested the ESS plan for temperature control and sampling once finalized. | LANL            | Document is currently in Draft.                |   |
| 48. | Schedule a seventh update on LANL efforts – including teams.                     | LANL/<br>NMED   | ---  | Complete<br>January 29, 2015.   |
| 49. | Fire suppression repair plan for Dome 231  | LANL            | ---  | This repair plan is no longer necessary because drum movement will not occur during the repair process. |
| 50. | NMED requested information regarding solution packages 36, 37, 57 and 78.        | LANL            | In Progress                                    |   |

**Remediated Nitrate Salt Container Headspace Gas Analysis**

|          | 68685              |        |                     |                      | 69553              |        |                     |                      | 69615              |        |                     |                      |
|----------|--------------------|--------|---------------------|----------------------|--------------------|--------|---------------------|----------------------|--------------------|--------|---------------------|----------------------|
| Date     | H <sub>2</sub> ppm | CO ppm | CO <sub>2</sub> ppm | N <sub>2</sub> O ppm | H <sub>2</sub> ppm | CO ppm | CO <sub>2</sub> ppm | N <sub>2</sub> O ppm | H <sub>2</sub> ppm | CO ppm | CO <sub>2</sub> ppm | N <sub>2</sub> O ppm |
| 02/07/15 | 126                | 349    | 7893                | 2038                 |                    |        |                     |                      |                    |        |                     |                      |
| 02/08/15 | 129                | 415    | 8455                | 2197                 |                    |        |                     |                      |                    |        |                     |                      |
| 02/09/15 | 136                | 421    | 8964                | 2393                 | 150                | 454    | 12646               | 1685                 | 105                | 293    | 6099                | 276                  |

**Remediated Nitrate Salt Container Headspace Gas Analysis**

|             | <b>69616</b>             |               |                           |                           | <b>SB50069</b>           |               |                           |                           | <b>SB50452</b>           |               |                           |                           |
|-------------|--------------------------|---------------|---------------------------|---------------------------|--------------------------|---------------|---------------------------|---------------------------|--------------------------|---------------|---------------------------|---------------------------|
| <b>Date</b> | <b>H<sub>2</sub> ppm</b> | <b>CO ppm</b> | <b>CO<sub>2</sub> ppm</b> | <b>N<sub>2</sub>O ppm</b> | <b>H<sub>2</sub> ppm</b> | <b>CO ppm</b> | <b>CO<sub>2</sub> ppm</b> | <b>N<sub>2</sub>O ppm</b> | <b>H<sub>2</sub> ppm</b> | <b>CO ppm</b> | <b>CO<sub>2</sub> ppm</b> | <b>N<sub>2</sub>O ppm</b> |
| 02/07/15    |                          |               |                           |                           |                          |               |                           |                           |                          |               |                           |                           |
| 02/08/15    |                          |               |                           |                           |                          |               |                           |                           |                          |               |                           |                           |
| 02/09/15    | 337                      | 712           | 17234                     | 3463                      | 485                      | 851           | 18429                     | 2320                      | 687                      | 653           | 14005                     | 2543                      |

Remediated Nitrate Salt Container Headspace Gas Analysis

|          | SB50522            |        |                     |                      |
|----------|--------------------|--------|---------------------|----------------------|
| Date     | H <sub>2</sub> ppm | CO ppm | CO <sub>2</sub> ppm | N <sub>2</sub> O ppm |
| 02/07/15 | 1727               | 416    | 30936               | 835                  |
| 02/08/15 | 1403               | 343    | 29184               | 780                  |
| 02/09/15 | 1868               | 432    | 33711               | 887                  |

Nitrate Salt-Bearing TRU Waste Container Monitoring

Document No.: EWMO-AREAG-FO-1246  
 Revision: 5  
 Effective Date: 11/03/14  
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UET

**ATTACHMENT 2**

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

6.[6] Date: From 2-2-15 to 2-8-15

|  | Monday<br>6.[6]<br>Start Time: <u>0819</u>  | Tuesday<br>6.[6]<br>Start Time: <u>0910</u>   | Wednesday<br>6.[6]<br>Start Time: <u>1044</u>   | Thursday<br>6.[6]<br>Start Time: <u>0955</u>  | Friday<br>6.[6]<br>Start Time: <u>0943</u>  | Saturday<br>6.[6]<br>Start Time: <u>0759</u>  | Sunday<br>6.[6]<br>Start Time: <u>0804</u>  |
|--|---|---|---|---|---|---|---|
| TA-54-231  |   |   |   |   |   |   |   |
| Calibrated Infrared Thermometer<br>(4.2.1[1][B]) | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>7/29/15</u><br>File Number: <u>101974</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>7/29/15</u><br>File Number: <u>101974</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>7/29/15</u><br>File Number: <u>101974</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>1/19/15</u><br>File Number: <u>101974</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>7-29-15</u><br>File Number: <u>101974</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>7-29-15</u><br>File Number: <u>101974</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>7-29-15</u><br>File Number: <u>101974</u> |
| Ambient Temperature<br>(6.[7])                   | <u>44.4</u> °F  | <u>53.3</u> °F  | <u>51.4</u> °F  | <u>58.1</u> °F  | <u>49.7</u> °F  | <u>48.8</u> °F  | <u>50.1</u> °F  |
| Container ID #                                   | Temp (°F)<br>(6.[8]/6.[9])  | Temp (°F)<br>(6.[8]/6.[9])  | Temp (°F)<br>(6.[8]/6.[9])  | Temp (°F)<br>(6.[8]/6.[9])  | Temp (°F)<br>(6.[8]/6.[9])  | Temp (°F)<br>(6.[8]/6.[9])  | Temp (°F)<br>(6.[8]/6.[9])  |
| S818435  | <u>49.3</u>   | <u>49.6</u>   | <u>54.0</u>   | <u>53.8</u>   | <u>51.4</u>   | <u>52.1</u>   | <u>53.2</u>   |
| S802833  | <u>48.6</u>   | <u>49.2</u>   | <u>53.3</u>   | <u>52.8</u>   | <u>50.0</u>   | <u>51.2</u>   | <u>52.7</u>   |
| S801676  | <u>49.6</u>   | <u>49.1</u>   | <u>54.1</u>   | <u>53.2</u>   | <u>50.6</u>   | <u>52.3</u>   | <u>52.0</u>   |
| S816810  | <u>52.9</u>   | <u>54.8</u>   | <u>55.0</u>   | <u>54.1</u>   | <u>55.6</u>   | <u>55.9</u>   | <u>57.7</u>   |
| 70069  | <u>52.9</u>   | <u>54.2</u>   | <u>54.9</u>   | <u>58.8</u>   | <u>55.1</u>   | <u>56.3</u>   | <u>57.0</u>   |
| S822844  | <u>53.2</u>   | <u>55.4</u>   | <u>55.4</u>   | <u>59.0</u>   | <u>56.1</u>   | <u>56.6</u>   | <u>58.5</u>   |
| S825879  | <u>52.6</u>   | <u>54.1</u>   | <u>54.6</u>   | <u>58.1</u>   | <u>55.0</u>   | <u>56.0</u>   | <u>56.9</u>   |
| S793724  | <u>52.9</u>   | <u>54.7</u>   | <u>55.4</u>   | <u>58.4</u>   | <u>55.4</u>   | <u>56.3</u>   | <u>57.5</u>   |
| S813545  | <u>51.8</u>   | <u>53.3</u>   | <u>54.5</u>   | <u>56.9</u>   | <u>54.3</u>   | <u>55.3</u>   | <u>56.8</u>   |
| S822713  | <u>52.1</u>   | <u>52.7</u>   | <u>55.4</u>   | <u>55.1</u>   | <u>53.2</u>   | <u>53.9</u>   | <u>55.2</u>   |
| S802739  | <u>50.4</u>   | <u>51.6</u>   | <u>54.9</u>   | <u>54.5</u>   | <u>52.0</u>   | <u>52.9</u>   | <u>54.4</u>   |
| 69907  | <u>49.8</u>   | <u>51.1</u>   | <u>54.8</u>   | <u>55.5</u>   | <u>51.9</u>   | <u>52.6</u>   | <u>54.0</u>   |
| S804995  | <u>50.5</u>   | <u>51.4</u>   | <u>54.6</u>   | <u>55.3</u>   | <u>52.2</u>   | <u>52.8</u>   | <u>54.3</u>   |
| S816434  | <u>51.1</u>   | <u>51.8</u>   | <u>54.5</u>   | <u>55.6</u>   | <u>52.3</u>   | <u>53.7</u>   | <u>53.9</u>   |

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Z# 114188

INITIAL SL DATE 2-2-15

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**ATTACHMENT 2**  
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6.[6] Date: From 2-2-15 to 2-8-15

| Container ID #                  | Monday                                     | Tuesday  | Wednesday  | Thursday   | Friday   | Saturday  | Sunday                                     |
|---------------------------------|--|--|--|--|--|---|--|
|                                 | Temp (°F)<br>(6.[8]/6.[9])                 | Temp (°F)<br>(6.[8]/6.[9])                                   | Temp (°F)<br>(6.[8]/6.[9])                                   | Temp (°F)<br>(6.[8]/6.[9])                                   | Temp (°F)<br>(6.[8]/6.[9])                                   | Temp (°F)<br>(6.[8]/6.[9])                          | Temp (°F)<br>(6.[8]/6.[9])                 |
| <b>TA-54-231 (continued)</b>    |  |  |  |  |  |   |  |
| S805289                         | 50.7                                       | 51.6   | 54.6   | 55.4   | 52.3   | 53.6  | 54.9                                       |
| S862888                         | 50.4                                       | 51.6   | 54.5   | 55.0   | 51.6   | 52.8  | 53.6                                       |
| 70072                           | 50.8                                       | 51.7   | 54.5   | 54.9   | 52.0   | 53.1  | 53.9                                       |
| S823184                         | 51.1                                       | 52.7   | 55.2   | 56.3   | 52.8   | 53.5  | 54.6                                       |
| S822599                         | 51.7                                       | 53.6   | 54.7   | 57.4   | 54.1   | 54.7  | 55.6                                       |
| 69904                           | 51.8                                       | 53.8   | 55.0   | 56.8   | 53.6   | 54.8  | 56.3                                       |
| S805051                         | 52.3                                       | 54.0   | 54.0   | 57.3   | 54.8   | 55.3  | 56.5                                       |
| S864213                         | 52.3                                       | 54.3   | 56.1   | 57.3   | 54.3   | 55.0  | 56.5                                       |
| S853714                         | 53.2                                       | 54.7   | 56.1   | 58.0   | 55.5   | 56.2  | 56.6                                       |
| S803078                         | 52.2                                       | 54.1   | 55.2   | 58.1   | 54.8   | 55.6  | 56.2                                       |
| S825878                         | 52.0                                       | 54.4   | 54.7   | 57.4   | 54.4   | 55.4  | 56.3                                       |
| S823124                         | 51.8                                       | 54.1   | 55.0   | 57.4   | 53.9   | 54.9  | 55.5                                       |
| S804948                         | 50.3                                       | 52.0   | 54.7   | 55.0   | 52.1   | 53.2  | 54.4                                       |
| S813385                         | 49.9                                       | 51.2   | 54.2   | 54.6   | 51.7   | 52.6  | 54.6                                       |
| S842446                         | 50.7                                       | 52.1   | 54.6   | 56.0   | 52.3   | 52.9  | 54.4                                       |
| Ambient Temperature<br>(6.[12]) | 45.6 °F                                    | 54.1 °F  | 51.1 °F  | 55.3 °F  | 51.8 °F  | 49.2 °F   | 50.0 °F                                    |
| End Time (6.[13])               | 0826                                       | 0930   | 1052   | 0940   | 0849   | 0806  | 0810                                       |
| 6.[13]                          | Operator: <u>JR</u><br>Operator: <u>EC</u> | Operator: <u>[Signature]</u><br>Operator: <u>[Signature]</u> | Operator: <u>[Signature]</u><br>Operator: <u>[Signature]</u> | Operator: <u>[Signature]</u><br>Operator: <u>[Signature]</u> | Operator: <u>[Signature]</u><br>Operator: <u>[Signature]</u> | Operator: <u>[Signature]</u><br>Operator: <u>NS</u> | Operator: <u>EC</u><br>Operator: <u>TP</u> |

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6.[6] Date: From 2-2-15 to 2-8-15

6.[2] Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

6.[17] Performed by:

|                  |                        |        |          |        |
|------------------|------------------------|--------|----------|--------|
| Jackie Romero    | <i>Jackie Romero</i>   | 187066 | JK       | 2-2-15 |
| Operator (print) | Signature              | Z#     | Initials | Date   |
| Eloy D. Cordova  | <i>Eloy D. Cordova</i> | 114188 | EC       | 2-2-15 |
| Operator (print) | Signature              | Z#     | Initials | Date   |
| Thomas Kier      | <i>Thomas Kier</i>     | 23232  | TK       | 2/3/15 |
| Operator (print) | Signature              | Z#     | Initials | Date   |
| Jesus Lopez      | <i>Jesus Lopez</i>     | 116388 | JL       | 2-2-15 |
| Operator (print) | Signature              | Z#     | Initials | Date   |
| Joseph Duran     | <i>Joseph Duran</i>    | 115197 | JD       | 2/4/15 |
| Operator (print) | Signature              | Z#     | Initials | Date   |
| Josue Lopez      | <i>Josue Lopez</i>     | 116598 | JL       | 2-2-15 |
| Operator (print) | Signature              | Z#     | Initials | Date   |
| Alfredo Aguilar  | <i>Alfredo Aguilar</i> | 293181 | AA       | 2/5/15 |
| Operator (print) | Signature              | Z#     | Initials | Date   |

|                  |                        |         |          |        |
|------------------|------------------------|---------|----------|--------|
| Thomas Kier      | <i>Thomas Kier</i>     | 1232384 | TK       | 2/5/15 |
| Operator (print) | Signature              | Z#      | Initials | Date   |
| Eduard Pacheco   | <i>Eduard Pacheco</i>  | 120497  | EP       | 2-6-15 |
| Operator (print) | Signature              | Z#      | Initials | Date   |
| Larry Brito      | <i>Larry Brito</i>     | 116405  | LB       | 2-6-15 |
| Operator (print) | Signature              | Z#      | Initials | Date   |
| Eduard Pacheco   | <i>Eduard Pacheco</i>  | 100497  | EP       | 2-7-15 |
| Operator (print) | Signature              | Z#      | Initials | Date   |
| Larry Brito      | <i>Larry Brito</i>     | 116405  | LB       | 2-7-15 |
| Operator (print) | Signature              | Z#      | Initials | Date   |
| Herman Sanchez   | <i>Herman Sanchez</i>  | 1187818 | HS       | 2-7-15 |
| Operator (print) | Signature              | Z#      | Initials | Date   |
| Eloy D. Cordova  | <i>Eloy D. Cordova</i> | 114188  | EC       | 2-8-15 |
| Operator (print) | Signature              | Z#      | Initials | Date   |
| Pancho Miera     | <i>Pancho Miera</i>    | 235165  | PM       | 2-8-15 |
| Operator (print) | Signature              | Z#      | Initials | Date   |

8.1[2] Reviewed by:

|                         |           |       |          |       |
|-------------------------|-----------|-------|----------|-------|
| _____                   | _____     | _____ | _____    | _____ |
| SOM or designee (print) | Signature | Z#    | Initials | Date  |

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**ATTACHMENT 3**  
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**TA-54 AREA G TA-54-375 CELL 1 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET**

6.[6] Date: From 2-2-15 to 2-8-15

|  | Monday<br>6.[6]<br>Start Time: <u>1110</u>  | Tuesday<br>6.[6]<br>Start Time: <u>1040</u>   | Wednesday<br>6.[6]<br>Start Time: <u>1121</u>   | Thursday<br>6.[6]<br>Start Time: <u>1125</u>  | Friday<br>6.[6]<br>Start Time: <u>0913</u>  | Saturday<br>6.[6]<br>Start Time: <u>0739</u>  | Sunday<br>6.[6]<br>Start Time: <u>0743</u>  |
|--|---|---|---|---|---|---|---|
| <b>TA-54-375 Cell 1</b>                          |   |   |   |   |   |   |   |
| Calibrated Infrared Thermometer<br>(4.2.1[1][B]) | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6/12/15</u><br>File Number: <u>101915</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6/12/15</u><br>File Number: <u>101915</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6/12/15</u><br>File Number: <u>101915</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6/12/15</u><br>File Number: <u>101915</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6-12-15</u><br>File Number: <u>101915</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6-12-15</u><br>File Number: <u>101915</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6-12-15</u><br>File Number: <u>101915</u> |
| Ambient Temperature<br>(6.[7])                   | <u>50.0</u> °F  | <u>51.5</u> °F  | <u>53.6</u> °F  | <u>53.9</u> °F  | <u>50.9</u> °F  | <u>50.0</u> °F  | <u>57.1</u> °F  |
| Container ID #                                   | Temp (°F)<br>(6.[8]/6.[9])  | Temp (°F)<br>(6.[8]/6.[9])  | Temp (°F)<br>(6.[8]/6.[9])  | Temp (°F)<br>(6.[8]/6.[9])  | Temp (°F)<br>(6.[8]/6.[9])  | Temp (°F)<br>(6.[8]/6.[9])  | Temp (°F)<br>(6.[8]/6.[9])  |
| 68685  | <u>53.6</u>   | <u>54.2</u>   | <u>55.0</u>   | <u>53.9</u>   | <u>53.4</u>   | <u>53.1</u>   | <u>53.6</u>   |
| LA00000070503                                    | 68540 <u>53.3</u>   | <u>53.7</u>   | <u>54.7</u>   | <u>54.3</u>   | <u>52.6</u>   | <u>52.1</u>   | <u>53.2</u>   |
|  | 68553 <u>53.5</u>   | <u>52.7</u>   | <u>55.3</u>   | <u>54.3</u>   | <u>52.3</u>   | <u>51.6</u>   | <u>51.7</u>   |
| 69445  | <u>53.3</u>   | <u>53.0</u>   | <u>54.9</u>   | <u>54.4</u>   | <u>52.9</u>   | <u>52.1</u>   | <u>52.6</u>   |
| 69618  | <u>52.9</u>   | <u>53.2</u>   | <u>54.8</u>   | <u>53.4</u>   | <u>52.2</u>   | <u>51.0</u>   | <u>52.4</u>   |
| 69013  | <u>53.7</u>   | <u>53.8</u>   | <u>54.4</u>   | <u>55.7</u>   | <u>53.4</u>   | <u>52.6</u>   | <u>52.3</u>   |
| LASB50522  | <u>54.8</u>   | <u>54.7</u>   | <u>55.1</u>   | <u>55.4</u>   | <u>54.6</u>   | <u>53.6</u>   | <u>53.5</u>   |
| LASB50452  | <u>54.8</u>   | <u>54.0</u>   | <u>55.9</u>   | <u>55.9</u>   | <u>54.3</u>   | <u>53.9</u>   | <u>53.3</u>   |
| LASB50431  | <u>55.0</u>   | <u>54.2</u>   | <u>56.0</u>   | <u>55.0</u>   | <u>54.8</u>   | <u>54.5</u>   | <u>53.5</u>   |
| LASB50069  | <u>54.1</u>   | <u>54.2</u>   | <u>54.9</u>   | <u>59</u>   | <u>54.1</u>   | <u>53.6</u>   | <u>53.7</u>   |
| LASB50073  | <u>53.7</u>   | <u>54.1</u>   | <u>55.4</u>   | <u>55.1</u>   | <u>54.1</u>   | <u>53.8</u>   | <u>53.9</u>   |
| 69636  | <u>54.4</u>   | <u>54.9</u>   | <u>56.0</u>   | <u>56.0</u>   | <u>54.8</u>   | <u>54.5</u>   | <u>54.5</u>   |
| 69616  | <u>53.7</u>   | <u>55.0</u>   | <u>55.4</u>   | <u>55.3</u>   | <u>54.8</u>   | <u>53.9</u>   | <u>54.1</u>   |
| 69417  | <u>53.7</u>   | <u>54.7</u>   | <u>55.7</u>   | <u>55.5</u>   | <u>54.3</u>   | <u>53.9</u>   | <u>54.3</u>   |

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**ATTACHMENT 3**

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6.[6] Date: From 2-2-15 to 2-8-15

| Container ID #                      | Monday   | Tuesday  | Wednesday  | Thursday   | Friday   | Saturday  | Sunday   |
|-------------------------------------|--|--|--|--|--|---|--|
|                                     | Temp (°F)<br>(6.[8]/6.[9])                                   | Temp (°F)<br>(6.[8]/6.[9])                                   | Temp (°F)<br>(6.[8]/6.[9])                                   | Temp (°F)<br>(6.[8]/6.[9])                                   | Temp (°F)<br>(6.[8]/6.[9])                                   | Temp (°F)<br>(6.[8]/6.[9])                          | Temp (°F)<br>(6.[8]/6.[9])                                   |
| <b>TA-54-375 Cell 1 (continued)</b> |  |  |  |  |  |   |  |
| 69620                               | 53.9   | 54.4   | 55.6   | 55.3   | 54.1   | 53.7  | 54.0   |
| 69520                               | 54.3   | 53.1   | 56.1   | 55.9   | 53.9   | 53.5  | 53.6   |
| 69641                               | 54.3   | 54.7   | 56.3   | 55.9   | 54.5   | 54.1  | 54.3   |
| 69298                               | 53.9   | 54.6   | 56.3   | 56.3   | 55.1   | 54.4  | 54.8   |
| LASB02203                           | 54.7   | 54.6   | 56.2   | 53.8   | 54.7   | 54.5  | 54.7   |
| Ambient Temperature<br>(6.[12])     | 50.9 °F  | 51.4 °F  | 53.7 °F  | 54.3 °F  | 52.0 °F  | 50.5 °F   | 51.0 °F  |
| End Time (6.[13])                   | 1116   | 1043   | 1125   | 1130   | 0916   | 0741  | 0746   |
| 6.[13]                              | Operator: <u>[Signature]</u><br>Operator: <u>[Signature]</u> | Operator: <u>[Signature]</u><br>Operator: <u>[Signature]</u> | Operator: <u>[Signature]</u><br>Operator: <u>[Signature]</u> | Operator: <u>[Signature]</u><br>Operator: <u>[Signature]</u> | Operator: <u>[Signature]</u><br>Operator: <u>[Signature]</u> | Operator: <u>[Signature]</u><br>Operator: <u>NS</u> | Operator: <u>[Signature]</u><br>Operator: <u>[Signature]</u> |

6.[2] Comments:

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**ATTACHMENT 3**

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6.[6] Date: From 2-2-15 to 2-8-15

6.[17] Performed by:

|                  |                    |        |          |        |
|------------------|--------------------|--------|----------|--------|
| Operator (print) | Signature          | Z#     | Initials | Date   |
| Thomas Vega      | <i>[Signature]</i> | 236382 | TV       | 2/2/15 |
| Operator (print) | Signature          | Z#     | Initials | Date   |
| Joshua Lopez     | <i>[Signature]</i> | 116598 | JL       | 020015 |
| Operator (print) | Signature          | Z#     | Initials | Date   |
| Thomas Vega      | <i>[Signature]</i> | 236382 | TV       | 2/3/15 |
| Operator (print) | Signature          | Z#     | Initials | Date   |
| Pancho Miera     | <i>[Signature]</i> | 235765 | PM       | 2-3-15 |
| Operator (print) | Signature          | Z#     | Initials | Date   |
| Josephine Duran  | <i>[Signature]</i> | 151971 | JD       | 2/4/15 |
| Operator (print) | Signature          | Z#     | Initials | Date   |
| Joshua Lopez     | <i>[Signature]</i> | 116598 | JL       | 020415 |
| Operator (print) | Signature          | Z#     | Initials | Date   |
| Thomas Vega      | <i>[Signature]</i> | 236382 | TV       | 2/5/15 |

|                  |                    |        |          |        |
|------------------|--------------------|--------|----------|--------|
| Operator (print) | Signature          | Z#     | Initials | Date   |
| Joshua Lopez     | <i>[Signature]</i> | 116598 | JL       | 020515 |
| Operator (print) | Signature          | Z#     | Initials | Date   |
| Larry Brito      | <i>[Signature]</i> | 116405 | LB       | 2-6-15 |
| Operator (print) | Signature          | Z#     | Initials | Date   |
| Edward Baker     | <i>[Signature]</i> | 180497 | EB       | 2-6-15 |
| Operator (print) | Signature          | Z#     | Initials | Date   |
| Larry Brito      | <i>[Signature]</i> | 116405 | LB       | 2-7-15 |
| Operator (print) | Signature          | Z#     | Initials | Date   |
| Norman Sanchez   | <i>[Signature]</i> | 187818 | NS       | 2-7-15 |
| Operator (print) | Signature          | Z#     | Initials | Date   |
| Larry Brito      | <i>[Signature]</i> | 116405 | LB       | 2-8-15 |
| Operator (print) | Signature          | Z#     | Initials | Date   |
| Pancho Miera     | <i>[Signature]</i> | 235765 | PM       | 2-8-15 |

8.1[2] Reviewed by:

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

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ATTACHMENT 4

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

6.[6] Date: From 2-2-15 to 2-8-15

|  | Monday<br>6.[6]<br>Start Time: <u>1117</u>   | Tuesday<br>6.[6]<br>Start Time: <u>1044</u>  | Wednesday<br>6.[6]<br>Start Time: <u>1127</u>  | Thursday<br>6.[6]<br>Start Time: <u>1131</u>   | Friday<br>6.[6]<br>Start Time: <u>0917</u>   | Saturday<br>6.[6]<br>Start Time: <u>0741</u>   | Sunday<br>6.[6]<br>Start Time: <u>0747</u>   |
|--|--|--|--|--|--|--|--|
| TA-54-375 Cell 2                                 |  |  |  |  |  |  |  |
| Calibrated Infrared Thermometer<br>(4.2.1[1][B]) | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6/12/15</u><br>File Number <u>101912</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6/12/15</u><br>File Number <u>101912</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6/12/15</u><br>File Number <u>101912</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6/12/15</u><br>File Number <u>101912</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6-12-15</u><br>File Number <u>101912</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6-12-15</u><br>File Number <u>101912</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6-12-15</u><br>File Number <u>101912</u> |
| Ambient Temperature<br>(6.[7])                   | <u>55.4</u> °F   | <u>55.5</u> °F   | <u>56.4</u> °F   | <u>56.8</u> °F   | <u>53.3</u> °F   | <u>53.1</u> °F   | <u>53.3</u> °F   |
| Container ID #                                   | Temp (°F)<br>(6.[8]/6.[9])   | Temp (°F)<br>(6.[8]/6.[9])   | Temp (°F)<br>(6.[8]/6.[9])   | Temp (°F)<br>(6.[8]/6.[9])   | Temp (°F)<br>(6.[8]/6.[9])   | Temp (°F)<br>(6.[8]/6.[9])   | Temp (°F)<br>(6.[8]/6.[9])   |
| LASB02198  | <u>53.6</u>  | <u>54.6</u>  | <u>54.8</u>  | <u>56.4</u>  | <u>52.8</u>  | <u>52.9</u>  | <u>54.1</u>  |
| 68638  | <u>55.6</u>  | <u>54.5</u>  | <u>56.6</u>  | <u>57.3</u>  | <u>53.1</u>  | <u>53.1</u>  | <u>53.1</u>  |
| 69615  | <u>56.0</u>  | <u>55.9</u>  | <u>57.2</u>  | <u>57.7</u>  | <u>53.7</u>  | <u>54.1</u>  | <u>54.2</u>  |
| 69635  | <u>56.6</u>  | <u>56.7</u>  | <u>58.0</u>  | <u>57.9</u>  | <u>54.3</u>  | <u>54.7</u>  | <u>55.3</u>  |
| 69642  | <u>56.7</u>  | <u>56.5</u>  | <u>57.1</u>  | <u>57.6</u>  | <u>54.0</u>  | <u>53.6</u>  | <u>54.6</u>  |
| 69630  | <u>55.6</u>  | <u>56.1</u>  | <u>57.2</u>  | <u>57.2</u>  | <u>54.2</u>  | <u>53.2</u>  | <u>54.2</u>  |
| 69633  | <u>55.8</u>  | <u>56.7</u>  | <u>57.5</u>  | <u>59.1</u>  | <u>54.6</u>  | <u>54.0</u>  | <u>54.9</u>  |
| 68430  | <u>56.0</u>  | <u>56.3</u>  | <u>57.1</u>  | <u>57.6</u>  | <u>54.2</u>  | <u>53.9</u>  | <u>54.3</u>  |
| 68631  | <u>55.4</u>  | <u>55.0</u>  | <u>56.7</u>  | <u>58.4</u>  | <u>53.1</u>  | <u>53.3</u>  | <u>54.2</u>  |
| 69634  | <u>56.1</u>  | <u>54.2</u>  | <u>57.2</u>  | <u>57.2</u>  | <u>52.3</u>  | <u>52.7</u>  | <u>53.7</u>  |
| 68567  | <u>53.6</u>  | <u>54.7</u>  | <u>55.8</u>  | <u>56.8</u>  | <u>51.8</u>  | <u>53.1</u>  | <u>54.5</u>  |
| 94227  | <u>55.2</u>  | <u>54.4</u>  | <u>56.5</u>  | <u>57.2</u>  | <u>52.6</u>  | <u>52.1</u>  | <u>54.1</u>  |
| LASB50442  | <u>55.4</u>  | <u>54.4</u>  | <u>57.5</u>  | <u>57.2</u>  | <u>53.7</u>  | <u>54.3</u>  | <u>55.1</u>  |
| 69644  | <u>55.8</u>  | <u>54.4</u>  | <u>57.1</u>  | <u>58.5</u>  | <u>53.8</u>  | <u>54.1</u>  | <u>54.9</u>  |
| LASB50443  | <u>56.2</u>  | <u>55.6</u>  | <u>57.0</u>  | <u>58.1</u>  | <u>53.6</u>  | <u>53.5</u>  | <u>54.4</u>  |
| 69638  | <u>54.7</u>  | <u>55.6</u>  | <u>57.4</u>  | <u>58.3</u>  | <u>53.3</u>  | <u>53.6</u>  | <u>54.6</u>  |

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Z# 114188

INITIAL ec DATE 2-2-15

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ATTACHMENT 4

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6.[6] Date: From 2-2-15 to 2-8-15

| Container ID #                      | Monday   | Tuesday  | Wednesday  | Thursday   | Friday   | Saturday   | Sunday   |
|-------------------------------------|--|--|--|--|--|--|--|
|                                     | Temp (°F)<br>(6.[8]/6.[9])                                   | Temp (°F)<br>(6.[8]/6.[9])                                   | Temp (°F)<br>(6.[8]/6.[9])                                   | Temp (°F)<br>(6.[8]/6.[9])                                   | Temp (°F)<br>(6.[8]/6.[9])                                   | Temp (°F)<br>(6.[8]/6.[9])                                   | Temp (°F)<br>(6.[8]/6.[9])                                   |
| <b>TA-54-375 Cell 2 (continued)</b> |  |  |  |  |  |  |  |
| 68624                               | 55.3   | 56.2   | 59.3   | 58.7   | 53.2   | 54.5   | 55.6   |
| 68507                               | 55.3   | 55.9   | 58.8   | 57.5   | 54.1   | 54.3   | 55.4   |
| 69568                               | 54.7   | 55.3   | 56.4   | 56.4   | 52.5   | 53.1   | 55.0   |
| 69553                               | 53.9   | 53.8   | 57.1   | 56.3   | 51.8   | 52.6   | 54.2   |
| 69598                               | 52.4   | 53.1   | 55.6   | 57.6   | 51.7   | 52.6   | 53.7   |
| LASB50559                           | 54.4   | 55.7   | 56.8   | 59.8   | 53.5   | 53.8   | 54.9   |
| 69015                               | 56.3   | 56.1   | 58.0   | 59.0   | 53.8   | 54.4   | 55.6   |
| 69639                               | 56.6   | 56.7   | 58.7   | 59.4   | 54.1   | 54.8   | 56.5   |
| 69637                               | 55.9   | 56.0   | 58.8   | 59.2   | 53.7   | 54.2   | 56.2   |
| Ambient Temperature<br>(6.[12])     | 54.3 °F  | 55.4 °F  | 56.5 °F  | 57.1 °F  | 53.3 °F  | 52.8 °F  | 54.0 °F  |
| End Time (6.[13])                   | 1123   | 1048   | 1135   | 1138   | 0922   | 0745   | 0752   |
| 6.[13]                              | Operator: <i>[Signature]</i><br>Operator: <i>[Signature]</i> | Operator: <i>[Signature]</i><br>Operator: <i>[Signature]</i> | Operator: <i>[Signature]</i><br>Operator: <i>[Signature]</i> | Operator: <i>[Signature]</i><br>Operator: <i>[Signature]</i> | Operator: <i>[Signature]</i><br>Operator: <i>[Signature]</i> | Operator: <i>[Signature]</i><br>Operator: <i>[Signature]</i> | Operator: <i>[Signature]</i><br>Operator: <i>[Signature]</i> |

6.[2] Comments:

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ATTACHMENT 4  
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6.[6] Date: From 2-2-15 to 2-8-15

6.[17] Performed by:

| Operator (print) | Signature          | Z#     | Initials | Date   |
|------------------|--------------------|--------|----------|--------|
| Thomas Kier      | <i>[Signature]</i> | 173638 | T/K      | 2/2/15 |
| Joshua Lopez     | <i>[Signature]</i> | 116598 | JL       | 2/2/15 |
| Thomas Kier      | <i>[Signature]</i> | 173638 | T/K      | 2/3/15 |
| Pancho Miera     | <i>[Signature]</i> | 123576 | PM       | 2-3-15 |
| Josephine Duran  | <i>[Signature]</i> | 115197 | JD       | 2/4/15 |
| Joshua Lopez     | <i>[Signature]</i> | 116598 | JL       | 2/4/15 |
| Thomas Kier      | <i>[Signature]</i> | 173638 | T/K      | 2/5/15 |

| Operator (print) | Signature          | Z#     | Initials | Date   |
|------------------|--------------------|--------|----------|--------|
| Joshua Lopez     | <i>[Signature]</i> | 116598 | JL       | 2-6-15 |
| Larry Brito      | <i>[Signature]</i> | 116405 | LB       | 2-6-15 |
| Edward Parker    | <i>[Signature]</i> | 100447 | EP       | 2-6-15 |
| Larry Brito      | <i>[Signature]</i> | 116405 | LB       | 2-6-15 |
| Norman Sanchez   | <i>[Signature]</i> | 189818 | NS       | 2-7-15 |
| Juan Garcia      | <i>[Signature]</i> | 116890 | JG       | 2-8-15 |
| Pancho Miera     | <i>[Signature]</i> | 123576 | PM       | 2-8-15 |

8.1[2] Reviewed by:

| SOM or designee (print) | Signature | Z# | Initials | Date |
|-------------------------|-----------|----|----------|------|
|                         |           |    |          |      |

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**ATTACHMENT 5**  
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**TA-54 AREA G TA-54-375 CELL 3 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET**

6.[6] Date: From 2-2-15 to 2-8-15

|  | Monday<br>6.[6]<br>Start Time: <u>1104</u>  | Tuesday<br>6.[6]<br>Start Time: <u>1030</u>   | Wednesday<br>6.[6]<br>Start Time: <u>1115</u>   | Thursday<br>6.[6]<br>Start Time: <u>1119</u>  | Friday<br>6.[6]<br>Start Time: <u>0908</u>  | Saturday<br>6.[6]<br>Start Time: <u>0730</u>  | Sunday<br>6.[6]<br>Start Time: <u>0737</u>  |
|--|---|---|---|---|---|---|---|
| <b>TA-54-375 Cell 3</b>                          |   |   |   |   |   |   |   |
| Calibrated Infrared Thermometer<br>(4.2.1[1][B]) | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6-12-15</u><br>File Number: <u>101916</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6-12-15</u><br>File Number: <u>101916</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6-12-15</u><br>File Number: <u>101916</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6-12-15</u><br>File Number: <u>101916</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6-12-15</u><br>File Number: <u>101916</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6-12-15</u><br>File Number: <u>101916</u> | Brand: <u>Fluke</u><br>Model: <u>561</u><br>Cal. Due Date: <u>6-12-15</u><br>File Number: <u>101916</u> |
| Ambient Temperature<br>(6.[7])                   | <u>53.3</u> °F  | <u>54.0</u> °F  | <u>53.5</u> °F  | <u>56.5</u> °F  | <u>53.0</u> °F  | <u>52.1</u> °F  | <u>52.7</u> °F  |
| Container ID #                                   | Temp (°F)<br>(6.[8]/6.[9])  | Temp (°F)<br>(6.[8]/6.[9])  | Temp (°F)<br>(6.[8]/6.[9])  | Temp (°F)<br>(6.[8]/6.[9])  | Temp (°F)<br>(6.[8]/6.[9])  | Temp (°F)<br>(6.[8]/6.[9])  | Temp (°F)<br>(6.[8]/6.[9])  |
| 69519  | <u>55.4</u>   | <u>54.8</u>   | <u>56.3</u>   | <u>57.3</u>   | <u>54.0</u>   | <u>54.0</u> <sup>7-2-15</sup>   | <u>54.8</u>   |
| 69645  | <u>55.0</u>   | <u>54.8</u>   | <u>56.6</u>   | <u>57.3</u>   | <u>53.9</u>   | <u>54.3</u>   | <u>54.9</u>   |
| 94068  | <u>54.7</u>   | <u>54.0</u>   | <u>56.1</u>   | <u>56.5</u>   | <u>53.5</u>   | <u>53.9</u>   | <u>54.3</u>   |
| 93605  | <u>53.7</u>   | <u>53.4</u>   | <u>55.5</u>   | <u>56.1</u>   | <u>52.7</u>   | <u>52.7</u>   | <u>53.9</u>   |
| 69548  | <u>54.0</u>   | <u>53.1</u>   | <u>55.2</u>   | <u>56.4</u>   | <u>53.5</u>   | <u>53.0</u>   | <u>53.5</u>   |
| 69604  | <u>54.4</u>   | <u>53.5</u>   | <u>55.8</u>   | <u>56.9</u>   | <u>53.6</u>   | <u>53.5</u>   | <u>54.4</u>   |
| LASB50529  | <u>55.1</u>   | <u>54.2</u>   | <u>56.3</u>   | <u>57.2</u>   | <u>53.7</u>   | <u>53.8</u>   | <u>54.6</u>   |
| LASB50418  | <u>55.6</u>   | <u>54.7</u>   | <u>56.4</u>   | <u>57.8</u>   | <u>53.4</u>   | <u>53.9</u> <sup>2-7-15</sup>   | <u>54.2</u>   |
| 69036  | <u>54.5</u>   | <u>54.5</u>   | <u>56.9</u>   | <u>56.4</u>   | <u>53.9</u>   | <u>52.1</u> <sup>53.6</sup>   | <u>54.4</u>   |
| LASB50451  | <u>53.5</u>   | <u>54.1</u>   | <u>55.8</u>   | <u>56.2</u>   | <u>53.2</u>   | <u>52.6</u>   | <u>54.0</u>   |
| 69559  | <u>53.7</u>   | <u>53.3</u>   | <u>55.8</u>   | <u>56.5</u>   | <u>52.9</u>   | <u>52.9</u>   | <u>53.9</u>   |
| LASB50448  | <u>53.2</u>   | <u>53.3</u>   | <u>54.9</u>   | <u>55.5</u>   | <u>52.6</u>   | <u>52.1</u>   | <u>53.7</u>   |
| Ambient Temperature<br>(6.[12])                  | <u>53.9</u> °F  | <u>53.2</u> °F  | <u>54.6</u> °F  | <u>56.1</u> °F  | <u>52.8</u> °F  | <u>52.6</u> °F  | <u>53.3</u> °F  |
| End Time (6.[13])                                | <u>1109</u>   | <u>1039</u>   | <u>1121</u>   | <u>1124</u>   | <u>0912</u>   | <u>0735</u>   | <u>0742</u>   |
| 6.[13]   | Operator: <u>[Signature]</u><br>Operator: <u>[Signature]</u>  | Operator: <u>[Signature]</u><br>Operator: <u>[Signature]</u>  | Operator: <u>[Signature]</u><br>Operator: <u>[Signature]</u>  | Operator: <u>[Signature]</u><br>Operator: <u>[Signature]</u>  | Operator: <u>EP</u><br>Operator: <u>NS</u>  | Operator: <u>EP</u><br>Operator: <u>NS</u>  | Operator: <u>EP</u><br>Operator: <u>TP</u>  |

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ATTACHMENT 5

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6.[6] Date: From 2-2-15 to 2-8-15

6.[2] Comments:

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6.[17] Performed by:

| Operator (print) | Signature | Z#     | Initials | Date    |
|------------------|-----------|--------|----------|---------|
| Thomas Vial      |           | 23382  | TV       | 2/2/15  |
| Josue Lopez      |           | 116598 | JL       | 020215  |
| Thomas Vial      |           | 23382  | TV       | 2/3/15  |
| Pancho Miera     |           | 235765 | PM       | 12-3-15 |
| Joseph Duran     |           | 151971 | JD       | 2/4/15  |
| Josue Lopez      |           | 116598 | JL       | 020415  |
| Thomas Vial      |           | 23382  | TV       | 2/5/15  |

| Operator (print) | Signature | Z#     | Initials | Date    |
|------------------|-----------|--------|----------|---------|
| Josue Lopez      |           | 116598 | JL       | 020515  |
| Edward Pacha     |           | 100497 | EP       | 12-6-15 |
| Norman Sanchez   |           | 187818 | NS       | 12-6-15 |
| Larry Brito      |           | 116405 | LB       | 12-7-15 |
| Norman Sanchez   |           | 187818 | NS       | 12-7-15 |
| Larry Brito      |           | 116405 | LB       | 12-8-15 |
| Pancho Miera     |           | 235765 | PM       | 12-8-15 |

8.1[2] Reviewed by:

| SOM or designee (print) | Signature | Z# | Initials | Date |
|-------------------------|-----------|----|----------|------|
|                         |           |    |          |      |



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6.[6] Date: From 2-6-15 to 2-6-15 Location: Dome 375

| Container ID #<br>(6.[8]/6.[9]) | Temp (°F)<br>(6.[8]/6.[9])                       | Temp (°F)<br>(6.[8]/6.[9])                       | Temp (°F)<br>(6.[8]/6.[9])                       | Temp (°F)<br>(6.[8]/6.[9])                       | Temp (°F)<br>(6.[8]/6.[9])                       | Temp (°F)<br>(6.[8]/6.[9])                       | Temp (°F)<br>(6.[8]/6.[9])                       | Temp (°F)<br>(6.[8]/6.[9])                       | Temp (°F)<br>(6.[8]/6.[9])                       | Temp (°F)<br>(6.[8]/6.[9])                       | Temp (°F)<br>(6.[8]/6.[9])                       | Temp (°F)<br>(6.[8]/6.[9])                       | Temp (°F)<br>(6.[8]/6.[9]) | Temp (°F)<br>(6.[8]/6.[9]) |
|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|----------------------------|----------------------------|
| <i>NA</i>                       |  |  |  |  |  |  |  |  |  |  |  |  |                            |                            |
| Ambient Temperature<br>(6.[12]) | <u>48.41</u> °F                                  | <u>48.19</u> °F                                  | <u>49.52</u> °F                                  | <u>51.71</u> °F                                  | <u>52.12</u> °F                                  | <u>53.82</u> °F                                  | <u>55.98</u> °F                                  | <u>57.99</u> °F                                  | <u>59.39</u> °F                                  | <u>59.47</u> °F                                  | <u>59.03</u> °F                                  | <u>57.25</u> °F                                  | _____°F                    | _____°F                    |
| End Time<br>(6.[13])            | <u>0632</u>                                      | <u>0730</u>                                      | <u>0830</u>                                      | <u>0931</u>                                      | <u>1031</u>                                      | <u>1131</u>                                      | <u>1231</u>                                      | <u>1330</u>                                      | <u>1428</u>                                      | <u>1531</u>                                      | <u>1630</u>                                      | <u>1729</u>                                      | _____                      | _____                      |
| 6.[13]                          | Operator:<br><u>EP</u><br>Operator:<br><u>LB</u> | Operator:<br><u>LB</u><br>Operator:<br><u>EP</u> | Operator:<br><u>LB</u><br>Operator:<br><u>EP</u> | Operator:<br><u>EP</u><br>Operator:<br><u>NS</u> | Operator:<br><u>LB</u><br>Operator:<br><u>NS</u> | Operator:<br><u>NS</u><br>Operator:<br><u>EP</u> | Operator:<br><u>EP</u><br>Operator:<br><u>NS</u> | Operator:<br><u>LB</u><br>Operator:<br><u>NS</u> | Operator:<br><u>NS</u><br>Operator:<br><u>LB</u> | Operator:<br><u>LB</u><br>Operator:<br><u>EP</u> | Operator:<br><u>EP</u><br>Operator:<br><u>NS</u> | Operator:<br><u>NS</u><br>Operator:<br><u>LB</u> | Operator: <i>NA</i>        | Operator: _____            |

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6.[6] Date: From 2-6-15 to 2-6-15 Location: Dome 375

6.[2] Comments: Did Not Enter Dome 375 perma com due to standing order 1247 Temps were taking  
Using olada logger computer

6.[17] Performed by:

| Operator (print)      | Signature          | Z#            | Initials  | Date          |
|-----------------------|--------------------|---------------|-----------|---------------|
|                       | <u>NIA</u>         |               |           |               |
| <u>Norman Sanchez</u> | <u>[Signature]</u> | <u>187818</u> | <u>NS</u> | <u>2-6-15</u> |
| <u>Larry Brito</u>    | <u>[Signature]</u> | <u>116456</u> | <u>LB</u> | <u>2-6-15</u> |
| <u>Richard Parker</u> | <u>[Signature]</u> | <u>100497</u> | <u>RP</u> | <u>2-6-15</u> |
|                       |                    |               |           |               |
|                       |                    |               |           |               |
|                       |                    |               |           |               |
|                       |                    |               |           |               |
|                       |                    |               |           |               |

| Operator (print) | Signature | Z# | Initials | Date |
|------------------|-----------|----|----------|------|
|                  |           |    |          |      |
|                  |           |    |          |      |
|                  |           |    |          |      |
|                  |           |    |          |      |
|                  |           |    |          |      |
|                  |           |    |          |      |
|                  |           |    |          |      |
|                  |           |    |          |      |
|                  |           |    |          |      |

8.1[2] Reviewed by:

| SOM or designee (print) | Signature | Z# | Initials | Date |
|-------------------------|-----------|----|----------|------|
|                         |           |    |          |      |





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6.[6] Date: From 2-6-15 to 2-7-15 Location: Dome 375 Cell 1

6.[2] Comments: DID NOT Enter Dome 375 perma con due to standing Order 1247 Temps were taken using Data Logger computer

N A

6.[17] Performed by:

|                      |                      |                |           |               |
|----------------------|----------------------|----------------|-----------|---------------|
| <u>Michael Vigil</u> | <u>Michael Vigil</u> | <u>1215267</u> | <u>MV</u> | <u>2-6-15</u> |
| Operator (print)     | Signature            | Z#             | Initials  | Date          |
| <u>Chris Vigil</u>   | <u>[Signature]</u>   | <u>163082</u>  | <u>CV</u> | <u>2-6-15</u> |
| Operator (print)     | Signature            | Z#             | Initials  | Date          |
| Operator (print)     | Signature            | Z#             | Initials  | Date          |
| Operator (print)     | Signature            | Z#             | Initials  | Date          |
| Operator (print)     | Signature            | Z#             | Initials  | Date          |
| Operator (print)     | Signature            | Z#             | Initials  | Date          |
| Operator (print)     | Signature            | Z#             | Initials  | Date          |

|                  |           |    |          |      |
|------------------|-----------|----|----------|------|
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |

8.[2] Reviewed by:

|                         |           |    |          |      |
|-------------------------|-----------|----|----------|------|
| SOM or designee (print) | Signature | Z# | Initials | Date |
|-------------------------|-----------|----|----------|------|





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6.[6] Date: From 2-7-15 to 2-7-15 Location: Dome 375 411

6.[2] Comments: <sup>EC 2-7-15</sup> Did not enter Dome 375 ~~6111~~ permeation due to standing order 1247. Temps were taken using the Data Logger Computer EC.114188  
 1130 After olo(ec) hit the mouse for the data logger computer the information for 68685 T2 is blank. Will us the Graph 1 information  
 for 68685(T1), 68685(T2), Ambient(T3), 50522(T4), 50522(T5). <sup>EC 2-7-15</sup> Did ~~leave a voice mail~~ <sup>EC 2-7-15</sup> Som is aware of issue. Did leave a voice mail for the  
 person that knows the program. EC 114188

6.[17] Performed by:

|                        |                    |               |           |               |
|------------------------|--------------------|---------------|-----------|---------------|
| Operator (print)       | Signature          | Z#            | Initials  | Date          |
| <u>Eric D. Cordova</u> | <u>[Signature]</u> | <u>114188</u> | <u>EC</u> | <u>2-7-15</u> |
| Operator (print)       | Signature          | Z#            | Initials  | Date          |
| <u>Larry Brito</u>     | <u>[Signature]</u> | <u>116405</u> | <u>RB</u> | <u>2-7-15</u> |
| Operator (print)       | Signature          | Z#            | Initials  | Date          |
| <u>Edward Puhar</u>    | <u>[Signature]</u> | <u>100491</u> | <u>EP</u> | <u>2-7-15</u> |
| Operator (print)       | Signature          | Z#            | Initials  | Date          |
|                        |                    |               |           |               |
| Operator (print)       | Signature          | Z#            | Initials  | Date          |
|                        |                    |               |           |               |
| Operator (print)       | Signature          | Z#            | Initials  | Date          |
|                        |                    |               |           |               |
| Operator (print)       | Signature          | Z#            | Initials  | Date          |
|                        |                    |               |           |               |

|                  |           |    |          |      |
|------------------|-----------|----|----------|------|
| Operator (print) | Signature | Z# | Initials | Date |
|                  |           |    |          |      |
| Operator (print) | Signature | Z# | Initials | Date |
|                  |           |    |          |      |
| Operator (print) | Signature | Z# | Initials | Date |
|                  |           |    |          |      |
| Operator (print) | Signature | Z# | Initials | Date |
|                  |           |    |          |      |
| Operator (print) | Signature | Z# | Initials | Date |
|                  |           |    |          |      |
| Operator (print) | Signature | Z# | Initials | Date |
|                  |           |    |          |      |

8.1[2] Reviewed by:

|                         |           |    |          |      |
|-------------------------|-----------|----|----------|------|
| SOM or designee (print) | Signature | Z# | Initials | Date |
|                         |           |    |          |      |





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6.[6] Date: From 2-7-15 to 2-8-15 Location: Dome 375 Cell 1

6.[2] Comments:

6.[17] Performed by:

|                         |                    |               |           |               |
|-------------------------|--------------------|---------------|-----------|---------------|
| <u>Juan Lopez</u>       | <u>[Signature]</u> | <u>116578</u> | <u>RN</u> | <u>020815</u> |
| Operator (print)        | Signature          | Z#            | Initials  | Date          |
| <u>Gerardo Espinoza</u> | <u>[Signature]</u> | <u>112097</u> | <u>RS</u> | <u>020815</u> |
| Operator (print)        | Signature          | Z#            | Initials  | Date          |
| Operator (print)        | Signature          | Z#            | Initials  | Date          |
| Operator (print)        | Signature          | Z#            | Initials  | Date          |
| Operator (print)        | Signature          | Z#            | Initials  | Date          |
| Operator (print)        | Signature          | Z#            | Initials  | Date          |
| Operator (print)        | Signature          | Z#            | Initials  | Date          |

|                  |           |    |          |      |
|------------------|-----------|----|----------|------|
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |

8.1[2] Reviewed by:

|                  |           |    |          |      |
|------------------|-----------|----|----------|------|
| Operator (print) | Signature | Z# | Initials | Date |
|------------------|-----------|----|----------|------|

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

6.[6] Date: From 2-8-15 to 2-8-15 Location: Dome 375 cell 1

|   | Start Time:<br>6.[6]<br><u>0633</u>  | Start Time:<br>6.[6]<br><u>0730</u>  | Start Time:<br>6.[6]<br><u>0830</u>  | Start Time:<br>6.[6]<br><u>0929</u>  | Start Time:<br>6.[6]<br><u>1029</u>  | Start Time:<br>6.[6]<br><u>1129</u>  | Start Time:<br>6.[6]<br><u>1229</u>  | Start Time:<br>6.[6]<br><u>1229</u>  | Start Time:<br>6.[6]<br><u>1229</u>  | Start Time:<br>6.[6]<br><u>1429</u>  | Start Time:<br>6.[6]<br><u>1529</u>  | Start Time:<br>6.[6]<br><u>1629</u>  | Start Time:<br>6.[6]<br><u>1729</u>  | Start Time:<br>6.[6]   | Start Time:<br>6.[6]   |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Calibrated Infrared Thermometer (4.2.1[1][B]) | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> |
| Ambient Temperature (6 [7])                   | <u>50.7</u> °F   | <u>50.8</u> °F   | <u>50.8</u> °F   | <u>53.5</u> °F   | <u>54.6</u> °F   | <u>56.9</u> °F   | <u>58.4</u> °F   | <u>60.1</u> °F   | <u>61.2</u> °F   | <u>61.5</u> °F   | <u>60.7</u> °F   | <u>58.9</u> °F   |  |  |  |
| Container ID # (6.[8]/6.[9])                  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  |
| <u>68685 T1</u>                               | <u>52.19</u>   | <u>52.4</u>  | <u>52.2</u>  | <u>54.3</u>  | <u>54.7</u>  | <u>56.8</u>  | <u>58.3</u>  | <u>59.8</u>  | <u>60.8</u>  | <u>61.2</u>  | <u>60.5</u>  | <u>58.8</u>  |  |  |  |
| <u>68685 T2</u>                               | <u>51.5</u>  | <u>51.7</u>  | <u>51.4</u>  | <u>53.7</u>  | <u>54.0</u>  | <u>56.0</u>  | <u>57.4</u>  | <u>58.2</u>  | <u>59.9</u>  | <u>60.2</u>  | <u>59.6</u>  | <u>57.9</u>  |  |  |  |
| <u>50522 T4</u>                               | <u>52.09</u>   | <u>52.2</u>  | <u>52.3</u>  | <u>53.7</u>  | <u>54.1</u>  | <u>55.7</u>  | <u>57.0</u>  | <u>58.1</u>  | <u>59.0</u>  | <u>59.4</u>  | <u>59.1</u>  | <u>57.9</u>  |  |  |  |
| <u>50522 T5</u>                               | <u>51.83</u>   | <u>51.9</u>  | <u>51.9</u>  | <u>53.6</u>  | <u>54.1</u>  | <u>55.7</u>  | <u>57.0</u>  | <u>58.2</u>  | <u>59.0</u>  | <u>59.4</u>  | <u>59.0</u>  | <u>57.7</u>  |  |  |  |
|   |  |  |  | <u>A</u>   |  |  |  |  |  |  |  |  |  |  |  |

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Z# 114188

INITIAL EC DATE 2-8-15



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6.[6] Date: From 2-8-15 to 2-8-15 Location: Dome 375 Cell 1

6.[2] Comments: Did not enter Dome 375 Permeon due to standing order 1247. Temp were taken using Data Logger computer.

6.[17] Performed by:

|                  |                      |           |          |        |
|------------------|----------------------|-----------|----------|--------|
| Operator (print) | Signature            | Z#        | Initials | Date   |
| Juan Garcia      | <i>Juan Garcia</i>   | 1167840   | JG       | 2-8-15 |
| Operator (print) | Signature            | Z#        | Initials | Date   |
| Larry Brito      | <i>L. Brito</i>      | 111445    | LB       | 2-8-15 |
| Operator (print) | Signature            | Z#        | Initials | Date   |
| Edo G. Cardenas  | <i>Edo</i>           | 1114158   | EC       | 2-8-15 |
| Operator (print) | Signature            | Z#        | Initials | Date   |
| Jackie Romero    | <i>Jackie Romero</i> | 118701001 | JR       | 2-8-15 |
| Operator (print) | Signature            | Z#        | Initials | Date   |
| Pancho Miera     | <i>Pancho Miera</i>  | 1235765   | TP       | 2-8-15 |
| Operator (print) | Signature            | Z#        | Initials | Date   |
|                  | <i>A</i>             |           |          |        |
| Operator (print) | Signature            | Z#        | Initials | Date   |
|                  |                      |           |          |        |
| Operator (print) | Signature            | Z#        | Initials | Date   |

|                  |           |    |          |      |
|------------------|-----------|----|----------|------|
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |

8.1[2] Reviewed by:

|                         |           |    |          |      |
|-------------------------|-----------|----|----------|------|
| SOM or designee (print) | Signature | Z# | Initials | Date |
|-------------------------|-----------|----|----------|------|

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

6.[6] Date: From 2-8-15 to 2-9-15 Location: Dome 375 Cell 1

|   | Start Time:<br>6.[6]<br>1830   | Start Time:<br>6.[6]<br>1930   | Start Time:<br>6.[6]<br>2028   | Start Time:<br>6.[6]<br>2133   | Start Time:<br>6.[6]<br>2228   | Start Time:<br>6.[6]<br>2327   | Start Time:<br>6.[6]<br>0027   | Start Time:<br>6.[6]<br>0130   | Start Time:<br>6.[6]<br>0227   | Start Time:<br>6.[6]<br>0332   | Start Time:<br>6.[6]<br>0430   | Start Time:<br>6.[6]<br>0526   | Start Time:<br>6.[6]   | Start Time:<br>6.[6]   |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Calibrated Infrared Thermometer (4.2.1[1][B]) | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> | Brand: <u>NA</u><br>Model: <u>NA</u><br>Cal. Due Date: <u>NA</u><br>File Number: <u>NA</u> |
| Ambient Temperature (6.[7]) T3                | 54.40 °F   | 53.50 °F   | 51.90 °F   | 53.0 °F  | 51.5 °F  | 52.46 °F   | 51.90 °F   | 51.10 °F   | 50.50 °F   | 50.30 °F   | 50.60 °F   | 50.70 °F   | °F   | °F   |
| Container ID # (6.[8]/6.[9])                  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  | Temp (°F) (6.[8]/6.[9])  |
| 68685(T1)                                     | 54.40  | 53.60  | 52.0   | 53.50  | 52.30  | 53.34  | 52.70  | 52.10  | 51.80  | 51.80  | 52.10  | 52.20  |  |  |
| 68685(T2)                                     | 53.70  | 52.90  | 51.50  | 53.20  | 51.60  | 52.85  | 52.20  | 51.50  | 51.0   | 51.10  | 51.40  | 51.50  | NA   |  |
| 50522(T4)                                     | 54.50  | 53.90  | 52.60  | 53.30  | 52.70  | 53.19  | 52.60  | 52.30  | 52.20  | 52.0   | 52.20  | 52.20  |  |  |
| 50522(T5)                                     | 54.20  | 53.50  | 52.30  | 53.20  | 52.40  | 53.02  | 52.40  | 52.0   | 51.80<br>2-9-15 51.80  | 51.70  | 51.90  | 51.90  |  | NA   |
|   |  |  |  |  |  | NA   |  |  |  |  |  |  |  |  |

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INITIAL EC DATE 2-8-15



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6.[6] Date: From 2-8-15 to 2-9-15 Location: Dome 375 Cell 1

6.[2] Comments: DIC not Enter Dome 375 perma-con due to Standing order 1247 temps were taken using data logger in Dome 375 Conex

N/A

6.[17] Performed by:

|                       |                    |               |           |               |
|-----------------------|--------------------|---------------|-----------|---------------|
| <u>John Quintana</u>  | <u>[Signature]</u> | <u>119059</u> | <u>JQ</u> | <u>2-8-15</u> |
| Operator (print)      | Signature          | Z#            | Initials  | Date          |
| <u>Willie J. Beck</u> | <u>[Signature]</u> | <u>112907</u> | <u>WB</u> | <u>2-8-15</u> |
| Operator (print)      | Signature          | Z#            | Initials  | Date          |
| <u>Jimmy Romero</u>   | <u>[Signature]</u> | <u>234253</u> | <u>TR</u> | <u>2-8-15</u> |
| Operator (print)      | Signature          | Z#            | Initials  | Date          |
| Operator (print)      | Signature          | Z#            | Initials  | Date          |
| Operator (print)      | Signature          | Z#            | Initials  | Date          |
| Operator (print)      | Signature          | Z#            | Initials  | Date          |
| Operator (print)      | Signature          | Z#            | Initials  | Date          |
| Operator (print)      | Signature          | Z#            | Initials  | Date          |

|                  |           |    |          |      |
|------------------|-----------|----|----------|------|
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |

8.1[2] Reviewed by:

|                         |                    |               |           |               |
|-------------------------|--------------------|---------------|-----------|---------------|
| <u>Carol Moberg</u>     | <u>[Signature]</u> | <u>226235</u> | <u>CM</u> | <u>2-9-15</u> |
| SOM or designee (print) | Signature          | Z#            | Initials  | Date          |