

Vault Target Storage

ISAC Storage Vault Status as of August 3 2016

| Tray # | Pail # | Target | Initial | Second | Third | Status | Comments | Removed (m/d/y) |
|-------------|--------|---------------------|------------------|------------------|------------------|----------|--|-----------------|
| | | | Reading (mSv/Hr) | Reading (mSv/Hr) | Reading (mSv/Hr) | | | |
| 1A | 140 | UC _x #16 | 23.1mSv/hr | | | | | |
| Date(m/d/y) | | | 08/03/16 | | | | | |
| 1B | 135 | UC _x #14 | 2.77mSv/hr | 1.96mSv/hr | | Assayed | Check lid area for contamination. | |
| Date(m/d/y) | | | 04/11/16 | 06/30/16 | | | | |
| 1C | 136 | UC _x #15 | 14.1mSv/hr | 5.27mSv/hr | | Measured | | |
| Date(m/d/y) | | | 05/24/16 | 06/30/16 | | | | |
| 2A | RH B/L | 2A3 Window | 8mSv/hr | 0.81mSv/hr | 0.494mSv/hr | Assayed | Unmodified lid, no sealant | |
| Date(m/d/y) | | | 04/30/14 | 05/14/14 | 08/05/15 | | | |
| 2B | | | | | | | | |
| Date(m/d/y) | | | | | | | | |
| 2C | 117 | SiC #30 | 211mSv/hr | 34.1mSv/hr | 6.83mSv/hr | Assayed | 4.70mSv/hr June 30 th 2016 | |
| Date(m/d/y) | | | 08/06/14 | 09/15/14 | 08/05/15 | | | |
| 3A | 132 | SiC #32 | 79.7mSv/hr | 24.5mSv/hr | | Measured | | |
| Date(m/d/y) | | | 03/22/16 | 06/30/16 | | | | |
| 3B | 129 | ZrC #7 | 157mSv/hr | 15.2mSv/hr | | Measured | Pail contains copper water line TM#4 | |
| Date(m/d/y) | | | 10/23/15 | 06/30/16 | | | | |
| 3C | 127 | SiC #31 | 489mSv/hr | 17.5mSv/hr | | Measured | | |
| Date(m/d/y) | | | 07/30/15 | 06/30/16 | | | | |
| 4A | 121 | Ta #44 | 276mSv/hr | 18.0mSv/hr | 8.44mSv/hr | Measured | | |
| Date(m/d/y) | | | 11/21/14 | 08/06/15 | 06/30/16 | | | |
| 4B | 124 | Ta #45 | 218mSv/hr | 42.9mSv/hr | 13.1mSv/hr | Measured | Contamination may be present on the clasp. | |
| Date(m/d/y) | | | 06/04/15 | 08/06/15 | 06/30/16 | | | |
| 4C | 137 | Ta #47 | 114mSv/hr | 42.5mSv/hr | | Measured | | |
| Date(m/d/y) | | | 06/15/16 | 06/30/16 | | | | |
| 5A | 107 | Ta #40 | 224mSv/hr | 15.6mSv/hr | 4.93mSv/hr | Assayed | 4.23mSv/hr June 30 th 2016 | |
| Date(m/d/y) | | | 07/29/13 | 05/16/14 | 08/05/15 | | | |
| 5B | 115 | TiC #4 | 407mSv/hr | 9.12mSv/hr | 5.12mSv/hr | Assayed | | |
| Date(m/d/y) | | | 06/27/14 | 08/05/15 | 06/30/16 | | | |
| 5C | 120 | ZrC #6 | 112mSv/hr | 7.38mSv/hr | 2.37mSv/hr | Assayed | | |
| Date(m/d/y) | | | 10/21/14 | 08/05/15 | 06/30/16 | | | |

Initial readings are taken at 1m from centre of pail. Assayed readings are taken at 1m from side of pail. Sealant (111) is used under lid rim.

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All lids have the lever lock ring and cable lifting setup, ring is locked with a thin piece of metal before shipping. All pails are checked for contamination

| Tray # | Pail # | Target | Initial | Second | Third | Status | Comments | Removed (m/d/y) |
|---|-----------------------------|--------|-----------------------------|------------------------------|------------------|----------|--|-----------------|
| | | | Reading (mSv/Hr) | Reading (mSv/Hr) | Reading (mSv/Hr) | | | |
| 6A | | | | | | | | |
| Date(m/d/y) | | | | | | | | |
| 6B | 126 | Ta #46 | 265 mSv/hr | 22mSv/hr | | Measured | Can contains various target bits from the HC clean up. | |
| Date(m/d/y) | | | 11/25/15 | 06/30/16 | | | | |
| 6C | 139 | Ta #48 | 201 mSv/hr | | | | | |
| Date(m/d/y) | | | 07/11/16 | | | | | |
| 7A | 112 | Ta #41 | 536mSv/hr | 37.6mSv/hr | 6.59mSv/hr | Assayed | Pail is unnumbered | |
| Date(m/d/y) | | | 12/09/13 | 05/16/14 | 08/05/15 | | 5.31mSv/hr June 30 th 2016 | |
| 7B | 114 | Ta #42 | 277mSv/hr | 5.17mSv/hr | 3.79mSv/hr | Assayed | Metal grabby tab is on lid | |
| Date(m/d/y) | | | 05/30/14 | 08/05/15 | 06/30/16 | | | |
| 7C | 118 | Ta #43 | 150mSv/hr | 5.48mSv/hr | 3.37mSv/hr | Assayed | | |
| Date(m/d/y) | | | 09/05/14 | 08/05/15 | 06/30/16 | | | |
| 8A | | | | | | | | |
| Date(m/d/y) | | | | | | | | |
| 8B | | | | | | | | |
| Date(m/d/y) | | | | | | | | |
| 8C | | | | | | | | |
| Date(m/d/y) | | | | | | | | |
| Tray # | Description of Item | | Initial | Second | Third | Status | Comments | Removed (m/d/y) |
| | | | Reading (mSv/Hr) | Reading (mSv/Hr) | Reading (mSv/Hr) | | | |
| 9 | Used source tray from TM #2 | | 5.6-16.4mSv/hr though 360° | 2.07-4.39mSv/hr though 360° | | Measured | | |
| Date(m/d/y) | | | 01/15/09 | 11/02/12 | | | | |
| 10 | Used source tray from TM #1 | | 1.66-3.50mSv/hr though 360° | 1.83-3.23 mSv/hr though 360° | | Measured | The source tray was taken apart for inspection | |
| Date(m/d/y) | | | 05/12/11 | 11/02/12 | | | | |
| Initial readings are taken at 1m from centre of pail. Assayed readings are taken at 1m from side of pail. Sealant (111) is used under lid rim. | | | | | | | | |
| All lids have the lever lock ring and cable lifting setup, ring is locked with a thin piece of metal before shipping. All pails are checked for contamination | | | | | | | | |

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