

Vault Target Storage

ISAC Storage Vault Status as of June 30 2016

Tray #	Pail #	Target	Initial	Second	Third	Status	Comments	Removed (m/d/y)
			Reading (mSv/Hr)	Reading (mSv/Hr)	Reading (mSv/Hr)			
<b>1A</b>								
Date(m/d/y)								
<b>1B</b>	135	UC <sub>x</sub> #14	2.77mSv/hr	1.96mSv/hr		Assayed	Check lid area for contamination.	
Date(m/d/y)			04/11/16	06/30/16				
<b>1C</b>	136	UC <sub>x</sub> #15	14.1mSv/hr	5.27mSv/hr		Measured		
Date(m/d/y)			05/24/16	06/30/16				
<b>2A</b>	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			
<b>2B</b>								
Date(m/d/y)								
<b>2C</b>	117	SiC #30	211mSv/hr	34.1mSv/hr	6.83mSv/hr	Assayed	4.70mSv/hr June 30 <sup>th</sup> 2016	
Date(m/d/y)			08/06/14	09/15/14	08/05/15			
<b>3A</b>	132	SiC #32	79.7mSv/hr	24.5mSv/hr		Measured		
Date(m/d/y)			03/22/16	06/30/16				
<b>3B</b>	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				
<b>3C</b>	127	SiC #31	489mSv/hr	17.5mSv/hr		Measured		
Date(m/d/y)			07/30/15	06/30/16				
<b>4A</b>	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			
<b>4B</b>	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			
<b>4C</b>	137	Ta #47	114mSv/hr	42.5mSv/hr		Measured		
Date(m/d/y)			06/15/16	06/30/16				
<b>5A</b>	107	Ta #40	224mSv/hr	15.6mSv/hr	4.93mSv/hr	Assayed	4.23mSv/hr June 30 <sup>th</sup> 2016	
Date(m/d/y)			07/29/13	05/16/14	08/05/15			
<b>5B</b>	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			
<b>5C</b>	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)			
<b>6A</b>								
Date(m/d/y)								
<b>6B</b>	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				
<b>6C</b>								
Date(m/d/y)								
<b>7A</b>	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 <sup>th</sup> 2016	
<b>7B</b>	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			
<b>7C</b>	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			
<b>8A</b>								
Date(m/d/y)								
<b>8B</b>								
Date(m/d/y)								
<b>8C</b>								
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	2.07-4.39mSv/hr				
			though 360°	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	1.83-3.23 mSv/hr			The source tray was taken apart for inspection	
			though 360°	though 360°		Measured		
Date(m/d/y)			05/12/11	11/02/12				
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