

Vault Target Storage

ISAC Storage Vault Status as of August 6 2015

Tray #	Pail #	Target	Initial	Second	Third	Status	Comments	Removed (m/d/y)
			Reading (mSv/Hr)	Reading (mSv/Hr)	Reading (mSv/Hr)			
1A								
Date(m/d/y)								
1B	94	SiC #26	118mSv/hr	4.32mSv/hr	3.65mSv/hr	Assayed	Measured 08/04/15 2.81mSv/hr	
Date(m/d/y)			05/05/12	05/16/14	09/15/14			
1C	125	UC _x #12	25.1mSv/hr	5.12mSv/hr		Assayed		
Date(m/d/y)			07/02/15	08/04/15				
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	122	ThO#1	6.20mSv/hr	1.44mSv/hr		Assayed		
Date(m/d/y)			03/13/15	08/05/15				
2C	117	SiC #30	211mSv/hr	34.1mSv/hr	6.83mSv/hr	Measured		
Date(m/d/y)			08/06/14	09/15/14	08/05/15			
3A	96	SiC #27	178mSv/hr	3.66mSv/hr	2.70mSv/hr	Assayed		
Date(m/d/y)			07/06/12	05/15/14	09/15/14			
3B	90	Ta #36	111mSv/hr	3.26mSv/hr	2.61mSv/hr	Assayed		
Date(m/d/y)			09/29/11	05/15/14	09/15/14			
3C	127	SiC #31	489mSv/hr					
Date(m/d/y)			07/30/15					
4A	121	Ta #44	276mSv/hr	18.0mSv/hr		Measured		
Date(m/d/y)			11/21/14	08/06/15				
4B	124	Ta #45	218mSv/hr	42.9mSv/hr		Measured	Contamination may be present on the clasp.	
Date(m/d/y)			06/04/15	08/06/15				
4C	106	Ta #39	95.3mSv/hr	6.06mSv/hr	4.57mSv/hr	Assayed	Measured 08/06/15 2.93mSv/hr	
Date(m/d/y)			07/02/13	05/21/14	09/12/14			
5A	107	Ta #40	224mSv/hr	15.6mSv/hr	4.93mSv/hr	Measured		
Date(m/d/y)			07/29/13	05/16/14	08/05/15			
5B	115	TiC #4	407mSv/hr	9.12mSv/hr		Measured		
Date(m/d/y)			06/27/14	08/05/15				
5C	120	ZrC #6	112mSv/hr	7.38mSv/hr		Measured		
Date(m/d/y)			10/21/14	08/05/15				

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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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								
Date(m/d/y)								
6C	88	Ta #35	411mSv/hr	8.26mSv/hr	4.69mSv/hr	Assayed	Measured 09/12/14 4.70mSv/hr	
Date(m/d/y)			07/25/11	06/20/13	05/21/14		Measured 08/06/15 3.5mSv/hr	
7A	112	Ta #41	536mSv/hr	37.6mSv/hr	6.59mSv/hr	Measured	Pail is unnumbered	
Date(m/d/y)			12/09/13	05/16/14	08/05/15			
7B	114	Ta #42	277mSv/hr	5.17mSv/hr		Measured	Metal grabby tab is on lid	
Date(m/d/y)			05/30/14	08/05/15				
7C	118	Ta #43	150mSv/hr	5.48mSv/hr		Measured		
Date(m/d/y)			09/05/14	08/05/15				
8A	123	UC _x #11	8.57mSv/hr	1.51mSv/hr		Assayed	Can has a dent.	
Date(m/d/y)			03/17/15	08/04/15				
8B	119	UC _x #10	28.9mSv/hr	1.13mSv/hr		Assayed		
Date(m/d/y)			09/26/14	08/04/15				
8C	116	UC _x #9	7.93mSv/hr	0.302mSv/hr		Assayed		
Date(m/d/y)			07/21/14	08/04/15				
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		5.6-16.4mSv/hr	2.07-4.39mSv/hr				
	from TM #2		though 360°	though 360°		Measured		
Date(m/d/y)			01/15/09	11/02/12				
10	Used source tray		1.66-3.50mSv/hr	1.83-3.23 mSv/hr			The source tray was taken apart for	
	from TM #1		though 360°	though 360°		Measured	inspection	
Date(m/d/y)			05/12/11	11/02/12				
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