

Vault Target Storage

ISAC Storage Vault Status as of June 15 2016

Tray #	Pail #	Target	Initial	Second	Third	Status	Comments	Removed (m/d/y)
			Reading (mSv/Hr)	Reading (mSv/Hr)	Reading (mSv/Hr)			
1A	128	UC _x #13	21.5mSv/hr					
Date(m/d/y)			09/24/15					
1B	135	UC _x #14	2.77mSv/hr				Check lid area for contamination.	
Date(m/d/y)			04/11/16					
1C	136	UC _x #15	14.1mSv/hr					
Date(m/d/y)			05/24/16					
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	Measured		
Date(m/d/y)			08/06/14	09/15/14	08/05/15			
3A	132	SiC #32	79.7mSv/hr					
Date(m/d/y)			03/22/16					
3B	129	ZrC #7	157mSv/hr				Pail contains copper water line TM#4	
Date(m/d/y)			10/23/15					
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	137	Ta #47	114mSv/hr					
Date(m/d/y)			06/15/16					
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.

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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				Can contains various target bits from	
Date(m/d/y)			11/25/15				the HC clean up.	
6C								
Date(m/d/y)								
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								
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	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					
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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