

Vault Target Storage

ISAC Storage Vault Status as of March 20 2017

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	1.58mSv/hr		Assayed		
Date(m/d/y)			08/03/16	03/20/17				
1B								
Date(m/d/y)								
1C	136	UC _x #15	14.1mSv/hr	5.27mSv/hr	0.873mSv/hr	Assayed		
Date(m/d/y)			05/24/16	06/30/16	03/20/17			
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		0.366mSv/hr 03/20/17	
2B	141	SiC#33	295mSv/hr	25.1mSv/hr		Measured		
Date(m/d/y)			08/25/16	03/20/17				
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		2.83mSv/hr 03/20/17	
3A	132	SiC #32	79.7mSv/hr	24.5mSv/hr	8.21mSv/hr	Measured		
Date(m/d/y)			03/22/16	06/30/16	03/20/17			
3B	129	ZrC #7	157mSv/hr	15.2mSv/hr	3.85mSv/hr	Assayed	Pail contains copper water line TM#4	
Date(m/d/y)			10/23/15	06/30/16	03/20/17			
3C	127	SiC #31	489mSv/hr	17.5mSv/hr	7.90mSv/hr	Measured		
Date(m/d/y)			07/30/15	06/30/16	03/20/17			
4A	121	Ta #44	276mSv/hr	18.0mSv/hr	8.44mSv/hr	Assayed	4.37mSv/hr 03/20/17	
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	Assayed	Contamination may be present on the	
Date(m/d/y)			06/04/15	08/06/15	06/30/16		Clasp. 5.72mSv/hr 03/20/17	
4C	137	Ta #47	114mSv/hr	42.5mSv/hr	5.92mSv/hr	Measured		
Date(m/d/y)			06/15/16	06/30/16	03/20/17			
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		2.74mSv/hr 03/20/17	
5B	115	TiC #4	407mSv/hr	9.12mSv/hr	5.12mSv/hr	Assayed	3.18mSv/hr 03/20/17	
Date(m/d/y)			06/27/14	08/05/15	06/30/16			
5C								
Date(m/d/y)								
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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			Reading (mSv/Hr)	Reading (mSv/Hr)	Reading (mSv/Hr)			
6A	146	Ta #49	134 mSv/hr	19.3mSv/hr		Measured	Lid should be checked for contamination	
Date(m/d/y)			10/20/16	03/20/17				
6B	126	Ta #46	265 mSv/hr	22mSv/hr	7.31mSv/hr	Measured	Can contains various target bits from the HC clean up.	
Date(m/d/y)			11/25/15	06/30/16	03/20/17			
6C	139	Ta #48	201 mSv/hr	17.2mSv/hr		Measured		
Date(m/d/y)			07/11/16	03/20/17				
7A	112	Ta #41	536mSv/hr	37.6mSv/hr	6.59mSv/hr	Assayed	Pail is unnumbered. 5.31mSv/hr June 30 th 2016	
Date(m/d/y)			12/09/13	05/16/14	08/05/15		3.68mSv/hr 03/20/17	
7B	143	SiC #34	125mSv/hr	8.17mSv/hr		Measured		
Date(m/d/y)			11/03/16	03/20/17				
7C	144	SiC #35	228mSv/hr	18.50Sv/hr		Measured		
Date(m/d/y)			11/24/16	03/20/17				
8A	142	UC _x #17	15.8mSv/hr	1.97mSv/hr		Assayed	Bolts might be contaminated	
Date(m/d/y)			09/26/16	03/20/17				
8B	147	UC _x #18	2.70mSv/hr	3.14mSv/hr		Assayed		
Date(m/d/y)			01/26/17	03/20/17				
8C	148	Ta #50	38.2mSv/hr	16.3mSv/hr		Measured		
Date(m/d/y)			01/26/17	03/20/17				
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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