ISAC Storage Vault Status as of September 26 2016

Tray #	Pail #	Target	Initial Reading (mSv/Hr)	Second Reading (mSv/Hr)	Third Reading (mSv/Hr)	Status	Comments	Removed (m/d/y)
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	141	SiC#33	295mSv/hr					
Date(m/d/y)			08/25/16					
2C	117	SiC #30	211mSv/hr	34.1mSv/hr	6.83mSv/hr	Assayed	4.70mSv/hr June 30th 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	
Date(m/d/y)			06/04/15	08/06/15	06/30/16		clasp.	
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 30th 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.

Vault Target Storage

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 Reading (mSv/Hr)	Second Reading (mSv/Hr)	Third Reading (mSv/Hr)	Status	Comments	Removed (m/d/y)
6A								
Date(m/d/y)								
6B	126	Ta #46	265 mSv/hr	22mSv/hr		Measured	Can contains various target bits from	
Date(m/d/y)			11/25/15	06/30/16			the HC clean up.	
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 30th 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	142	UC_x #17	15.8mSv/hr				Bolts might be contaminated	
Date(m/d/y)			09/26/16					
8B								
Date(m/d/y)								
8C								
Date(m/d/y)								

Tray #	Description of Item	Initial Reading (mSv/Hr)	Second Reading (mSv/Hr)	Third Reading (mSv/Hr)	Status	Comments	Removed (m/d/y)
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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