Vault Target Storage

ISAC Storage Vault Status as of October 21 2014

Tray #	Pail #	Target	Initial Reading (mSv/Hr)	Second Reading (mSv/Hr)	Third Reading (mSv/Hr)	Status	Comments	Removed (m/d/y)
1A								
Date(m/d/y)								
1B	94	SiC #26	118mSv/hr	4.32mSv/hr	3.65mSv/hr	Assayed		
Date(m/d/y)			05/05/12	05/16/14	09/15/14			
1C								
Date(m/d/y)								
2A	RH B/L	2A3 Window	8mSv/hr	0.81mSv/hr		Assayed	Unmodified lid, no sealant	
Date(m/d/y)			04/30/14	05/14/14				
2B	109	SiC #29	24.7mSv/hr	3.12mSv/hr	1.69mSv/hr	Assayed		
Date(m/d/y)			10/08/13	05/14/14	09/15/14			
2C	117	SiC #30	211mSv/hr	34.1mSv/hr				
Date(m/d/y)			08/06/14	09/15/14				
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	111	NiO #2	76.4mSv/hr	5.31mSv/hr	2.40mSv/hr	Assayed		
Date(m/d/y)			11/22/13	05/15/14	09/15/14			
4A								
Date(m/d/y)								
4B	104	TiC #3	98.7mSv/hr	2.51mSv/hr	1.76mSv/hr	Assayed		
Date(m/d/y)			01/15/13	05/16/14	09/12/14			
4C	106	Ta #39	95.3mSv/hr	6.06mSv/hr	4.57mSv/hr	Assayed		
Date(m/d/y)			07/02/13	05/21/14	09/12/14			
5A	107	Ta #40	224mSv/hr	15.6mSv/hr		Measured		
Date(m/d/y)			07/29/13	05/16/14				
5B	115	TiC #4	407mSv/hr					
Date(m/d/y)			06/27/14					
5C	120	ZrC #6	112mSv/hr					
Date(m/d/y)			10/21/14					
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								

Vault Target Storage

Tray #	Pail #	Target	Initial Reading (mSv/Hr)	Second Reading (mSv/Hr)	Third Reading (mSv/Hr)	Status	Comments	Removed (m/d/y)
6A	103	Nb # 7	178mSv/hr	3.53mSv/hr	2.5mSv/hr	Assayed		
Date(m/d/y)			11/09/12	05/21/14	09/12/14			
6B	97	Ta #38	226 mSv/hr	2.88mSv/hr	2.36mSv/hr	Assayed	Bolts might be contaminated	
Date(m/d/y)			08/02/12	05/21/14	09/12/14			
6C	88	Ta #35	411mSv/hr	8.26mSv/hr	4.69mSv/hr	Assayed	Measured again on 09/12/14 and no	
Date(m/d/y)			07/25/11	06/20/13	05/21/14		change in the field it is still 4.7mSv/hr	
7A	112	Ta #41	536mSv/hr	37.6mSv/hr		Measured	Pail is unnumbered	
Date(m/d/y)			12/09/13	05/16/14				
7B	114	Ta #42	277mSv/hr				Metal grabby tab is on lid	
Date(m/d/y)			05/30/14					
7C	118	Ta #43	150mSv/hr					
Date(m/d/y)			09/05/14					
8A								
Date(m/d/y)								
8B	119	UC_x #10	28.9mSv/hr					
Date(m/d/y)			09/26/14					
8C	116	UC_x #9	7.93mSv/hr					
Date(m/d/y)			07/21/14					

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.

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