

SNM-1192  
(07000058)

Spher. - max. ~ 1000 fpm  
1 inch - dia

Corr. Lab - 500 cpm /  
< .1

Powder Rm - gone - walls + all

mfg Area -  
(furnace Area) general  
~ 500 cpm.  
max 1000 cpm

Vault - racks ~~not~~ 1500 cpm  
floor - < 500  
< .1

Vault Storage .3  
1500 max,  
< 500 avg.

~~Plating~~  
Plating Rm - max 2000 cpm  
on top of sealed box < 500  
< .1

Marginal Chem - < .1  
< 500 cpm -  
< 1000 cpm -

H<sup>3</sup> lab - Duct removed

All exhaust duct removed.

+ Collection media removed.

Exhaust Stacks down.

Eqm gone -

Entire area steam jetted false ceiling removed.

Pi-90 Radiology Lab.

Pi-90 < .1 m/hr

Evap. gone - tank clean.

South exhaust plenum @ 1000 cpm

max 1000 < .1

North exhaust plenum - 1500 cpm.

max 3000 cpm

on hab unit only

< .4 m/hr

Blower gone -

Pool - filled w/ dirt.

All other areas. OK.

$\alpha$	$\sim 5K$ D/m/100 <sup>2</sup> $\sim 25K$	$\sim 1000$ D/m/100 <sup>2</sup>
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$P_{in}$	$\sim .5K$ $\sim 2.5K$	$\sim 100$
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$\beta$	$\sim .2$ $\sim .1$	$1000$ D/m/100 <sup>2</sup>
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$\alpha$	$\sim 10K$	$1000$
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$P_{in}$	$100K$	$100$
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$\beta$	$\sim .4$	$1000$
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Sample  
No

Location

- #1 Metallography smear on floor.
- #2 Refractory metal Lab. floor.
- #3 Welding Rm. floor.
- #4 Spheroidization Lab. floor.
- #5 Furnace Rm, Area near furnace: area floor
- #6 " " " inside floor drain pipe
- #7 " " " top of light fixture.
- #8 Hallway Electrical Panel top.
- #9 Corrosion Lab. Hood swipe.
- #10 metal Lab #21 floor swipe
- #11 Ceramics Lab, ledge swipe
- #13 " " drain pipe #38 swipe.
- #12 Dynamic Corrosion Lab. floor
- #14 ~~Chem Lab~~ Chem Lab. Floor <sup>West.</sup> (inorganic chem.)
- #15 " " " East.
- #16 " " light fixture.
- #17 " " MSA gas analyzer top.
- #18 Metallograph Lab. EXT. #1 floor smear
- #19 Plating sump tank lid.
- #20 " floor acid bath area.
- #21 " raised ledge surface
- #22 " Wall
- #23 Laundry Sump ledge

Sample No.	Location
#24	Laundry Floor
#25	Sump #52
	Blank fingers (W. Sapentz)
#26	Electrical Fixture Powder Rm Area.
#27	Powder Rm. Floor. (demolished Rm area)
#28	Mill Area. Staging Rm. Floor
#29	" " " " "
#30	" " " " " Door ledge.
#31	" " " " " Pl. center way.
#32	" " " " " Pl. Sump.
#33	" " " " " Pl. Center.
#34	" " " " " Electrical ledge
#35	Boiling Rm. floor
#36	" " " " " Sump ledge.
#37	" " " " " floor
#38	Vault Storage floor near clean rm.
#39	" " " " " pipes
#52	Welding Shop floor.
#51	" " " " "
#50	Ground Ex. Powder Rm. Ledger.
#49	Pellet Rm. Floor Corner
#48	" " " " " near sump.
#47	" " " " " Electrical Fixture ledge.
#46	E. End of Hall floor.
#45	Center of Hall floor.
44	Vacuum Furnace Lab. floor.
43	Radioisotope Lab. floor.

42 St 90 Wall.

41 Jungs Walt. L.

\* 40 Dust Collector Housing Frame INLET