

*If you are using a printed copy of this procedure, and not the on-screen version, then you **MUST** make sure the dates at the bottom of the printed copy and the on-screen version match. The on-screen version of the Collider-Accelerator Department Procedure is the Official Version. Hard copies of all signed, official, C-A Operating Procedures are available by contacting the **ESSHQ Procedures Coordinator, Bldg. 911A***

C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

9.5.15.a List of Soil Coupon Locations

Text Pages 2 through 3

C-A-OPM Procedures in which this Attachment is used.		
9.5.15		

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
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Approved: \_\_\_\_\_ *Signature on File* \_\_\_\_\_  
 Collider-Accelerator Department Chairman Date

M. Van Essendelft

<b>SOIL COUPON LOCATIONS</b>	<b>DATE PLACED</b>	<b>REASON PLACED/REQUESTER</b>
BOOSTER/BAF EXTRACTION (OLD DUMP) 90 Degrees	October 1, 2002	Known Beam Loss - Lessard
BOOSTER/BAF EXTRACTION (OLD DUMP) 67 Degrees FWD	October 1, 2002	Known Beam Loss - Lessard
BOOSTER/BAF EXTRACTION (OLD DUMP) 67 Degrees BWD	October 1, 2002	Known Beam Loss - Lessard
BOOSTER/BAF DUMP 90 Degrees	October 1, 2002	Known Beam Loss - Lessard
BOOSTER/BAF DUMP 67 Degrees FWD	October 1, 2002	Known Beam Loss - Lessard
BOOSTER/BAF DUMP 67 Degrees BWD	October 1, 2002	Known Beam Loss - Lessard
VQ12 MAGNET LOCATION 1 (U Line)	October 9, 2002	Known Beam Loss - Lessard
VQ12 MAGNET LOCATION 2 (U Line)	October 9, 2002	Known Beam Loss - Lessard
VQ12 MAGNET LOCATION 3 (U Line)	October 9, 2002	Known Beam Loss - Lessard
VQ12 MAGNET LOCATION 4 (U Line)	October 9, 2002	Known Beam Loss - Lessard
RHIC W LINE BEAM DUMP 90 DEGREES	October 9, 2002	Known Beam Loss - Lessard
RHIC W LINE BEAM DUMP 67 DEGREES FWD	October 9, 2002	Known Beam Loss - Lessard
RHIC W LINE BEAM DUMP 90 DEGREES BWD	October 9, 2002	Known Beam Loss - Lessard
RHIC BLUE LINE BEAM DUMP 90 DEGREES	October 25, 2002	Known Beam Loss - Lessard
RHIC BLUE LINE BEAM DUMP 67 DEGREES FWD	October 25, 2002	Known Beam Loss - Lessard
RHIC BLUE LINE BEAM DUMP 67 DEGREES BWD	October 25, 2002	Known Beam Loss - Lessard
RHIC YELLOW LINE BEAM DUMP 90 DEGREES	October 25, 2002	Known Beam Loss - Lessard
RHIC YELLOW LINE BEAM DUMP 67 DEGREES FWD	October 25, 2002	Known Beam Loss - Lessard
RHIC YELLOW LINE BEAM DUMP 67 DEGREES BWD	October 25, 2002	Known Beam Loss - Lessard
RHIC BLUE LINE SCRAPER/COLIMATOR 90 DEGREES	October 25, 2002	Known Beam Loss - Lessard
RHIC BLUE LINE SCRAPER/COLIMATOR 67 DEGREES FWD	October 25, 2002	Known Beam Loss - Lessard
RHIC BLUE LINE SCRAPER/COLIMATOR 67 DEGREES BWD	October 25, 2002	Known Beam Loss - Lessard
RHIC YELLOW LINE SCRAPER/COLIMATOR 90 DEGREES	October 25, 2002	Known Beam Loss - Lessard
RHIC YELLOW LINE SCRAPER/COLIMATOR 67 DEGREES FWD	October 25, 2002	Known Beam Loss - Lessard
RHIC YELLOW LINE SCRAPER/COLIMATOR 67 DEGREES BWD	October 25, 2002	Known Beam Loss - Lessard
LINAC/BLIP "Y" Chamber	January 15, 2003	Known Beam Loss - Lessard
LINAC HEBT DIPOLE – ND249	January 15, 2003	Known Beam Loss - Lessard
LINAC WATER STOPS – NZ304	January 15, 2003	Known Beam Loss - Lessard
AGS J-10 Scraper	November 1, 2004	Known Beam Loss - Lessard
L20 BtA Injection	November 1, 2004	Known Beam Loss - Lessard

RHIC Injection Septum Lambertson – Blue Line 90 Degrees	November 1, 2004	Beam Dump (start-up) - Drees
RHIC Injection Septum Lambertson – Yellow Line 90 Degrees	November 1, 2004	Beam Dump (start-up) - Drees
RHIC Injection Septum Lambertson – Blue Line Floor	November 1, 2004	Beam Dump (start-up) - Drees
RHIC Injection Septum Lambertson – Yellow Line Floor	November 1, 2004	Beam Dump (start-up) - Drees
1006 Secondary Collimator – Vertical	November 1, 2004	Potential Beam Loss (uncapped area) - Lessard
1010 Secondary Collimator - Vertical	November 1, 2004	Potential Beam Loss (uncapped area) - Lessard
1008 Secondary Collimator – Blue Line Horizontal #1	Not placed yet	
1008 Secondary Collimator – Blue Line Horizontal #2	Not placed yet	
1008 Secondary Collimator – Yellow Line Horizontal #1	Not placed yet	
1008 Secondary Collimator – Yellow Line Horizontal #2	Not placed yet	
1008 Secondary Collimator – Blue Line Vertical #1	Not placed yet	
1008 Secondary Collimator – Yellow Line Vertical #1	Not placed yet	
AGS J-10 Scraper - Annual	September 2006	Known Beam Loss - Lessard
AGS J-10 Scraper –Line of sight	October 2006	Cap Evaluation - Ahrens
AGS J-10 Scraper – 90 degrees backside	October 2006	Cap Evaluation - Ahrens
AGS J-10 Scraper – 10 ft. back	October 2006	Cap Evaluation - Ahrens
AGS J-10 Scraper – 38 ft. fwd	October 2006	Cap Evaluation - Ahrens
L20 BtA Injection - Annual	September 2006	Known Beam Loss - Lessard
LINAC WATER STOPS – NZ304 - Annual	September 2006	Known Beam Loss - Lessard
ATR – UQ1 Water Sample	September 2006	Activation Study - Glenn
ATR – UQ1 Soil Sample	September 2006	Activation Study - Glenn
ATR – UQ3 Water Sample	September 2006	Activation Study - Glenn
ATR – UQ3 Soil Sample	September 2006	Activation Study - Glenn
UD4/UD5 Stripper Foil	February 2007	Activation Study - Beavis
UQ6 Stripper Foil	February 2007	Activation Study - Beavis