



Jefferson Lab Alignment Group

Data Transmittal

TO: Elton Smith

DATE: 25 Sep 2018

FROM: Chris Curtis

Checked:

: A1888

DETAILS:

data : \inspection\HallA\Dump\180907A
 \step2B\HallA\Dump\180914A

The following results are a compilation of distances measured in and around the Hall A dump over several years. In 1993 and 1994 distances of 30.47m and 30.485m were measured from the entrance to the dump tunnel to the back wall. These have been added to the recent determination of the entrance location (9/7/18) to get the distance from the Hall A center. Similarly the Radcon laser distances have been added to the isolation wall location to get the distance from the hall center. All distances are in meters.

Survey Date	Tunnel entrance	3" Ap'r	Iso Wall	Diffuser	US Flange	DS Flange	Step	Dump	Back Wall
6/2/1993							44.803		56.993
9/23/1994									57.008
9/24/2014					33.379	38.034			
9/7/2018	26.523		31.964						
9/14/2018		29.254							
Radcon laser									
8/21/2018					Top Hat	Mid Flng			
<i>Measured dist.</i>			<i>0.000</i>	<i>0.491</i>	<i>1.411</i>	<i>6.038</i>		<i>18.27</i>	<i>25.091</i>
From A center				32.455	33.375	38.002		50.234	57.055