Run Date: 03/05/2010

Hazard Assessment Sampling System
EA and Sample Result Listing

Assessment	9805
Contract	INL
Performed by	DEBORAH PUCCINELLI
Survey Date	07/15/2004
Work Process	SUPPORT ACTIVITIES
Category	INDUSTRIAL HYGIENE
Task	SAMPLING-CHEMICAL
Sub Task	
Location	INEEL RTC 601
Project Number	
Reviewed Plans	BERYLLIUM GUIDELINES/COMPANY PROCEDURE

Process Comments

IN AN EFFORT TO DETERMINE AMOUNT OF BERYLLIUM EXISTING IN FACILITIES AT RTC, TRA-601 AND TRA-670 WERE SAMPLED BY IH AT VARIOUS LOCATIONS.

Hazardous Agents

Agent Name	Samp Req.
BERYLLIUM	N

Follow Up Actions

NO UPDATE REQUIRED

Sample Direct Reading/Bulk/Wipe Results

Sample	1	Sample Type	Area
Start Date	07/15/2004	Competion Date	10/25/2005
Sequence	1		
Agent	BERYLLIUM		
Result Date	07/15/2004		
Measured Value	< 0.10 UG/100CM2		
Exposure Limit	0.2 UG/100CM2		
Standard	OTHER		
Time	OTHER		
Location	TOP OF GRAY METAL CABINET		
Comments	LESS THAN THE MINIMUM REPORTING LIMIT OF		
Data Quality Comments	0.10 UG		

Sample	1	Sample Type	Area
Start Date	07/15/2004	Competion Date	10/25/2005
Sequence	2		
Agent	BERYLLIUM		
Result Date	07/15/2004		
Measured Value	< 0.10 UG/100CM2		
Exposure Limit	0.2 UG/100CM2		
Standard	OTHER		
Time	OTHER		
Location	TOP OF NORTH OVERHEAD LIGHT		
Comments	LESS THAN THE MINIMUM REPORTING LIMIT OF		
Data Quality Comments	0.10 UG		

Sample Direct Reading/Bulk/Wipe Results

Sample	1	Sample Type	Area
Start Date	07/15/2004	Competion Date	10/25/2005
Sequence	3		
Agent	BERYLLIUM		
Result Date	07/15/2004		
Measured Value	0.10 UG/100CM2		
Exposure Limit	0.2 UG/100CM2		
Standard	OTHER		
Time	OTHER		
Location	FLOOR AT THE NORTHWEST CORNER		
Comments	EQUAL TO THE MINIMUM REPORTING LIMIT OF		
Data Quality Comments	0.10 UG		

Sample	1	Sample Type	Area
Start Date	07/15/2004	Competion Date	10/25/2005
Sequence	4		
Agent	BERYLLIUM		
Result Date	07/15/2004		
Measured Value	0.10 UG/100CM2		
Exposure Limit	0.2 UG/100CM2		
Standard	OTHER		
Time	OTHER		
Location	WESTSIDE LEDGE BELOW LOUVERS		
Comments	EQUAL TO THE MINIMUM REPORTING LIMIT OF		
Data Quality Comments	0.10 UG		

Sample	1	Sample Type	Area
Start Date	07/15/2004	Competion Date	10/25/2005
Sequence	5		
Agent	BERYLLIUM		
Result Date	07/15/2004		
Measured Value	< 0.10 UG/100CM2		
Exposure Limit	0.2 UG/100CM2		
Standard	OTHER		
Time	OTHER		
Location	FLOOR NORTHEAST CORNER		
Comments	LESS THAN THE MINIMUM REPORTING LIMIT OF		
Data Quality Comments	0.10 UG		

Sample	1	Sample Type	Area
Start Date	07/15/2004	Competion Date	10/25/2005
Sequence	6		
Agent	BERYLLIUM		
Result Date	07/15/2004		
Measured Value	< 0.10 UG/100CM2		
Exposure Limit	0.2 UG/100CM2		
Standard	OTHER		
Time	OTHER		
Location	TOP OF EAST OVERHEAD LIGHT		
Comments	LESS THAN THE MINIMUM REPORTING LIMIT OF		
Data Quality Comments	0.10 UG		

Sample	2	Sample Type	Area
Start Date	07/19/2004	Competion Date	10/25/2005
Sequence	1		
Agent	BERYLLIUM		
Result Date	07/19/2004		
Measured Value	< 0.10 UG/100CM2		
Exposure Limit	0.2 UG/100CM2		
Standard	OTHER		
Time	OTHER		

Sample Direct Reading/Bulk/Wipe Results

Location	CANAL SOUTH WALL BY STAIRWELL
Comments	LESS THAN THE MINIMUM REPORTING LIMIT OF
Data Quality Comments	0.10 UG

Sample	2	Sample Type	Area
Start Date	07/19/2004	Competion Date	10/25/2005
Sequence	2		
Agent	BERYLLIUM		
Result Date	07/19/2004		
Measured Value	< 0.10 UG/100CM2		
Exposure Limit	0.2 UG/100CM2		
Standard	OTHER		
Time	OTHER		
Location	FLOOR-NORTHEAST PILLAR BASE-CANAL		
Comments	LESS THAN THE MINIMUM REPORTING LIMIT OF		
Data Quality Comments	0.10 UG		

Sample	2	Sample Type	Area
Start Date	07/19/2004	Competion Date	10/25/2005
Sequence	3		
Agent	BERYLLIUM		
Result Date	07/19/2004		
Measured Value	< 0.10 UG/100CM2		
Exposure Limit	0.2 UG/100CM2		
Standard	OTHER		
Time	OTHER		
Location	STORAGE CABINET TOP-CANAL		
Comments	LESS THAN THE MINIMUM REPORTING LIMIT OF		
Data Quality Comments	0.10 UG		

Sample	2	Sample Type	Area
Start Date	07/19/2004	Competion Date	10/25/2005
Sequence	4		
Agent	BERYLLIUM		
Result Date	07/19/2004		
Measured Value	< 0.10 UG/100CM2		
Exposure Limit	0.2 UG/100CM2		
Standard	OTHER		
Time	OTHER		
Location	CAM TOP-NORTHEAST CORNER-REACTOR		
Comments	LESS THAN THE MINIMUM REPORTING LIMIT OF		
Data Quality Comments	0.10 UG		

Sample	2	Sample Type	Area
Start Date	07/19/2004	Competion Date	10/25/2005
Sequence	5		
Agent	BERYLLIUM		
Result Date	07/19/2004		
Measured Value	< 0.10 UG/100CM2		
Exposure Limit	0.2 UG/100CM2		
Standard	OTHER		
Time	OTHER		
Location	FLOOR-SOUTHWEST WALL BY EXTINGUISHER		
Comments	LESS THAN THE MINIMUM REPORTING LIMIT OF		
Data Quality Comments	0.10 UG		

Sample	2	Sample Type	Area
Start Date	07/19/2004	Competion Date	10/25/2005

Sample Direct Reading/Bulk/Wipe Results

Sequence	6
Agent	BERYLLIUM
Result Date	07/19/2004
Measured Value	< 0.10 UG/100CM2
Exposure Limit	0.2 UG/100CM2
Standard	OTHER
Time	OTHER
Location	FLOOR-NORTHWEST BY PLAYPEN-REACTOR
Comments	LESS THAN THE MINIMUM REPORTING LIMIT OF
Data Quality Comments	0.10 UG

Sample	2	Sample Type	Area
Start Date	07/19/2004	Competion Date	10/25/2005
Sequence	7		
Agent	BERYLLIUM		
Result Date	07/19/2004		
Measured Value	< 0.10 UG/100CM2		
Exposure Limit	0.2 UG/100CM2		
Standard	OTHER		
Time	OTHER		
Location	BLANK SAMPLE		
Comments	LESS THAN THE MINIMUM REPORTING LIMIT OF		
Data Quality Comments	0.10 UG		

SCHNEIDER LABORATORIES

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LABORATORY ANALYSIS REPORT

Beryllium Analysis by EPA 3050B/7091 Method

ACCOUNT #:	1822-04-426	**DATE COLLECTED:**	7/15/2004
CLIENT:	Bechtel BWXT Idaho, LLC (BBWI)	**DATE RECEIVED:**	7/21/2004
ADDRESS:	2525 Fremont Ave., PO Box 1625 (ATTN: DA Idaho Falls ID 83415-4121	**DATE ANALYZED:**	7/26/2004
		DATE REPORTED:	7/27/2004
PO NO.:	101498		
PROJECT NAME:	BerylliumBckgrndSamp		
PROJECT NO.:		**SAMPLE TYPE:**	Wipe
JOB LOCATION:	TRA		

SLI Sample No.	Client Sample No.	Sample Description	Sample Area (cm²)	Dil Factor	Total Beryllium (µg)*	Beryllium Conc. (µg/100cm²)*
28093607	601-01	Top Of Metal Cabinet	100.00	1	< 0.10	< 0.1
28093608	601-02	Top Of N Overhd Lght	100.00	1	< 0.10	< 0.1
28093609	601-03	Floor-NW Corner	100.00	1	0.10	< 0.1
28093610	601-04	WSd Ledge Blw Louver	100.00	1	0.10	< 0.1
28093611	601-05	FLoor-NE Corner	100.00	1	< 0.10	< 0.1
28093612	601-06	Top Of E Ovrhd Light	100.00	1	< 0.10	< 0.1
28093613	670-01	CanalSWallByStrwell	100.00	1	< 0.10	< 0.1
28093614	670-02	Fl-NEPillerbs-Canal	100.00	1	< 0.10	< 0.1
28093615	670-03	StrgCabinetTop-Canal	100.00	1	< 0.10	< 0.1
28093616	670-04	CamTop-NECrnrReactor	100.00	1	< 0.10	< 0.1
28093617	670-05	FSWWallByExtingister	100.00	1	< 0.10	< 0.1
28093618	670-06	Fl-NWByPlyPenReactor	100.00	1	< 0.10	< 0.1
28093619	670-07	Blank	100.00	1	< 0.10	< 0.1

ANALYST: DEREK L. JACKSON, ANALYST

REVIEWED BY: MATTHEW D. ASBURY, LAB DIRECTOR

Minimum Reporting Limit: 0.10 µg Total Beryllium. ELLAP certification applies only to samples taken on ASTM E 1792 wipe me Industrial projects may have limits established per project. Standard and spike values are reported as percent recovery for QC purposes. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.