Run Date: 03/05/2010

Hazard Assessment Sampling System
EA and Sample Result Listing

Assessment	1898
Contract	INL
Performed by	JAMES WILKINSON
Survey Date	02/22/2000
Work Process	SUPPORT ACTIVITIES
Category	ENVIRONMENTAL
Task	CHARACTERIZATION
Sub Task	
Location	INEEL RTC 670
Project Number	
Reviewed Plans	

Process Comments

PROJECT REQUIRED SAMPLES OF BERYLLIUM REFLECTOR BLOCK (IN ATR CANAL) BE SAMPLED. THE BERYLLIUM BLOCK IS UNDER 20 FEET OF WATER AND THE SAMPLES THAT ARE TAKEN FROM THE BLOCK ARE KEPT UNDER WATER AT ALL TIMES. THE SAMPLES ARE OBTAINED USING A HYDRAULIC CHISSEL.NO GENERATION OF BUBBLES WERE NOTICED WHILE BREAKING OFF THE SAMPLES OF BERYLLIUM FROM THE REFLECTOR BLOCKS. BUBBLE GENERATION WAS CONSIDERED A POTENTIAL PROBLEM DURING THE PROJECT DEVELOPMENT. CHARGE NUMBER IS 125120001.

Hazardous Agents

Agent Name	Samp Req.
BERYLLIUM	Y

Engineering Controls

HEPA FILTERED EXHAUST

WETTING

Administrative Controls

PREJOB BRIEFING

PROCEDURES

SIGNS

TRAINING

Personal Protective Equipment

Equip Type	Protective Equipment
FOOT	SHOE COVERS
GLOVE	NEOPRENE
CLOTHING	TYVEK COVERALLS WITH HOOD

Follow Up Actions

(OLD CODE)PERFORM UPDATE AS NEEDED IF TASK IS PERFORMED IN THE FUTURE

Similar Exposure Group

S Nmbr	Employee	Job Code	Job Description
66410	MICHAEL DAVID	UNKNOWN	E48
27780	JAY KAUER		U90

Sample Agent Results

Sample	1	Sample Type	Personal
Sample Date	02/22/2000	Completion Date	12/11/2001
Agent	BERYLLIUM		
Concentration	<0.0001 MG/M3		
Calculated TWA	<0.00002 MG/M3		
Exposure Limit	0.002 MG/M3		
Standard	ACGIH TLV		
Time	8 HR - TWA		
Recmnd/Conc			
Data Quality Comments			

Sample	2	Sample Type	Personal
Sample Date	02/22/2000	Completion Date	12/11/2001
Agent	BERYLLIUM		
Concentration	<0.00006 MG/M3		
Calculated TWA	<0.00002 MG/M3		
Exposure Limit	0.002 MG/M3		
Standard	ACGIH TLV		
Time	8 HR - TWA		
Recmnd/Conc			
Data Quality Comments			

Sample	3	Sample Type	Personal
Sample Date	02/28/2000	Completion Date	12/11/2001
Agent	BERYLLIUM		
Concentration	<0.00005 MG/M3		
Calculated TWA	<0.00002 MG/M3		
Exposure Limit	0.002 MG/M3		
Standard	ACGIH TLV		
Time	8 HR - TWA		
Recmnd/Conc			
Data Quality Comments			

Sample	4	Sample Type	Personal
Sample Date	02/28/2000	Completion Date	12/11/2001
Agent	BERYLLIUM		
Concentration	0		
Calculated TWA	0		
Exposure Limit	0		
Standard			
Time			
Recmnd/Conc			
Data Quality Comments			