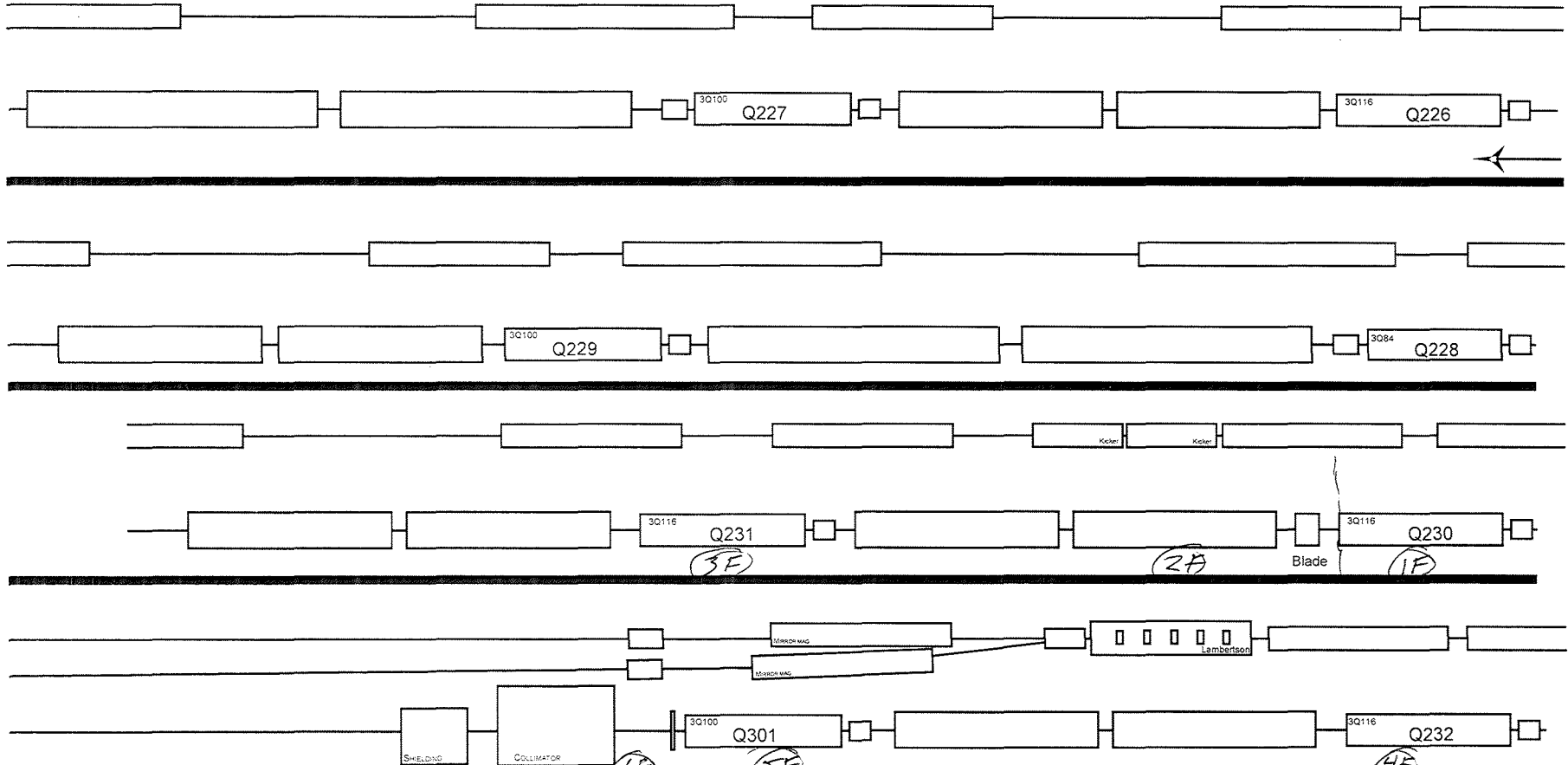


This Survey is part of the MI 20-62 survey package. See attached cover sheet for surveyor, instrument, and review information.

MI 226-301

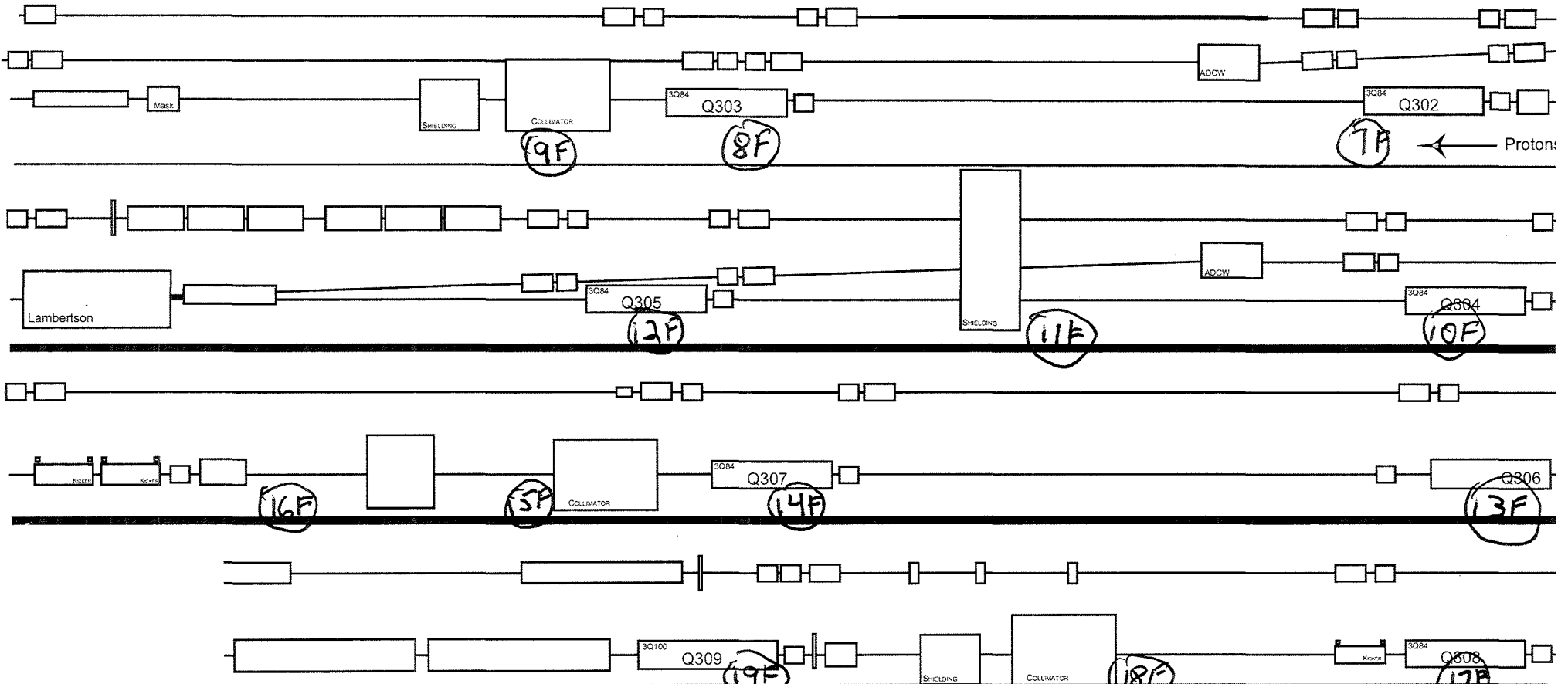


Beam Off Date:	Beam Off Time:	Intensity:	Highest Dose Rate Found: <u>1.4</u> mR/hr @ 1foot
Radiation Instruments Used		Bkgd _____ cpm	
Inst Type:	Inst No:	Wipe #	Reading
Batt/Source Chk:	Cal. Due Date:	_____	_____
All Areas <1.4 mR/hr@1foot (Unless otherwise indicated) LEGEND: Numbers appearing on map are mR/hr @ 1 ft readings unless denoted with symbols below. * = mR/hr @ contact A = Air Sample (#) = Wipe (F#) = Floor wipe		_____	_____
		_____	_____
		_____	_____
		_____	_____
		_____	_____
Comments: Surveyed By: <u>Burch / Sedory / Fulgham</u> Reviewed By: <u>[Signature]</u>		_____	_____
		_____	_____

DATE: 7-13-20 TIME: 1045 PURPOSE: Decon Post RWP # AD-20-096

This Survey is part of the MI 20-62 survey package. See attached cover sheet for surveyor, instrument, and review information.

MI 302-309

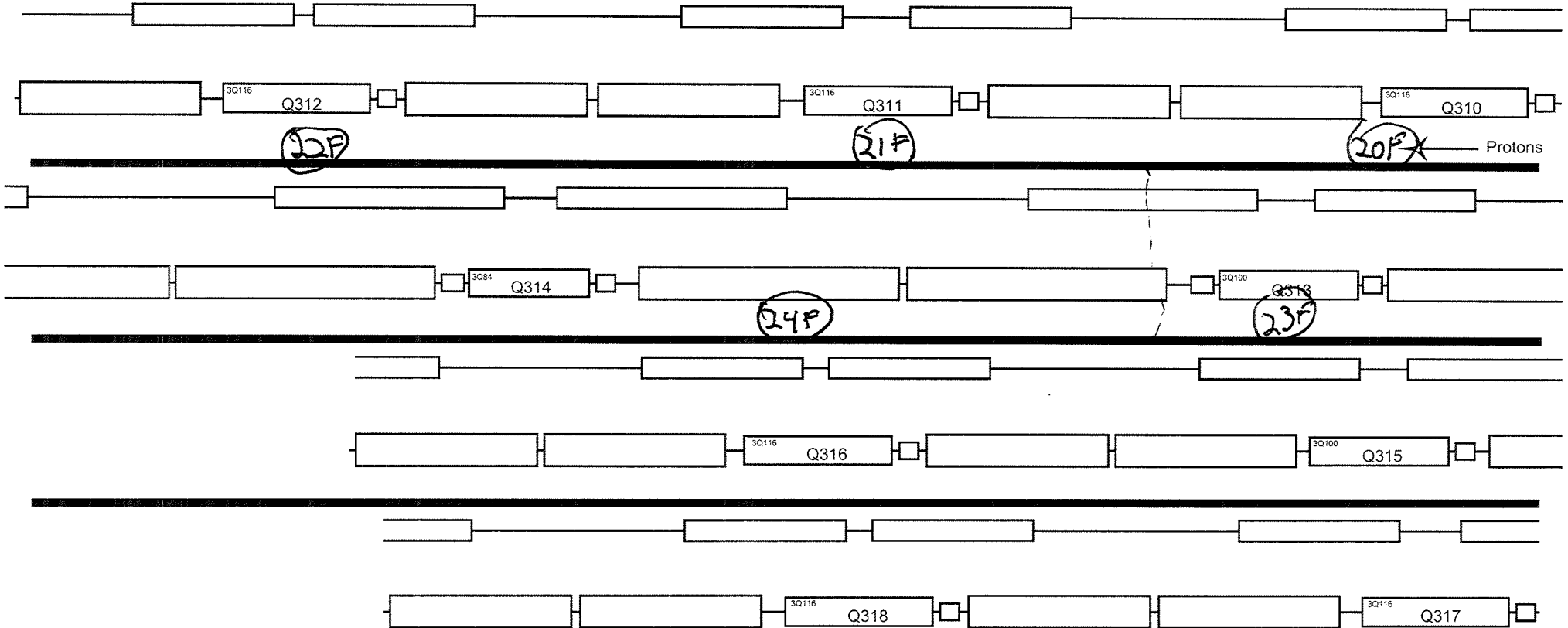


Beam Off Date:	Beam Off Time:	Intensity:	Highest Dose Rate Found: <u>1/14</u> mR/hr @ 1 foot
Radiation Instruments Used		Bkgd _____ cpm Wipe # Reading Wipe # Reading _____ ccpm _____ ccpm _____ ccpm _____ ccpm _____ ccpm _____ ccpm _____ ccpm _____ ccpm _____ ccpm _____ ccpm	Comments: Surveyed By: <u>Busch / Sedury / Fulghab</u> Reviewed By: _____
Inst Type: _____	_____		
Inst No: _____	_____		
Batt/Source Chk: _____	_____		
Cal. Due Date: _____	_____		
All Areas < <u>1/14</u> mR/hr @ 1 foot (Unless otherwise indicated)			
LEGEND: Numbers appearing on map are mR/hr @ 1 ft readings unless denoted with symbols below. * = mR/hr @ contact A = Air Sample (#) = Wipe (F#) = Floor wipe			

DATE: 4-13-20 TIME: 1045 PURPOSE: Decon Post RWP # AD-20-096

This Survey is part of the MI 20-62 survey package. See attached cover sheet for surveyor, instrument, and review information.

MI 310-318



Beam Off Date:	Beam Off Time:	Intensity:	Highest Dose Rate Found: <u>N/A</u> mR/hr @ 1foot
Radiation Instruments Used Inst Type: _____ Inst No: _____ Batt/Source Chk: _____ Cal. Due Date: _____		Bkgd _____ cpm Wipe # Reading Wipe # Reading _____ ccpm _____ ccpm _____ ccpm _____ ccpm _____ ccpm _____ ccpm _____ ccpm _____ ccpm _____ ccpm _____ ccpm	Comments: Surveyed By: <u>Buseh / Sedory / Edgeman</u> Reviewed By: _____
All Areas < <u>N/A</u> mR/hr@1foot (Unless otherwise indicated) LEGEND: Numbers appearing on map are mR/hr @ 1 ft readings unless denoted with symbols below. * = mR/hr @ contact A = Air Sample (#) = Wipe (F#) = Floor wipe			

Wipe Counting Sheet

Wipe #	Reading		Wipe #	Reading		Wipe #	Reading		Wipe #	Reading	
1	0	ccpm	19	0	ccpm			ccpm			ccpm
2	0	ccpm	20	0	ccpm			ccpm			ccpm
3	0	ccpm	21	0	ccpm			ccpm			ccpm
4	0	ccpm	22	0	ccpm			ccpm			ccpm
5	0	ccpm	23	0	ccpm			ccpm			ccpm
6	0	ccpm	24	0	ccpm			ccpm			ccpm
7	0	ccpm			ccpm			ccpm			ccpm
8	0	ccpm			ccpm			ccpm			ccpm
9	0	ccpm			ccpm			ccpm			ccpm
10	0	ccpm			ccpm			ccpm			ccpm
11	0	ccpm			ccpm			ccpm			ccpm
12	0	ccpm			ccpm			ccpm			ccpm
13	0	ccpm			ccpm			ccpm			ccpm
14	0	ccpm			ccpm			ccpm			ccpm
15	0	ccpm			ccpm			ccpm			ccpm
16	0	ccpm			ccpm			ccpm			ccpm
17	0	ccpm			ccpm			ccpm			ccpm
18	0	ccpm			ccpm			ccpm			ccpm

Beam Off Date:	Beam Off Time:	Intensity:	Highest Dose Rate Found: _____ mR/hr @ 1foot
Radiation Instruments Used		Bkgd <u>30</u> cpm	Comments:
Inst Type: <u>fraker</u>			
Inst No: <u>33</u>		_____ ccpm _____ ccpm	
Batt/Source Chk: <u>SAT</u>		_____ ccpm _____ ccpm	
Cal. Due Date: <u>10/20</u>		_____ ccpm _____ ccpm	
All Areas < _____ mR/hr@1foot (Unless otherwise indicated)		_____ ccpm _____ ccpm	
LEGEND: Numbers appearing on map are mR/hr @ 1 ft readings unless denoted with symbols below. * = mR/hr @ contact		_____ ccpm _____ ccpm	
A = Air Sample (#) = Wipe (F#) = Floor wipe		_____ ccpm _____ ccpm	Surveyed By: <u>Busch</u>
			Reviewed By: _____

Radionuclide Analysis Facility
Gamma Analysis Report
Issued by Ian H. Hoppie

Report Date: April 16, 2020
Work Request #: 20-125
Submitted by: Joel Fulgham on 4/13/20
Workbook: HPG#3-11, page(s) 17

MI-30 Wipes

The ESH Section/RPO/RCT Team submitted 15 wipe samples on Work Request# 20-125 for analysis of accelerator produced radionuclides. Each sample was counted on detector HPG#3. The following table lists the radionuclides detected in the samples along with the corresponding specific activities. If a sample activity was reported, it has been corrected to the time of sampling.

SampleID#	Sample Time	Location	Container	Count Info	Unit	Count Date	Radionuclide	Activity (pCi/Sample)
200413JF01	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/14/20 @ 9:57	---	None Detected
200413JF02	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/14/20 @ 11:02	---	None Detected
200413JF03	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/14/20 @ 12:10	---	None Detected
200413JF04	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/14/20 @ 13:14	---	None Detected
200413JF05	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/14/20 @ 14:29	---	None Detected
200413JF06	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/15/20 @ 8:48	---	None Detected
200413JF07	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/15/20 @ 9:56	---	None Detected
200413JF08	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/15/20 @ 12:19	---	None Detected
200413JF09	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/15/20 @ 13:27	Be-7	220 ± 40
200413JF10	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/15/20 @ 14:31	---	None Detected
200413JF11	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/16/20 @ 8:13	---	None Detected
200413JF12	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/16/20 @ 9:18	---	None Detected

<u>SampleID#</u>	<u>Sample Time</u>	<u>Location</u>	<u>Container</u>	<u>Count Info</u>	<u>Unit</u>	<u>Count Date</u>	<u>Radionuclide</u>	<u>Activity (pCi/Sample)</u>
200413JF13	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/16/20 @ 10:26	---	None Detected
200413JF14	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/16/20 @ 11:28	---	None Detected
200413JF15	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/16/20 @ 12:39	---	None Detected

cc: ESH/RPO/RCT Distribution List
ESH/RPS/RAF Distribution List

**Radionuclide Analysis Facility
Gamma Analysis Report**

Issued by Ian H. Hoppie

Report Date: April 16, 2020
Work Request #: 20-126
Submitted by: Joel Fulgham on 4/13/20
Workbook: HPGe#1-20, page(s) 116

MI-30 Wipes

The ESH Section/RPO/RCT Team submitted 9 wipe samples on Work Request# 20-126 for analysis of accelerator produced radionuclides. Each sample was counted on detector HPGe#1. The following table lists the radionuclides detected in the samples along with the corresponding specific activities. If a sample activity was reported, it has been corrected to the time of sampling.

SampleID#	Sample Time	Location	Container	Count Info	Unit	Count Date	Radionuclide	Activity (pCi/Sample)
200413JF16	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/15/20 @ 8:48	---	None Detected
200413JF17	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/15/20 @ 9:56	---	None Detected
200413JF18	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/15/20 @ 12:19	---	None Detected
200413JF19	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/15/20 @ 13:27	---	None Detected
200413JF20	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/15/20 @ 14:31	---	None Detected
200413JF21	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/16/20 @ 8:13	---	None Detected
200413JF22	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/16/20 @ 9:18	---	None Detected
200413JF23	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/16/20 @ 10:26	---	None Detected
200413JF24	10:45	MI-30 Wipe, See Maps 4/13/20	Glassine Envelope	3600sec @ 4cm	Wipe	4/16/20 @ 11:28	Be-7	280 ± 60

cc: ESH/RPO/RCT Distribution List
ESH/RPS/RAF Distribution List