

**TABLE 3-9**  
**PAOC-9 SUMMARY OF SURVEY RESULTS SAMPLE SELECTION CRITERIA**

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**PAOC-9- CONCRETE FLOOR**

	Sft./Count	100% Scan			Fixed-Point Removable Activity (Smears)					Fixed-Point Total Activity				Sample Selection Criteria		
		BKGD RANGE (cpm)	RESULT MAX RANGE (Gross cpm)	Count No. of MAX > 2Xs BKGD	count	MDA (dpm/100cm2)	RESULT RANGE (dpm/100cm2)	Count >MDA or Lowest DCGL dpm/100cm2 (Alpha - 14 or Beta- 4,670)	count	AVG. BKGD (cpm)	RESULT RANGE (Gross cpm)	Count No. > CSV (Alpha 4.9 cpm/ Beta 960 cpm)	RESULT RANGE > CSV (cpm)	Rationale for Volumetric Sampling	Count No. of Samples	Analysis
Area- PAOC-9 Concrete Floor	1,300															
Grid Cell/Fixed-Points	27													Total Samples (co-located)	2	
Alpha	27	29	All at 20	0	27	9.7	-1.3 to 1.9	0	27	3.3	2 to 4	0	NA	One (1) highest location (4 cpm) for analytical confirmation	1	Alpha Spec.
Beta/ Gamma	27	2,411	All at 2,200	0	27	96	-252 to -246	0	27	380	342 to 369	0	NA	One (1) location- highest value (369) for analytical confirmation	1	Other Target Isotopes

**PAOC-9- VINYL WALL INSULATION**

	Sft./Count	100% Scan			Fixed-Point Removable Activity (Smears)					Fixed-Point Total Activity				Sample Selection Criteria		
		BKGD RANGE (cpm)	RESULT MAX RANGE (Gross cpm)	Count No. of MAX > 2Xs BKGD	count	MDA (dpm/100cm2)	RESULT RANGE (dpm/ 100cm2)	Count >MDA or Lowest DCGL dpm/100cm2 (Alpha - 14 or Beta- 4,670)	count	AVG. BKGD (cpm)	RESULT RANGE (Gross cpm)	Count No. > CSV (Alpha 3.8 cpm/ Beta 960 cpm)	RESULT RANGE > CSV (cpm)	Rationale for Volumetric Sampling	Count No. of Samples	Analysis
Area- PAOC-9 Vinyl Ceiling Insulation	575															
Grid Cell/Fixed-Points	12													Total Sample Locations	2	
Alpha	12	2.2	3 to 4	0	12	8.3	-0.2 to 0.8	0	12	2.2	0 to 2	0	NA	One (1) highest location (2 cpm) for analytical confirmation	1	Alpha Spec.
Beta/ Gamma	12	225	30 to 300	0	12	97	-46.9 to -47.9	0	12	225	200 to 236	0	NA	One (1) location- highest value (236) for analytical confirmation	1	N/A

**TABLE 3-9**  
**PAOC-9 SUMMARY OF SURVEY RESULTS SAMPLE SELECTION CRITERIA**

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**PAOC-9- METAL WALL**

	Sft./Count	100% Scan			Fixed-Point Removable Activity (Smears)					Fixed-Point Total Activity				Sample Selection Criteria		
		BKGD RANGE (cpm)	RESULT MAX RANGE (Gross cpm)	Count No. of MAX > 2Xs BKGD	count	MDA (dpm/100cm2)	RESULT RANGE (dpm/100cm2)	Count >MDA or Lowest DCGL dpm/100cm2 (Alpha - 14 or Beta- 4,670)	count	AVG. BKGD (cpm)	RESULT RANGE (Gross cpm)	Count No. > CSV (Alpha 3.4 cpm/ Beta 960 cpm)	RESULT RANGE > CSV (cpm)	Rationale for Volumetric Sampling	Count No. of Samples	Analysis
Area- PAOC-9 Metal Wall	140															
Grid Cell/Fixed-Points	3													Total Sample Locations	0	
Alpha	3	2.8	All 3 cpm	0	3	8.3	-0.6 to 2.6	0	3	2.8	1 to 1.5	0	NA	None- results consistent with background and below lowest criteria	0	Alpha Spec.
Beta/ Gamma	3	212	All 300 cpm	0	3	97	-46.9 to -47.9	0	3	212	210 to 222	0	NA	None- results consistent with background and below lowest criteria	0	Other Target Isotopes

**PAOC-9- STUCCO WALL**

	Sft./Count	100% Scan			Fixed-Point Removable Activity (Smears)					Fixed-Point Total Activity				Sample Selection Criteria		
		BKGD RANGE (cpm)	RESULT MAX RANGE (Gross cpm)	Count No. of MAX > 2Xs BKGD	count	MDA (dpm/100cm2)	RESULT RANGE (dpm/100cm2)	Count >MDA or Lowest DCGL dpm/100cm2 (Alpha - 14 or Beta- 4,670)	count	AVG. BKGD (cpm)	RESULT RANGE (Gross cpm)	Count No. > CSV (Alpha 6.9 cpm/ Beta 960 cpm)	RESULT RANGE > CSV (cpm)	Rationale for Volumetric Sampling	Count No. of Samples	Analysis
Area- PAOC-9 Stucco Wall	400															
Grid Cell/Fixed-Points	9													Total Sample Locations	2	
Alpha	9	5.3	4	0	9	8.3	-0.6 to 2.6	0	9	5.3	2 to 3	0	NA	One (1) highest location (3 cpm) for analytical confirmation	1	Alpha Spec.
Beta/ Gamma	9	346	300	0	9	97	49 to 59	0	9	346	264 to 298	0	NA	One (1) location- highest value (298) for analytical confirmation	1	Other Target Isotopes