

**TABLE 3-8  
PAOC-8 SUMMARY OF SURVEY RESULTS SAMPLE SELECTION CRITERIA**

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**PAOC-8- 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-8 Concrete Floor	441															
Grid Cell/Fixed-Points	9													Total Samples	2	
Alpha	9	29	All at 20	0	9	9.7	-1.3 to 1.9	0	9	3.3	1.5 to 3.5	0	NA	One (1) highest location (3.5 cpm) for analytical confirmation	1	Alpha Spec.
Beta/ Gamma	9	2,411	All at 2,200	0	9	96	-6.4 to 60.4	0	9	380	343 to 371	0	NA	One (1) location- highest value (371) for analytical confirmation	1	Other Target Isotopes

**PAOC-8- METAL CEILING (Flat & Supports) & WALLS**

	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-8 Metal Ceiling (Flat & Supports) & Walls	+/- 1,400															
Grid Cell/Fixed-Points	39													Total Sample Locations	0	
Alpha	39	1.8	All 2 cpm	0	39	8.3	-0.6 to 2.6	0	39	1.8	0 to 2	0	NA	None- results consistent with background and below lowest criteria	0	Alpha Spec.
Beta/ Gamma	39	212	All 250 cpm	0	39	97	-14 to 60.4	0	39	212	210 to 236	0	NA	None- results consistent with background and below lowest criteria	0	Other Target Isotopes