

**TABLE 3-7**  
**PAOC-7 SUMMARY OF SURVEY RESULTS SAMPLE SELECTION CRITERIA**

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**PAOC-7- 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-7 Concrete Floor	196															
Grid Cell/Fixed-Points	4													Total Samples (co-located)	2	
Alpha	4	29	All at 20	0	4	9.7	-1.3 to 0.0	0	4	3.3	2.5 to 3.5	0	NA	One (1) highest location (3.5 cpm) for analytical confirmation	1	Alpha Spec.
Beta/ Gamma	4	2,411	All at 2,200	0	4	96	15 to 55	0	4	380	359 to 369	0	NA	One (1) location- highest value (369) for analytical confirmation	1	Other Target Isotopes

**PAOC-7- VINYL CEILING & 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-7 Vinyl Ceiling Insulation	440															
Grid Cell/Fixed-Points	9													Total Sample Locations	2	
Alpha	9	2.2	All at 4	0	9	8.3	-0.6 to 2.6	0	9	2.2	1 to 2	0	NA	One (1) highest location (2 cpm) for analytical confirmation	1	Alpha Spec.
Beta/ Gamma	9	225	All at 300	0	9	97	49.5 to 57	0	9	225	216 to 239	0	NA	One (1) location- highest value (239) for analytical confirmation	1	N/A

**TABLE 3-7**  
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**PAOC-7- METAL CEILING SUPPORTS (Vertical Ceiling)**

	Sft./Count	100% Scan			Fixed-Point Removable Activity (Smears)					Fixed-Point Total Activity				Sample Selection Criteria		
Area- PAOC-7 Metal Ceiling Support Structures	200 (+/-)	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
Grid Cell/Fixed-Points	8													Total Sample Locations	0	
Alpha	8	1.8	3 to 4	1 at 4	8	8.3	-0.6 to 2.6	0	8	1.8	0.5 to 2	0	NA	None- results consistent with background and below lowest criteria	0	Alpha Spec.
Beta/ Gamma	8	212	400	0	8	97	1.6 to 52	0	8	212	210 to 242	0	NA	None- results consistent with background and below lowest criteria	0	Other Target Isotopes

**PAOC-7- STUCCO WALL**

	Sft./Count	100% Scan			Fixed-Point Removable Activity (Smears)					Fixed-Point Total Activity				Sample Selection Criteria		
Area- PAOC-7 Stucco Wall	80	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
Grid Cell/Fixed-Points	2													Total Sample Locations	2	
Alpha	2	5.3	4	0	2	8.3	-0.6	0	2	5.3	2.5 to 3	0	NA	One (1) highest location (3 cpm) for analytical confirmation	1	Alpha Spec.
Beta/ Gamma	2	346	300	0	2	97	5 to 7	0	2	346	268 to 272	0	NA	One (1) location- highest value (272) for analytical confirmation	1	Other Target Isotopes