

TABLE 3-4
PAOC-4 SUMMARY OF SURVEY RESULTS SAMPLE SELECTION CRITERIA

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PAOC-4- 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 > DCGL (cpm)	Rationale for Volumetric Sampling	Count No. of Samples	Analysis
Area- PAOC-4 Concrete Floor	210															
Grid Cell/Fixed-Points	6													Total Sample Locations	2	
Alpha	6	29	24-32	0	6	9.7	-1.0 to 0.3	0	6	3.3	1.5 to 6	1	6	One (1) location (6.0 cpm) > 4.9 lowest criteria	1	Alpha Spec.
Beta/ Gamma	6	2,411	2,100-2,500	0	6	9	-14 to 55.1	0	6	380	341 to 400	0	NA	One location- highest value (400)	1	Other Target Isotopes

PAOC-4- VINYL CEILING INSULATION (Horizontal Ceiling)

	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 > DCGL (cpm)	Rationale for Volumetric Sampling	Count No. of Samples	Analysis
Area- PAOC-4 Vinyl Ceiling Insulation	210															
Grid Cell/Fixed-Points	6													Total Sample Locations	4	
Alpha	6	2.2	1 to 4	0	6	9.7	-1.3 to 1.9	0	6	2.2	2.0 to 5.5	4 of 6	4.5 to 5.5	Sample 4 locations > lowest threshold (3.8)	4	Alpha Spec.
Beta/ Gamma	6	225	220 to 250	0	6	9	-51.9 to 17.6	0	6	225	230 to 234	0	NA	None- results consistent with background and well below lowest threshold (1,000)	0	N/A

TABLE 3-4
PAOC-4 SUMMARY OF SURVEY RESULTS SAMPLE SELECTION CRITERIA

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PAOC-4- METAL CEILING SUPPORTS (Vertical Ceiling)

	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 > DCGL (cpm)	Rationale for Volumetric Sampling	Count No. of Samples	Analysis
Area- PAOC-4 Metal Ceiling Support Structures	210 (+/-)															
Grid Cell/Fixed-Points	24													Total Sample Locations	0	
Alpha	24	1.8	1 to 4	1 at 4	24	9.7	-1.0 to 2.3	0	24	1.8	1 to 3	0	NA	None- results consistent with background and below lowest criteria	0	Alpha Spec.
Beta/ Gamma	24	212	220 to 250	0	24	9	-30.5 to 65.8	0	24	212	190 to 228	0	NA	None- results consistent with background and below lowest criteria	0	Other Target Isotopes

PAOC-4- 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 > DCGL (cpm)	Rationale for Volumetric Sampling	Count No. of Samples	Analysis
Area- PAOC-4 Metal Wall	343															
Grid Cell/Fixed-Points	7													Total Sample Locations	0	
Alpha	7	1.8	1 to 2	0	7	9.7	-1.3 to 0.3	0	7	1.8	0 to 2.5	0	NA	None- results consistent with background and below lowest criteria	0	Alpha Spec.
Beta/ Gamma	7	212	210 to 240	0	7	9	-38.5 to 41.7	0	7	212	206 to 228	0	NA	None- results consistent with background and below lowest criteria	0	Other Target Isotopes

PAOC-4- 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 > DCGL (cpm)	Rationale for Volumetric Sampling	Count No. of Samples	Analysis
Area- PAOC-4 Stucco Wall	147															
Grid Cell/Fixed-Points	3													Total Sample Locations	2	
Alpha	3	5.3	2	0	3	9.7	-1.3 to 1.9	0	3	5.3	All three at 2.5	0	NA	Results below background and lowest criteria- but will confirm for alpha since surface is painted.	2	Alpha Spec.
Beta/ Gamma	3	346	300 to 310	0	3	9	17.6 to 60.4	0	3	346	303 to 325	0	NA	None- results below background and lowest criteria	0	Other Target Isotopes

