

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

Page 140 of 1385

PAOC-3- TILE FLOOR

	Sft. / Count	100% Scan			Fixed-Point Removable Activity (Smears)					Fixed-Point Total Activity				Sample Selection Criteria		
Area-PAOC-3 Floor Tile	4,392	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 4.3 cpm/ Beta 960 cpm)	RESULT RANGE > CSV (cpm)	Rationale for Volumetric Sampling	Count No. of Samples	Analysis
Grid Cell/Fixed-Points	90													Total Sample Locations	4	
Alpha	90	21	18-22	0	90	8.3 to 9.7	-1.3 to 5.8	0	90	2.7	0 to 4.5	3	4.5	Three locations > 4.3 lowest criteria	3	Alpha Spec.
Beta/Gamma	90	1,997	1,800	0	90	95	39 to 56	0	90	297	246 to 307	0	NA	One location- highest value (307)	1	Other Target Isotopes

PAOC-3- SHEETROCK WALLS

	Sft. / Count	100% Scan			Fixed-Point Removable Activity (Smears)					Fixed-Point Total Activity				Sample Selection Criteria		
Area-PAOC-3 Sheetrock Wall	3,843	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
Grid Cell/Fixed-Points	89													Total Sample Locations	8	
Alpha	89	2.2	2 to 8	20 of 89 (all 5-8 cpm)	89	8.3 to 9.7	-1.3 to 5.5	0	89	2.2	0 to 5.5	15	4 to 5.5	Sample 3 of 20 locations > 2X's BKGD on Scan at 5-8 cpm & 5 Highest FP Locations (4-5.5 cpm) that exceed 3.8 lowest criteria	8	Alpha Spec.
Beta/Gamma	89	258	250 to 400	0	89	94 to 97	-80 to 58	0	89	258	204 to 396	0	NA	None- results below background and lowest criteria	0	Other Target Isotopes

TABLE 3-3
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Page 141 of 1385

PAOC-3- PAINTED BLOCK WALL

	Sft./ Count	100% Scan			Fixed-Point Removable Activity (Smears)					Fixed-Point Total Activity				Sample Selection Criteria		
Area- PAOC-3 Sheetrock Wall		BKGD RANGE (cpm)	RESULT MAX RANGE (Gross cpm)	Count No. of MAX > 2Xs BKGD		MDA (dpm/ 100cm2)	RESULT RANGE (dpm/ 100cm2)	Count >MDA or Lowest DCGL dpm/100cm2 (Alpha - 14 or Beta - 4,670)		AVG. BKGD (cpm)	RESULT RANGE (Gross cpm)	Count No. > CSV (Alpha 6.4 cpm/ Beta 960 cpm)	RESULT RANGE > CSV (cpm)	Rationale for Volumetric Sampling	Count No. of Samples	Analysis
	735				count				count							
Grid Cell/Fixed- Points	15													Total Sample Locations	2	
Alpha	15	4.8	2 to 8	0	15	8.3 to 9.1	0.2 to 0.3	0	15	4.8	0.5 to 5.0	0	NA	Sample one/highest location (8 cpm) > BKGD on Scan and one/highest at 5.0 cpm total FP activity < 6.4 criteria, but painted	2	Alpha Spec.
Beta/ Gamma	15	399	340 to 400	0	15	94 to 97	34 to 59	0	15	399	321 to 428	0	NA	None- results below background and lowest criteria	0	Other Target Isotopes

PAOC-3- CONCRETE

	Sft./ Count	100% Scan			Fixed-Point Removable Activity (Smears)					Fixed-Point Total Activity				Sample Selection Criteria		
Area- PAOC-3 Sheetrock Wall		BKGD RANGE (cpm)	RESULT MAX RANGE (Gross cpm)	Count No. of MAX > 2Xs BKGD		MDA (dpm/ 100cm2)	RESULT RANGE (dpm/ 100cm2)	Count >MDA or Lowest DCGL dpm/100cm2 (Alpha - 14 or Beta - 4,670)		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
	245				count				count							
Grid Cell/Fixed- Points	5													Total Sample Locations	2	
Alpha	5	3.3	3 to 6	0	5	8.3 to 9.1	-0.6 to -1.0	0	5	3.3	1.0 to 6.5	2	6.5	Sample two locations at 6.5 cpm > 4.9 (lowest alpha criteria)	2	Alpha Spec.
Beta/ Gamma	5	380	260 to 350	0	5	94 to 97	1 to 60	0	5	258	255 to 298	0	NA	None- results below background and lowest criteria	0	Other Target Isotopes

TABLE 3-3
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Page 142 of 1385

PAOC-3- CERAMIC TILE

	Sft. / Count	100% Scan			Fixed-Point Removable Activity (Smears)					Fixed-Point Total Activity				Sample Selection Criteria		
Area- PAOC-3 Ceramic Tile	343	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 15.2 cpm/ Beta 960 cpm)	RESULT RANGE > DCGL (cpm)	Rationale for Volumetric Sampling	Count Samples	Analysis
Grid Cell/Fixed- Points	7													Total Sample Locations	0	
Alpha	7	13.4	10 to 16	0	7	8.3	-0.6 to 2.6	0	7	13.4	9 to 15	0	NA	None activity at background and < 15.2 (lowest alpha criteria)	0	Alpha Spec.
Beta/ Gamma	7	470	1,000	0	7	97	-59 to 0	0	7	470	425 to 514	0	NA	None- results below background and lowest criteria	0	Other Target Isotopes