TABLE 3-1
PAOC-1 SUMMARY OF SURVEY RESULTS SAMPLE SELECTION CRITERIA

PAOC-1- TILE FLOOR

Area- PAOC-1	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 > BKGD	count	MDA (dpm/100cm2)	RESULT RANGE (dpm/100cm2)	Count No. >MDA or Lowest DCGL dpm/100cm2 (Alpha - 14 or Beta- 4,670)	count	AVG. BKGD (cpm)	RESULT RANGE (Gross cpm)	Count No. > CSV (Alpha 3.6 to 4.8 cpm/Beta 960 cpm)	RESULT RANGE > CSV (cpm)	Rationale for Volumetric Sampling	Count No. of Samples	Analysis
Area- PAOC-1 Floor Tile	2,698															
Grid Cell/Fixed-Points	56													Total Sample Locations	6	
Alpha	56	19 to 23	14 to 18	0	56	13.1	-0.3 to 2.9	0	56	2 to 3.3	0.5 to 7	11 of 56	4 to 7	Sample 5 highest of 11 locations (5 to 7 cpm) for Analysis by Alpha Spec	5	Alpha Spec.
Beta/ Gamma	56	1,730 to 1,985	1,600 to 1,780	0	56	139.9	-87 to 62	0	56	291 to 302	225 to 302	0	NA	Analyze Tile Sample at highest location of Beta (302 cpm) for non-alpha Target Isotopes	1	Other Target Isotopes

PAOC-1- SHEETROCK WALLS

Area- PAOC-1	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 No. >MDA or Lowest DCGL dpm/100cm2 (Alpha - 14 or Beta- 4,670)	count	AVG. BKGD (cpm)	RESULT RANGE (Gross cpm)	Count No. > CSV (Alpha 3.6 to 4.8 cpm/Beta 960 cpm)	RESULT RANGE > CSV (cpm)	Rationale for Volumetric Sampling	Count No. of Samples	Analysis
Area- PAOC-1 Sheetrock Wall	4,109															
Grid Cell/Fixed-Points	90													Total Sample Locations	6	
Alpha	90	1.7 to 3.3	1 to 6	4 (5 to 6 cpm)	90	8 to 13	-1.3 to 5.2	0	90	1.7 to 3.3	1 to 6	23 of 90	3.5 to 6	Sample 5 highest of 23 locations (5 cpm) for Analysis by Alpha Spec	5	Alpha Spec.
Beta/ Gamma	90	242 to 380	207 to 300	0	90	95 to 140	-71 to 75	0	90	242 to 380	186 to 272	0	NA	Analyze Tile Sample at highest location of beta (272 cpm) for non-alpha Target Isotopes	1	Other Target Isotopes

PAOC-1- CONCRETE

Area- PAOC-1	Sft./Count	100% Scan			Fixed-Point Removable Activity (Smears)					Fixed-Point Total Activity				Sample Selection Criteria		
		BKGD AVG (cpm)	RESULT MAX RANGE (Gross cpm)	Count No. of MAX > 2Xs BKGD	count	MDA (dpm/100cm2)	RESULT RANGE (dpm/100cm2)	Count No. >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-1 Concrete Column	5															
Grid Cell/Fixed-Points	5													Total Sample Locations	3	
Alpha	5	3.3	2 to 6	1 (6 cpm)	5	8.3	0 to 0.5	0	5	3.3	0.5 to 6	1 of 5	6	Sample one location > 2X's BKGD on Scan and one location > DCGL (each at 6 cpm) for Analysis by Alpha Spec	2	Alpha Spec.
Beta/ Gamma	5	381	260 to 300	0	5	341	-43 to 310	0	5	242 to 380	204 to 294	0	0	Analyze one (1) sample of concrete for other target isotopes from location with highest beta activity (294 cpm)	1	Other Target Isotopes

TABLE 3-1
PAOC-1 SUMMARY OF SURVEY RESULTS SAMPLE SELECTION CRITERIA

PAOC-1- BUILDING STRUCTURES- METAL (SINK, DRAIN, EYE WASH, HOOD)

Area- PAOC-1 Metal Structures	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 No. >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	7													**Total Sample Locations**	**0**	
Alpha	7	1.7 to 2.2	0 to 5	1 (5 cpm)	7	8.3 to 13.1	0 to 1	0	5	1.7 to 2.2	0.5 to 3	0	0	No samples - removable and FP activity < lowest DCGL. Metal is non-porus and inappropriate for volumetric sampling and analysis	0	none
Beta/ Gamma	7	212 to 258	210 to 280	0	7	98 to 140	-37 to 21	0	5	212 to 258	207 to 251	0	0	No samples - removable and FP activity < lowest DCGL. Metal is non-porus and inappropriate for volumetric sampling and analysis	0	none

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