Table 1.0 Summary of Aroclor, PCB-TEQ and Dioxin/Furan TEQ Analyses for Samples Collected from the Indoor Environment at the Sky Valley Education Center, Monroe, WA (Samples Collected on January 4, 2019 by Environmental Health & Engineering, Inc., Newton, MA)

Field ID#[a]	Transmitted Sample ID#[b]	Analysis	Sample Type	Location	Description	Result[c]	Data Flags[d]	Analyte	Units
Library/Classroom Building									
184824	184824	PCB	Bulk - Dust	Classroom #20	Dust collected from face of filter in unit ventilator	<10	U	Aroclor	µg/g
184827	184827	PCB	Bulk - Dust	Classroom #11	Dust collected from face of filter in unit ventilator	<13	U	Aroclor	µg/g
184829	184829	PCB	Bulk - Dust	Classroom #5	Dust collected from face of filter in unit ventilator	1.9	J	A1254	µg/g
184831	184831	PCB	Wipe	Classroom # 5	Dust on black mastic material in unit ventilator	<0.5	U	Aroclor	µg/100cm^2
184825	187061	D/F	Bulk - Carpet	Classroom # 20	Tan carpet remnant from inside unit ventilator	66.9	J, K	D/F TEQ	ng/Kg
184825	187062	PCB	Bulk - Carpet	Classroom # 20	Tan carpet remnant from inside unit ventilator	12	P(A1248)	A1248 (6.8) A1254 (5.5)	µg/g
184828	187064	PCB	Bulk - Carpet	Classroom #11	Carpet remnant under wall, multi-colored	4.2	J(A1260)	A1254 (3.0) A1260 (1.2)	µg/g
184829	187065	D/F	Bulk - Dust	Classroom #5	Dust collected from face of filter in unit ventilator	200	J, K	D/F TEQ	ng/Kg
184830	187066	PCB	Bulk - Carpet	Classroom #5	Tan carpet remnant from inside unit ventilator	4.9	P(A1248)	A1248 (2.4) A1254 (2.5)	µg/g
184830	187067	D/F	Bulk - Carpet	Classroom #5	Tan carpet remnant from inside unit ventilator	128		D/F TEQ	ng/Kg
184816	187072	PCB	Bulk-Carpet	Classroom #10	tan/beige carpet by outside door	45 105 10.8	 J J,K	A1242 Homologs PCB-TEQ	ug/g ug/g ng/Kg
184816	187073	D/F	Bulk-Carpet	Classroom #10	tan/beige carpet by outside door	17.9	B,J,K,P	D/F TEQ	ng/Kg
184817	187074	PCB	Bulk-Carpet	East Pod, inner core	tan/beige carpet from inner core of pod	1900 435 41.5	 J J,K	A1242 Homologs PCB-TEQ	ug/g ug/g ng/Kg
184817	187075	D/F	Bulk-Carpet	East Pod, inner core	tan/beige carpet from inner core of pod	19.5	B,J,K	D/F TEQ	ng/Kg
184818	187076	PCB	Bulk-Carpet	Classroom #9	tan/beige carpet by inner door	57 149		A1242 PCB-TEQ	ug/g ng/Kg
184818	187077	D/F	Bulk-Carpet	Classroom #9	tan/beige carpet by inner door	49.7	J,K,E	D/F TEQ	ng/Kg

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Field ID#[a]	Transmitted Sample ID#[b]	Analysis	Sample Type	Location	Description	Result[c]	Data Flags[d]	Analyte	Units
184819	187078	PCB	Bulk-Carpet	Classroom #11	tan/beige carpet by outside door	320 80.4		A1242 PCB-TEQ	ug/g ng/Kg
184819	187079	D/F	Bulk-Carpet	Classroom #11	tan/beige carpet by outside door	22.6	J,K,E	D/F TEQ	ng/Kg
184820	187080	PCB	Bulk-Carpet	Classroom #10	tan/beige carpet by desk	32 16.0		A1242 PCB-TEQ	ug/g ng/Kg
184820	187081	D/F	Bulk-Carpet	Classroom #10	tan/beige carpet by desk	19.3	B,J,K	D/F TEQ	ng/Kg
184821	187082	PCB	Bulk-Carpet	Classroom #12	tan/beige carpet by outside door	53 24.5		A1242 PCB-TEQ	ug/g ng/Kg
184821	187083	D/F	Bulk-Carpet	Classroom #12	tan/beige carpet by outside door	24.9	J,K,E	D/F TEQ	ng/Kg
184822	187084	PCB	Bulk-Carpet	Classroom #12	tan/beige carpet by inside door	45 1.55		A1242 PCB-TEQ	ug/g ng/Kg
184822	187085	D/F	Bulk-Carpet	Classroom #12	tan/beige carpet by inside door	14.6	B,J,K,E	D/F TEQ	ng/Kg
184822	187105	D/F	Wipe	Classroom/Library Bldg Rm 12	tan carpet, wipe of surface	0.101	B,J,K	D/F TEQ	pg
184819	187106	D/F	Wipe	Classroom/Library Bldg Rm 11	tan carpet, wipe of surface	0.129	B,J,K	D/F TEQ	pg
184818	187107	D/F	Wipe	Classroom/Library Bldg Rm 9	tan carpet, wipe of surface	0.16	B,J,K	D/F TEQ	pg
184817	187116	PCB	Bulk	Dust/dirt from tan carpet	Field ID 184817	660		A1016	ug/g
184819	187117	PCB	Bulk	Dust/dirt from tan carpet	Field ID 184819	860		A1016	ug/g
184821	187118	PCB	Bulk	Dust/dirt from tan carpet	Field ID 184821	190		A1016	ug/g
184817	187119	PCB	Bulk	Tan carpet sample	Field ID 184817	170		A1016	ug/g
184818	187120	PCB	Bulk	Tan carpet sample	Field ID 184818	180		A1016	ug/g
184819	187121	PCB	Bulk	Tan carpet sample	Field ID 184819	90		A1232	ug/g
184822	187122	PCB	Bulk	Tan carpet sample	Field ID 184822	750		A1232	ug/g
184834	184834	D/F	Wipe	Classroom/Library bldg., common area, East Pod, outside Rm 8 & 12	100 cm2 template on top of file cabinet	4.74	B,J,K	D/F TEQ	pg

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Field ID#[a]	Transmitted Sample ID#[b]	Analysis	Sample Type	Location	Description	Result[c]	Data Flags[d]	Analyte	Units
184824	187060	D/F	Bulk - Dust	Classroom/Library bldg., Rm 20, U.V.	Dust from unit vent. - Field ID 184824	1330	J,K	D/F TEQ	ng/Kg
184827	187063	D/F	Bulk-Dust	Classroom/Library bldg., Rm 11, U.V.	Dust from U.V. filter - Field ID 184827	1330	J,K	D/F TEQ	ng/Kg
184818	185136	D/F	Bulk	Classroom #9	inner door, sand/dirt/dust from carpet	24.4	J,K	D/F TEQ	ng/Kg
184817	185137	D/F	Bulk	East Pod, inner core	sand/dirt/dust from carpet	6.32	J,K	D/F TEQ	ng/Kg
184819	185138	D/F	Bulk	Classroom #11	by outside door, sand/dirt/dust from carpet	28.7	J,K	D/F TEQ	ng/Kg
Annex Building									
184844 & 184845[e]	187056	PCB	Bulk - Dust	Annex Building	Dust from inside cabinet heater in hall outside Room B	24		A1242 (17) A1254 (6.8)	µg/g
184844 & 184845[e]	187057	D/F	Bulk - Dust	Annex Building	Dust from inside cabinet heater in hall outside Room B	523	J, K	D/F TEQ	ng/Kg
184846	187058	PCB	Bulk - Dust	Annex Building	Dust from return/exhaust duct btwn Rms A and C	3.7	J	A1260	µg/g
184846	187059	D/F	Bulk - Dust	Annex Building	Dust from return/exhaust duct btwn Rms A and C	542	J, K	D/F TEQ	ng/Kg
184823	187070	PCB	Bulk-Carpet	Annex Bldg Room D	carpet with ballast oil spill, duct tape covering spill area	140000		A1242	ug/g
184823	185139	PCB	Bulk	Tan/red carpet sample	Field ID 184823	7370		PCB TEQ	ng/Kg
184823	187071	D/F	Bulk-Carpet	Annex Bldg Room D	carpet with ballast oil spill, duct tape covering spill area	693	J,K	D/F TEQ	ng/Kg
184823	187108	D/F	Wipe	Annex Bldg., Room D	tan carpet, wipe of surface	9.92	B,J,K	D/F TEQ	pg
184848	184848	D/F	Wipe	Annex bldg., prep room btwn Rms A & C	Top of wooden cabinet on right - 100cm2 template	0.708	B,J,K	D/F TEQ	pg
Gym Building									
184838	184838	PCB	Wipe	Gym - Boy's Locker Rm	Black, soot-like material on ceiling, near toilet, 2nd strip	<0.31	U	Aroclor	µg/100cm^2
184840	184840	PCB	Wipe	Gym - Girl's Locker Rm	Black, soot-like material on ceiling, near entrance	<0.34	U	Aroclor	µg/100cm^2

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Field ID#[a]	Transmitted Sample ID#[b]	Analysis	Sample Type	Location	Description	Result[c]	Data Flags[d]	Analyte	Units
184835	184835	D/F	Wipe	Gym bldg., boy's locker room, ceiling wipe	Black soot-line residue on ceiling, near toilet (7.25"x3")	0.24	B,J,K	D/F TEQ	pg
184843	184843	D/F	Wipe	Gym bldg., girl's locker room, ceiling wipe	Black soot-like residue on ceiling, middle of room (5-3/8"x3.5")	0.0416	B,J,K	D/F TEQ	pg
Transportation Shed									
184852	184852	PCB	Bulk - Tar	Transportation Building Shed	Black tar-like material from lighting aluminum base plate	180	P(A1248)	A1242 (130) A1248 (49)	µg/g
184852	187069	D/F	Bulk - Tar	Transportation Building Shed	Black tar-like material from lighting aluminum base plate	162	J, K	D/F TEQ	ng/Kg
184849	184849	D/F	Bulk-Tar	Trans. Bldg Shed	Black, solid tar-like material on aluminum base plate	311	J,K	D/F TEQ	ng/Kg
184582	187068	D/F	Bulk-Tar	Trans. Bldg Shed	Black tar-like residue from aluminum base plate - Field ID 184852	295	J,K	D/F TEQ	ng/Kg
QC Samples (Blanks)									
187086	187086	PCB	Media Blank	n.a.	Container blank	<0.5		Aroclor	ug
187087	187087	PCB	Media Blank	n.a.	Small container, black top, blank	<0.5		Aroclor	ug
187088	187088	PCB	Media Blank	n.a.	Large container, white top, blank	<0.5		Aroclor	ug
184817	187097	D/F	Wipe	Wipe of Knife Blade	After cleaning blade with alcohol wipe, cut sample of 184817	0.0369	B,J,K	D/F TEQ	pg
184817	187098	PCB	Wipe	Wipe of Knife Blade	After cleaning blade with alcohol wipe, cut sample of 184817 – method blank	0.52		A1016	ug
184823	187099	D/F	Wipe	Wipe of Knife Blade	After cleaning blade with alcohol wipe, cut sample of 184823	0.0197	B,J,K	D/F TEQ	pg
184823	187100	PCB	Wipe	Wipe of Knife Blade	After cleaning blade with alcohol wipe, cut sample of 184823 – method blank	1.1		A1016	ug
187104	187104	PCB	Wipe	Field Blank	n.a.	<0.5		Aroclor	ug

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Field ID#[a]	Transmitted Sample ID#[b]	Analysis	Sample Type	Location	Description	Result[c]	Data Flags[d]	Analyte	Units
187109	187109	D/F	Wipe	n.a.	field blank	0.308	B,J,K	D/F TEQ	pg
187110	187110	PCB	Wipe	Zefon dust collector nozzle, orange	Lab to wipe nozzle – media blank, used to collect duct samples by vacuum	<0.5		Aroclor	ug
187111	187111	D/F	Wipe	Zefon dust collector nozzle, orange	Lab to wipe nozzle – media blank, used to collect dust samples by vacuum	0.00105	J	D/F TEQ	pg
187112	187112	PCB	Wipe	Empty plastic sample container, U-Line	Clear container, white top, S-14487 1 oz – media blank	<0.5		Aroclor	ug
187113	187113	D/F	Wipe	Empty plastic sample container, U-Line	Clear container, white top, S-14487 1 oz – media blank	0.063	B,J,K	D/F TEQ	pg
187114	187114	PCB	Wipe	Forceps, sterile, Unomedical	In manufacturer's packaging – media blank, used to collect dust from U.V. filters	<0.5		Aroclor	ug
187115	187115	D/F	Wipe	Forceps, sterile, Unomedical	In manufacturer's packaging – media blank, used to collect dust from U.V. filters	0.000588	B,J,K	D/F TEQ	pg
187124	187124	D/F	Wipe	Media Blank - 8 oz glass w/ teflon lined lid	Wipe of interior glass jar, including lid	3.37	J,K,P	D/F TEQ	pg
187125	187125	D/F	Wipe	Media Blank - 8 oz glass w/ teflon lined lid	Wipe of interior glass jar, including lid	0.11	B,J,K	D/F TEQ	pg
187126	187126	D/F	Wipe	Media Blank - 8 oz glass w/ teflon lined lid	Wipe of interior glass jar, including lid	0.114	B,J	D/F TEQ	pg

[a]Number assigned to the sample collected in the field at Sky Valley Education Center
[b]Number assigned to the sample transmitted to the laboratory. In some cases the sample was submitted under the Field ID#, in other cases the sample was split for dioxin/furan analysis and assigned a new number known as the Transmitted Sample ID# in this table.
[c]All samples analyzed for ALS Environmental Laboratories, Houston, TX. Aroclor analysis was conducted using EPA Method 8082 and included Arcolors A1016, A1221, A1232, A1242, A1248, A1254 and A1260. Dioxin/furan analysis was conducted using EPA Method 1613B.

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Field ID#[a]	Transmitted Sample ID#[b]	Analysis	Sample Type	Location	Description	Result[c]	Data Flags[d]	Analyte	Units

[d]Refer to laboratory reports for data qualifiers. A "U" flag indicates that no analytes in the sample were found above the method detection limit. A "J" flag indicates that one or more analytes were detected below the method reporting limit (above the detection limit but below the quantification limit). A "K" flag indicates the concentration for one or more dioxin/furan congeners in the sample are estimates as the ion abundance ratios for the primary and secondary ions are outside theoretical acceptance limits. A "P" flag indicates that one or more analytes had dual column results that differed by more than 40%.

[e]Two dust samples were collected from the same surface and composited for analysis to insure an adequate amount sample for the laboratory.

cm^2 square centimeter
D/F dioxin/furan
g gram
kg kilogram, or 1,000 grams
ng nanogram, or $1x10^{-9}$ grams
TEF Toxic Equivalent Factor
TEQ Toxic Equivalency, calculated by the laboratory based on measured levels of target dioxin/furan congeners and applying the TEFs from WHO (2005)
µg micrograms, or $1x10^{-6}$ grams
ng/kg nanograms of analyte per kilogram of sample, or parts per trillion (ppt)
µg/g micrograms of analyte per gram of sample, or parts per million (ppm)
WHO World Health Organization
"<" less than the method detection limit (MDL)