

Table A2. Parameters Included in Database*Lower Columbia River Estuary Contaminant Data Compilation and Synthesis Project*

AnalyteGroup	Analyte	CASNumber
Pesticides	Tribenuron methyl	101200-48-0
Pesticides	Fenuron	101-42-8
Flame_Retardants	PBDE003	101-55-3
Pesticides	DDMU	1022-22-6
Pesticides	Heptachlor Epoxide	1024-57-3
Pesticides	Endosulfan Sulfate	1031-07-8
Pesticides	Glyphosate	1071-83-6
Pesticides	(E)-Dimethomorph	110488-70-5-E
Pesticides	(Z)-Dimethomorph	110488-70-5-Z
PCB_Aroclors	Aroclor 1260	11096-82-5
PCB_Aroclors	Aroclor 1254	11097-69-1
PCB_Aroclors	Aroclor 1268	11100-14-4
PCB_Aroclors	Aroclor 1221	11104-28-2
PCB_Aroclors	Aroclor 1232	11141-16-5
Pesticides	Pebulate	1114-71-2
Pesticides	Nicosulfuron	111991-09-4
Pesticides	Cycloate	1134-23-2
Pesticides	Propoxur	114-26-1
PAHs	Naphthalene-D8	1146-65-2
Pesticides	Endosulfan	115-29-7
Pesticides	Dicofol	115-32-2
Pesticides	Fensulfothion	115-90-2
Pesticides	Aldicarb	116-06-3
Flame_Retardants	PBDE209	1163-19-5
PAHs	Bis(2-ethylhexyl) phthalate (BEHP)	117-81-7
Flame_Retardants	PBDE207	119264-62-9
Flame_Retardants	PBDE208	119264-63-0
Pesticides	2,6-Dichlorobenzonitrile	1194-65-6
Pesticides	Fipronil	120068-37-3
PAHs	Anthracene	120-12-7
Pesticides	Dichlorprop	120-36-5
Pesticides	Malathion	121-75-5
Pesticides	Simazine	122-34-9
Pesticides	Propham	122-42-9
Conventionals	pH	12408-02-5
Conventionals	pH, field	12408-02-5F
Conventionals	Final Field Sediment pH	12408-02-5FFS
Conventionals	Initial Field Sediment pH	12408-02-5IFS
Conventionals	pH, mean	12408-02-5M
Conventionals	Surface pH	12408-02-5S
PCB_Aroclors	Aroclor 1248	12672-29-6
PCB_Aroclors	Aroclor 1016	12674-11-2
PCB_Aroclors	PCB, Sum of Aroclors	12767-79-2
Pesticides	Chlordane (technical)	12789-03-6
PAHs	Pyrene	129-00-0

Table A2. Parameters Included in Database*Lower Columbia River Estuary Contaminant Data Compilation and Synthesis Project*

PCB_Congeners	PCB004	13029-08-8
PAHs	Total PAHs	130498-29-2
Pesticides	Terbufos	13071-79-9
Pesticides	Terbufos oxygen analog sulfone	13071-79-9-02
Pesticides	Ethoprop	13194-48-4
PAHs	Dibenzothiophene	132-65-0
PCB_Congeners	Total PCB Congeners	1336-36-3
Flame_Retardants	Tris(1,3-dichloroisopropyl) phosphate	13674-87-8
Pesticides	Imidacloprid	138261-41-3
Pesticides	3-Phenoxybenzyl alcohol	13826-35-2
Pesticides	Dicrotophos	141-66-2
Conventionals	Phosphate (Orthophosphate)	14265-44-2
Flame_Retardants	PBDE017	147217-75-2
Flame_Retardants	PBDE025	147217-77-4
Flame_Retardants	PBDE035	147217-80-9
Conventionals	Nitrate	14797-55-8
Conventionals	Perchlorate	14797-73-0
Conventionals	Sulfate	14808-79-8
Pesticides	Thiabendazole	148-79-8
PAHs	Acenaphthene-D10	15067-26-2
PAHs	Phenanthrene-D10	1517-22-2
PAHs	Perylene-D12	1520-96-3
Pesticides	Napropamide	15299-99-7
Metals	Iron, Ferrous	15438-31-0
Pesticides	Carbofuran	1563-66-2
Pesticides	Trifluralin	1582-09-8
PCB_Congeners	PCB029	15862-07-4
PCB_Congeners	PCB054	15968-05-5
Pesticides	Alachlor	15972-60-8
Pesticides	Prometon	1610-18-0
Pesticides	Malaoxon	1634-78-2
Pesticides	Aldicarb sulfoxide	1646-87-3
Pesticides	Aldicarb sulfone	1646-88-4
PCB_Congeners	PCB005	16605-91-7
PCB_Congeners	PCB031	16606-02-3
Pesticides	3-Hydroxycarbofuran	16655-82-6
Pesticides	Methomyl	16752-77-5
Pesticides	Bromoxynil	1689-84-5
Conventionals	Fluoride	16984-48-8
Pesticides	Clopyralid	1702-17-6
PAHs	Pyrene-D10	1718-52-1
PAHs	Benzo(a)anthracene-D12	1718-53-2
PAHs	Chrysene-D12	1719-03-5
PAHs	Anthracene-D10	1719-06-8
Flame_Retardants	PBDE007	171977-44-9
Pesticides	Ethion monoxon	17356-42-2

Table A2. Parameters Included in Database*Lower Columbia River Estuary Contaminant Data Compilation and Synthesis Project*

Metals	Arsenic Pentavalent	17428-41-0
Flame_Retardants	Dibutyl chlorendate	1770-80-5
Pesticides	Benomyl	17804-35-2
Flame_Retardants	PBDE085	182346-21-0
Pesticides	Pentachloroanisole	1825-21-4
PCB_Congeners	PCB116	18259-05-7
Flame_Retardants	PBDE138	182677-30-1
Conventionals	Sulfide	18496-25-8
Metals	Chromium Hexavalent	18540-29-9
Pesticides	Benfluralin	1861-40-1
Flame_Retardants	PBDE012	189084-59-1
Flame_Retardants	PBDE066	189084-61-5
Flame_Retardants	PBDE071	189084-62-6
Flame_Retardants	PBDE100	189084-64-8
Flame_Retardants	PBDE181	189084-67-1
Flame_Retardants	PBDE190	189084-68-2
Pesticides	Chlorothalonil	1897-45-6
Pesticides	Oryzalin	19044-88-3
Pesticides	Atrazine	1912-24-9
PAHs	Benzo(g,h,i)perylene	191-24-2
PAHs	Anthanthrene	191-26-4
Pesticides	Dicamba	1918-00-9
Pesticides	Picloram	1918-02-1
Pesticides	Propachlor	1918-16-7
PAHs	Indeno(1,2,3-cd)pyrene	193-39-5
Pesticides	2-(4-tert-Butylphenoxy)cyclohexanol	1942-71-8
Pesticides	Siduron	1982-49-6
Pesticides	Butylate	2008-41-5
Pesticides	Methiocarb	2032-65-7
PAHs	Indeno(1,2,3-cd)pyrene-D12	203578-33-0
Flame_Retardants	PBDE015	2050-47-7
PCB_Congeners	PCB011	2050-67-1
PCB_Congeners	PCB015	2050-68-2
PCB_Congeners	PCB209 (Decachlorobiphenyl)	2051-24-3
PCB_Congeners	PCB001	2051-60-7
PCB_Congeners	PCB002	2051-61-8
PCB_Congeners	PCB003	2051-62-9
PAHs	Benzo(e)pyrene-d12	205440-82-0
PAHs	Benzo(b)fluoranthene	205-99-2
PAHs	Fluoranthene	206-44-0
PAHs	Benzo(k)fluoranthene	207-08-9
Flame_Retardants	PBDE154	207122-15-4
Flame_Retardants	PBDE183	207122-16-5
PAHs	Acenaphthylene	208-96-8
Pesticides	EPN	2104-64-5
Pesticides	Metribuzin	21087-64-9

Table A2. Parameters Included in Database*Lower Columbia River Estuary Contaminant Data Compilation and Synthesis Project*

PCB_Congeners	PCB202	2136-99-4
Pesticides	Cyanazine	21725-46-2
PAHs	Chrysene	218-01-9
Pesticides	Molinate	2212-67-1
Pesticides	Fenamiphos	22224-92-6
Pesticides	Tetrachlorvinphos	22248-79-9
PAHs	2,3,5-Trimethylnaphthalene	2245-38-7
Metals	Arsenic Trivalent	22541-54-4
Pesticides	Bendiocarb	22781-23-3
Pesticides	Miconazole	22916-47-8
Metals	Methyl Mercury	22967-92-6
Pesticides	Triallate	2303-17-5
Pesticides	Propargite	2312-35-8
Pesticides	Oxamyl	23135-22-0
Pesticides	Mirex	2385-85-5
Pesticides	Propyzamide	23950-58-5
PCB_Congeners	PCB047	2437-79-8
Flame_Retardants	PBDE140	243982-83-4
Pesticides	2-Ethyl-6-methylaniline	24549-06-2
Pesticides	Disulfoton sulfone	2497-06-5
Pesticides	Disulfoton sulfoxide	2497-07-6
Pesticides	Bentazon	25057-89-0
Pesticides	Isofenphos	25311-71-1
PAHs	2-Methylphenanthrene	2531-84-2
PCB_Homologs	Total Trichloro Biphenyls	25323-68-6
PCB_Homologs	Total Pentachloro Biphenyls	25429-29-2
PCB_Homologs	Total Dichloro Biphenyls	25512-42-9
PCB_Congeners	PCB006	25569-80-6
PCB_Homologs	Total Hexachloro Biphenyls	26601-64-9
PCB_Homologs	Total Tetrachloro Biphenyls	26914-33-0
Pesticides	oxy-Chlordane	27304-13-8
Pesticides	Norflurazon	27314-13-2
PCB_Homologs	Total Monochloro Biphenyls	27323-18-8
PAHs	Azulene	275-51-4
Pesticides	Thiobencarb	28249-77-6
PCB_Homologs	Total Heptachloro Biphenyls	28655-71-2
Pesticides	Octachlorostyrene	29082-74-4
PCB_Congeners	PCB013	2974-90-5
PCB_Congeners	PCB012	2974-92-7
Pesticides	Methyl Parathion	298-00-0
Pesticides	Phorate	298-02-2
Pesticides	Phorate oxygen analog	298-02-2-O2
Pesticides	Disulfoton	298-04-4
Pesticides	Ronnel	299-84-3
Pesticides	2-Amino-N-isopropylbenzamide	30391-89-0
Pesticides	Aldrin	309-00-2

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Pesticides	Paraoxon	311-45-5
Pesticides	Propetamphos	31218-83-4
Pesticides	Bromacil	314-40-9
PCB_Congeners	PCB118	31508-00-6
Pesticides	alpha-Hexachlorocyclohexane	319-84-6
Pesticides	beta-Hexachlorocyclohexane	319-85-7
Pesticides	delta-Hexachlorocyclohexane	319-86-8
PCB_Congeners	PCB066	32598-10-0
PCB_Congeners	PCB070	32598-11-1
PCB_Congeners	PCB075	32598-12-2
PCB_Congeners	PCB077	32598-13-3
PCB_Congeners	PCB105	32598-14-4
PCB_Congeners	PCB074	32690-93-0
PCB_Congeners	PCB169	32774-16-6
Pesticides	Trichloronate	327-98-0
PCB_Congeners	PCB060	33025-41-1
Pesticides	Diuron	330-54-1
Pesticides	Linuron	330-55-2
PCB_Congeners	PCB197	33091-17-7
PCB_Congeners	PCB010	33146-45-1
Pesticides	beta-Endosulfan	33213-65-9
PCB_Congeners	PCB007	33284-50-3
PCB_Congeners	PCB080	33284-52-5
PCB_Congeners	PCB061	33284-53-6
PCB_Congeners	PCB065	33284-54-7
Pesticides	Endosulfan Ether	3369-52-6
Pesticides	Temephos	3383-96-8
PCB_Congeners	PCB155	33979-03-2
Pesticides	Tebuthiuron	34014-18-1
Pesticides	2,4'-DDE	3424-82-6
Pesticides	Acetochlor	34256-82-1
Pesticides	Prothiofos	34643-46-4
PCB_Congeners	PCB009	34883-39-1
PCB_Congeners	PCB014	34883-41-5
PCB_Congeners	PCB008	34883-43-7
PCB_Congeners	PCB153	35065-27-1
PCB_Congeners	PCB138	35065-28-2
PCB_Congeners	PCB180	35065-29-3
PCB_Congeners	PCB170	35065-30-6
PAHs	2,6-Dimethylnaphthalene-D12	350820-12-1
Pesticides	Sulprofos	35400-43-2
PCB_Congeners	PCB030	35693-92-6
PCB_Congeners	PCB052	35693-99-3
PCB_Congeners	PCB133	35694-04-3
PCB_Congeners	PCB137	35694-06-5
PCB_Congeners	PCB194	35694-08-7

Table A2. Parameters Included in Database*Lower Columbia River Estuary Contaminant Data Compilation and Synthesis Project*

PCB_Congeners	PCB042	36559-22-5
Flame_Retardants	PBDE126	366791-32-4
Pesticides	Iprodione	36734-19-7
Pesticides	Sulfotepp	3689-24-5
PCB_Aroclors	Aroclor 1262	37324-23-5
Flame_Retardants	PBDE105	373594-78-6
PCB_Congeners	PCB018	37680-65-2
PCB_Congeners	PCB017	37680-66-3
PCB_Congeners	PCB034	37680-68-5
PCB_Congeners	PCB035	37680-69-6
PCB_Congeners	PCB101	37680-73-2
PAHs	1-Methylnaphthalene-D10	38072-94-5
PCB_Congeners	PCB095	38379-99-6
PCB_Congeners	PCB099	38380-01-7
PCB_Congeners	PCB087	38380-02-8
PCB_Congeners	PCB110	38380-03-9
PCB_Congeners	PCB149	38380-04-0
PCB_Congeners	PCB132	38380-05-1
PCB_Congeners	PCB128	38380-07-3
PCB_Congeners	PCB156	38380-08-4
PCB_Congeners	PCB136	38411-22-2
PCB_Congeners	PCB174	38411-25-5
Flame_Retardants	PBDE116	38421-62-4
PCB_Congeners	PCB019	38444-73-4
PCB_Congeners	PCB027	38444-76-7
PCB_Congeners	PCB032	38444-77-8
PCB_Congeners	PCB016	38444-78-9
PCB_Congeners	PCB026	38444-81-4
PCB_Congeners	PCB020	38444-84-7
PCB_Congeners	PCB022	38444-85-8
PCB_Congeners	PCB033	38444-86-9
PCB_Congeners	PCB036	38444-87-0
PCB_Congeners	PCB039	38444-88-1
PCB_Congeners	PCB037	38444-90-5
PCB_Congeners	PCB040	38444-93-8
Pesticides	Chloropyrifos	39475-55-3
PCB_Congeners	PCB100	39485-83-1
PCB_Congeners	PCB189	39635-31-9
PCB_Congeners	PCB111	39635-32-0
PCB_Congeners	PCB127	39635-33-1
PCB_Congeners	PCB162	39635-34-2
PCB_Congeners	PCB159	39635-35-3
Pesticides	trans-Nonachlor	39765-80-5
Flame_Retardants	PBDE077	40088-47-9
PCB_Congeners	PCB175	40186-70-7
PCB_Congeners	PCB201	40186-71-8

Table A2. Parameters Included in Database*Lower Columbia River Estuary Contaminant Data Compilation and Synthesis Project*

PCB_Congeners	PCB206	40186-72-9
Pesticides	Pendimethalin	40487-42-1
Pesticides	Profenofos	41198-08-7
Flame_Retardants	PBDE028	41318-75-6
PCB_Congeners	PCB142	41411-61-4
PCB_Congeners	PCB160	41411-62-5
PCB_Congeners	PCB166	41411-63-6
PCB_Congeners	PCB190	41411-64-7
PCB_Congeners	PCB044	41464-39-5
PCB_Congeners	PCB049	41464-40-8
PCB_Congeners	PCB053	41464-41-9
PCB_Congeners	PCB072	41464-42-0
PCB_Congeners	PCB056	41464-43-1
PCB_Congeners	PCB071	41464-46-4
PCB_Congeners	PCB046	41464-47-5
PCB_Congeners	PCB079	41464-48-6
PCB_Congeners	PCB058	41464-49-7
PCB_Congeners	PCB097	41464-51-1
PCB_Congeners	PCB196	42740-50-1
Pesticides	Oxyfluorfen	42874-03-3
PAHs	Retene	483-65-8
Pesticides	4,4'-DDT	50-29-3
PAHs	Benzo(a)pyrene	50-32-8
Pesticides	cis-Chlordane	5103-71-9
Pesticides	cis-Nonachlor	5103-73-1
Pesticides	trans-Chlordane	5103-74-2
Pesticides	Metolachlor	51218-45-2
Pesticides	Hexazinone	51235-04-2
PCB_Congeners	PCB146	51908-16-8
Pesticides	Cypermethrin	52315-07-8
Pesticides	Permethrin	52645-53-1
PCB_Congeners	PCB064	52663-58-8
PCB_Congeners	PCB041	52663-59-9
PCB_Congeners	PCB084	52663-60-2
PCB_Congeners	PCB092	52663-61-3
PCB_Congeners	PCB082	52663-62-4
PCB_Congeners	PCB151	52663-63-5
PCB_Congeners	PCB179	52663-64-6
PCB_Congeners	PCB176	52663-65-7
PCB_Congeners	PCB130	52663-66-8
PCB_Congeners	PCB178	52663-67-9
PCB_Congeners	PCB187	52663-68-0
PCB_Congeners	PCB183	52663-69-1
PCB_Congeners	PCB177	52663-70-4
PCB_Congeners	PCB171	52663-71-5
PCB_Congeners	PCB167	52663-72-6

Table A2. Parameters Included in Database*Lower Columbia River Estuary Contaminant Data Compilation and Synthesis Project*

PCB_Congeners	PCB200	52663-73-7
PCB_Congeners	PCB172	52663-74-8
PCB_Congeners	PCB199	52663-75-9
PCB_Congeners	PCB203	52663-76-0
PCB_Congeners	PCB208	52663-77-1
PCB_Congeners	PCB195	52663-78-2
PCB_Congeners	PCB207	52663-79-3
PCB_Congeners	PCB134	52704-70-8
PCB_Congeners	PCB141	52712-04-6
PCB_Congeners	PCB185	52712-05-7
PCB_Congeners	PCB135	52744-13-5
Pesticides	2,4'-DDD	53-19-0
PCB_Aroclors	Aroclor 1242	53469-21-9
Pesticides	Endrin Ketone	53494-70-5
PCB_Congeners	PCB038	53555-66-1
PAHs	Dibenzo(a,h)anthracene	53-70-3
PCB_Homologs	Total Nonachloro Biphenyls	53742-07-7
PCB_Congeners	PCB062	54230-22-7
Flame_Retardants	PBDE047	5436-43-1
Pesticides	cis-Permethrin	54774-45-7
PCB_Congeners	PCB088	55215-17-3
PCB_Congeners	PCB129	55215-18-4
Pesticides	Ethalfuralin	55283-68-6
PCB_Congeners	PCB086	55312-69-1
Pesticides	Triclopyr	55335-06-3
Pesticides	Neburon	555-37-3
PCB_Congeners	PCB024	55702-45-9
PCB_Congeners	PCB021	55702-46-0
PCB_Congeners	PCB025	55712-37-3
PCB_Congeners	PCB023	55720-44-0
PCB_Homologs	Total Octachloro Biphenyls	55722-26-4
PCB_Congeners	PCB139	56030-56-9
Pesticides	Ethion	563-12-2
Pesticides	Parathion	56-38-2
PAHs	Benzo(a)anthracene	56-55-3
PCB_Congeners	PCB104	56558-16-8
PCB_Congeners	PCB119	56558-17-9
PCB_Congeners	PCB121	56558-18-0
Pesticides	Coumaphos	56-72-4
PAHs	Benzofluoranthenes	56832-73-6
Conventionals	Cyanide	57-12-5
Flame_Retardants	PBDE013	57186-90-0
PCB_Congeners	PCB126	57465-28-8
Pesticides	Chlordane	57-74-9
Pesticides	Metalaxyl	57837-19-1
Pesticides	2,6-Diethylaniline	579-66-8

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Pesticides	gamma-Hexachlorocyclohexane	58-89-9
Pesticides	Terbacil	5902-51-2
Flame_Retardants	PBDE010	59080-32-9
Flame_Retardants	PBDE030	59080-33-0
Pesticides	Terbuthylazine	5915-41-3
Flame_Retardants	PBDE155	59261-08-4
PCB_Congeners	PCB140	59291-64-4
PCB_Congeners	PCB168	59291-65-5
Flame_Retardants	PBDE049	60044-24-8
PCB_Congeners	PCB083	60145-20-2
PCB_Congeners	PCB103	60145-21-3
PCB_Congeners	PCB154	60145-22-4
PCB_Congeners	PCB182	60145-23-5
Pesticides	Propiconazole	60207-90-1
PCB_Congeners	PCB069	60233-24-1
PCB_Congeners	PCB098	60233-25-2
Flame_Retardants	PBDE099	60348-60-9
Pesticides	Dieldrin	60-57-1
PCB_Congeners	PCB131	61798-70-7
Pesticides	Acifluorfen	62476-59-9
Pesticides	3,5-Dichloroaniline	626-43-7
PCB_Congeners	PCB050	62796-65-0
Pesticides	Flumetralin	62924-70-3
Pesticides	Carbaryl	63-25-2
PAHs	Benzo(a)pyrene-D12	63466-71-7
Flame_Retardants	PBDE206	63936-56-1
Flame_Retardants	PBDE075	64258-02-2
Flame_Retardants	PBDE032	64258-03-3
PCB_Congeners	PCB123	65510-44-3
PCB_Congeners	PCB085	65510-45-4
Pesticides	Diazinon	65863-03-8
Pesticides	Esfenvalerate	66230-04-4
Flame_Retardants	PBDE037	6683-35-8
PCB_Congeners	PCB051	68194-04-7
PCB_Congeners	PCB091	68194-05-8
PCB_Congeners	PCB102	68194-06-9
PCB_Congeners	PCB090	68194-07-0
PCB_Congeners	PCB150	68194-08-1
PCB_Congeners	PCB152	68194-09-2
PCB_Congeners	PCB113	68194-10-5
PCB_Congeners	PCB117	68194-11-6
PCB_Congeners	PCB120	68194-12-7
PCB_Congeners	PCB147	68194-13-8
PCB_Congeners	PCB144	68194-14-9
PCB_Congeners	PCB143	68194-15-0
PCB_Congeners	PCB173	68194-16-1

Table A2. Parameters Included in Database*Lower Columbia River Estuary Contaminant Data Compilation and Synthesis Project*

PCB_Congeners	PCB198	68194-17-2
Pesticides	Cyfluthrin	68359-37-5
Flame_Retardants	Tris(2-chloroethyl) phosphate	68411-66-5
Flame_Retardants	PBDE153	68631-49-2
Flame_Retardants	PBDE002	6876-00-2
Pesticides	2-Chloro-N-(2,6-	6967-29-9
PCB_Congeners	PCB157	69782-90-7
PCB_Congeners	PCB193	69782-91-8
PCB_Congeners	PCB028	7012-37-5
Flame_Retardants	PBDE001	7025-06-1
PCB_Congeners	PCB108	70362-41-3
PCB_Congeners	PCB045	70362-45-7
PCB_Congeners	PCB043	70362-46-8
PCB_Congeners	PCB048	70362-47-9
PCB_Congeners	PCB076	70362-48-0
PCB_Congeners	PCB078	70362-49-1
PCB_Congeners	PCB081	70362-50-4
PCB_Congeners	PCB057	70424-67-8
PCB_Congeners	PCB107	70424-68-9
PCB_Congeners	PCB106	70424-69-0
PCB_Congeners	PCB124	70424-70-3
Pesticides	Propanil	709-98-8
Pesticides	Endrin	72-20-8
Pesticides	Methoxychlor	72-43-5
Pesticides	4,4'-DDD	72-54-8
Pesticides	4,4'-DDE	72-55-9
Pesticides	Perthane	72-56-0
Pesticides	Prometryn	7287-19-6
PAHs	2-Methylnaphthalene-D10	7297-45-2
Pesticides	Phosmet	732-11-6
Pesticides	Phosmet oxygen analog	732-11-6-O2
PAHs	Benzo(e)pyrene	73467-76-2
PCB_Congeners	PCB068	73575-52-7
PCB_Congeners	PCB067	73575-53-8
PCB_Congeners	PCB096	73575-54-9
PCB_Congeners	PCB094	73575-55-0
PCB_Congeners	PCB093	73575-56-1
PCB_Congeners	PCB089	73575-57-2
Pesticides	Fenthion	73981-34-7
Pesticides	Endrin Aldehyde	7421-93-4
Pesticides	Sulfometuron Methyl	74222-97-2
Pesticides	Metsulfuron-methyl	74223-64-6
Metals	Aluminum	7429-90-5
PCB_Congeners	PCB073	74338-23-1
PCB_Congeners	PCB055	74338-24-2
Metals	Iron	7439-89-6

Table A2. Parameters Included in Database*Lower Columbia River Estuary Contaminant Data Compilation and Synthesis Project*

Metals	Lanthanum	7439-91-0
Metals	Lead	7439-92-1
Metals	Lithium	7439-93-2
Metals	Magnesium	7439-95-4
Metals	Manganese	7439-96-5
Metals	Mercury	7439-97-6
Metals	Molybdenum	7439-98-7
Metals	Neodymium	7440-00-8
Metals	Nickel	7440-02-0
Metals	Niobium	7440-03-1
Metals	Potassium	7440-09-7
Metals	Scandium	7440-20-2
Metals	Silver	7440-22-4
Metals	Strontium	7440-24-6
Metals	Tantalum	7440-25-7
Metals	Thallium	7440-28-0
Metals	Thorium	7440-29-1
Metals	Tin	7440-31-5
Metals	Titanium	7440-32-6
Metals	Antimony	7440-36-0
Metals	Arsenic	7440-38-2
Metals	Barium	7440-39-3
Metals	Beryllium	7440-41-7
Metals	Boron	7440-42-8
Metals	Cadmium	7440-43-9
Conventionals	Carbon	7440-44-0
Metals	Cerium	7440-45-1
Metals	Chromium	7440-47-3
Metals	Cobalt	7440-48-4
Metals	Copper	7440-50-8
Metals	Europium	7440-53-1
Metals	Gallium	7440-55-3
Metals	Gold	7440-57-5
Metals	Holmium	7440-60-0
Metals	Uranium	7440-61-1
Metals	Vanadium	7440-62-2
Metals	Ytterbium	7440-64-4
Metals	Yttrium	7440-65-5
Metals	Zinc	7440-66-6
Metals	Zirconium	7440-67-7
PCB_Congeners	PCB059	74472-33-6
PCB_Congeners	PCB063	74472-34-7
PCB_Congeners	PCB109	74472-35-8
PCB_Congeners	PCB112	74472-36-9
PCB_Congeners	PCB114	74472-37-0
PCB_Congeners	PCB115	74472-38-1

Table A2. Parameters Included in Database*Lower Columbia River Estuary Contaminant Data Compilation and Synthesis Project*

PCB_Congeners	PCB125	74472-39-2
PCB_Congeners	PCB145	74472-40-5
PCB_Congeners	PCB148	74472-41-6
PCB_Congeners	PCB158	74472-42-7
PCB_Congeners	PCB161	74472-43-8
PCB_Congeners	PCB163	74472-44-9
PCB_Congeners	PCB164	74472-45-0
PCB_Congeners	PCB165	74472-46-1
PCB_Congeners	PCB181	74472-47-2
PCB_Congeners	PCB184	74472-48-3
PCB_Congeners	PCB186	74472-49-4
PCB_Congeners	PCB191	74472-50-7
PCB_Congeners	PCB192	74472-51-8
PCB_Congeners	PCB204	74472-52-9
PCB_Congeners	PCB205	74472-53-0
PCB_Congeners	PCB188	74487-85-7
Pesticides	Dalapon	75-99-0
Pesticides	S-Ethyl Dipropylthiocarbamate (EPTC)	759-94-4
Metals	Silica	7631-86-9
Pesticides	Heptachlor	76-44-8
Conventionals	Sodium	7646-69-7
Conventionals	Ammonia Nitrogen	7664-41-7
PCB_Congeners	PCB122	76842-07-4
Pesticides	O-Ethyl-O-methyl-S-	76960-87-7
Pesticides	Glufosinate	77182-82-2
Conventionals	Phosphorus	7723-14-0
PAHs	Perylene	77392-71-3
Conventionals	Oxygen	7782-44-7
Conventionals	Saturated Oxygen	7782-44-7-S
Metals	Selenium	7782-49-2
Pesticides	Mevinphos	7786-34-7
Pesticides	Tribufos	78-48-8
Flame_Retardants	Tri(2-butoxyethyl) phosphate	78-51-3
PAHs	Isophorone	78-59-1
Pesticides	Carbophenothion	786-19-6
Pesticides	2,4'-DDT	789-02-6
Pesticides	Tefluthrin	79538-32-2
Pesticides	Tefluthrin metabolite [R 119364]	79538-32-2-MET1
Pesticides	Tefluthrin metabolite [R 152912]	79538-32-2-MET2
Pesticides	Dimethoate	79956-18-6
Pesticides	Toxaphene	8001-35-2
Conventionals	Calcium	8047-59-4
Pesticides	Demeton	8065-48-3
PAHs	Fluorene-D10	81103-79-9
Pesticides	Imazaquin	81335-37-7
Pesticides	Imazethapyr	81335-77-5

Table A2. Parameters Included in Database*Lower Columbia River Estuary Contaminant Data Compilation and Synthesis Project*

Pesticides	Bifenthrin	82657-04-3
Flame_Retardants	PBDE128	82865-89-2
PAHs	1-Methylphenanthrene	832-69-9
PAHs	Acenaphthene	83-32-9
PAHs	Phenanthrene	85-01-8
PAHs	Butylbenzyl phthalate	85-68-7
Flame_Retardants	PBDE119	86029-64-3
Pesticides	Azinphos-methyl	86-50-0
PAHs	Fluorene	86-73-7
Pesticides	Dacthal	87209-56-1
Pesticides	Pentachlorophenol	87-86-5
Pesticides	Myclobutanil	88671-89-0
Pesticides	Dacthal monoacid	887-54-7
Pesticides	Dinoseb	88-85-7
Pesticides	Hexachlorobenzene	9002-61-3
PAHs	1-Methylnaphthalene	90-12-0
Pesticides	1-Naphthol	90-15-3
Pesticides	4,4'-Dichlorobenzophenone	90-98-2
Pesticides	Chlorimuron ethyl	90982-32-4
PAHs	Naphthalene	91-20-3
PAHs	2-Methylnaphthalene	91-57-6
PAHs	Biphenyl	92-52-4
Pesticides	MCPP	93-65-2
Pesticides	2,4,5-TP (Silvex)	93-72-1
Pesticides	2,4,5-T	93-76-5
PAHs	Benzo(g,h,i)perylene-D12	93951-66-7
PAHs	Fluoranthene-D10	93951-69-0
PAHs	Acenaphthylene-D8	93951-97-4
PAHs	Benzo(b)fluoranthene-D12	93951-98-5
PAHs	Benzo(k)fluoranthene-D12	93952-01-3
Pesticides	Fonophos	944-22-9
Pesticides	MCPA	94-74-6
Pesticides	2,4-D	94-75-7
Pesticides	2,4-DB	94-82-6
Pesticides	Methyl paraoxon	950-35-6
Pesticides	Methidathion	950-37-8
PAHs	Benzothiophene	95-15-8
Pesticides	Methyl trithion	953-17-3
Pesticides	Diphenamid	957-51-7
Pesticides	3,4-Dichloroaniline	95-76-1
Pesticides	Dichlorvos	95828-55-0
Pesticides	2,5-Dichloroaniline	95-82-9
Pesticides	alpha-Endosulfan	959-98-8
Pesticides	Phostebupirim	96182-53-5
Pesticides	Diazoxon	962-58-3
PAHs	2,6-Dimethylnaphthalene	96789-56-9

Table A2. Parameters Included in Database*Lower Columbia River Estuary Contaminant Data Compilation and Synthesis Project*

Flame_Retardants	PBDE051	97038-95-4
Flame_Retardants	PBDE079	97038-98-7
Pesticides	3-(Trifluoromethyl) aniline	98-16-8
Pesticides	4-Methylsulfonyl chlorobenzene	98-57-7
Pesticides	Flumetsulam	98967-40-9
Pesticides	Fonofos oxygen analog	994-22-9
PCB_Aroclors	Aroclor 1016/1242	AR_10161242
PAHs	Benzo(b/j)fluoranthene	BBJFLANTH
PAHs	Benzo(b/k)fluoranthene	BKBFLANTH
PAHs	Benzo(j/k)fluoranthene	BKJFLANTH
Conventionals	Biological Oxygen Demand	BOD
PAHs	C1-Dibenzothiophenes	C1_132-65-0
PAHs	C1-Chrysenes	C1_218-01-9
PAHs	C1-Fluorenes	C1_86-73-7
PAHs	C1-Naphthalenes	C1_91-20-3
PAHs	C1-Fluoranthenes/Pyrenes	C1_FLRANPYRN
PAHs	C1-Phenanthrenes/Anthracenes	C1_PHANANTH
PAHs	C2-Dibenzothiophenes	C2_132-65-0
PAHs	C2-Chrysenes	C2_218-01-9
PAHs	C2-Fluorenes	C2_86-73-7
PAHs	C2-Naphthalenes	C2_91-20-3
PAHs	C2-Fluoranthenes/Pyrenes	C2_FLRANPYRN
PAHs	C2-Phenanthrenes/Anthracenes	C2_PHANANTH
PAHs	C3-Dibenzothiophenes	C3_132-65-0
PAHs	C3-Chrysenes	C3_218-01-9
PAHs	C3-Fluorenes	C3_86-73-7
PAHs	C3-Naphthalenes	C3_91-20-3
PAHs	C3-Fluoranthenes/Pyrenes	C3_FLRANPYRN
PAHs	C3-Phenanthrenes/Anthracenes	C3_PHANANTH
PAHs	C4-Dibenzothiophenes	C4_132-65-0
PAHs	C4-Chrysenes	C4_218-01-9
PAHs	C4-Fluorenes	C4_86-73-7
PAHs	C4-Naphthalenes	C4_91-20-3
PAHs	C4-Phenanthrenes/Anthracenes	C4_PHANANTH
Conventionals	Chemical Oxygen Demand	COD
Conventionals	Color	COLOR
PAHs	Carcinogenic Polycyclic Aromatic	CPAH
PAHs	Total Carcinogenic PAHs as TEQs (CPAH-	CPAH-TEQ
Conventionals	Sample Depth	Depth
Conventionals	Discharge	DISCHARGE
Conventionals	Dissolved Oxygen	DO
Conventionals	Dissolved Oxygen, mean	DO-M
Conventionals	Dissolved Organic Carbon	DOrC
Conventionals	Surface Dissolved Oxygen	DO-S
Conventionals	Conductivity	E1640291
Pesticides	Total DDD	E17075011

Table A2. Parameters Included in Database*Lower Columbia River Estuary Contaminant Data Compilation and Synthesis Project*

Pesticides	Total DDE	E17075029
Pesticides	Total DDT	E17075037
Pesticides	DDT/DDD/DDE, o,p' and p,p' isomers	E966176
Conventionals	E. coli	ECOLI
Conventionals	Flow	FLOW
Conventionals	Gage height	GAGE-H
Grain_Size	Coarse Clay	GS_CCLAY
Grain_Size	Coarse Gravel	GS_CG
Grain_Size	Clay (<3.2 um)	GS_CLAY
Grain_Size	Coarse Sand (4750-2000 um)	GS_CS
Grain_Size	Coarse Silt	GS_CSILT
Grain_Size	Fine Clay	GS_FCLAY
Grain_Size	Fine Gravel	GS_FG
Grain_Size	Fines	GS_FINES
Grain_Size	Fine Sand (425-75 um)	GS_FS
Grain_Size	Fine Silt	GS_FSILT
Grain_Size	Gravel (>4750 um)	GS_GRAVEL
Grain_Size	Medium Clay	GS_MCLAY
Grain_Size	Medium Gravel	GS_MG
Grain_Size	Medium Sand (2000-425 um)	GS_MS
Grain_Size	Medium Silt	GS_MSILT
Grain_Size	Rocks	GS_ROCK
Grain_Size	Sand	GS_SAND
Grain_Size	Silt (3.2-75 um)	GS_SILT
Grain_Size	Very Coarse Sand	GS_VCS
Grain_Size	Very Coarse Silt	GS_VCSILT
Grain_Size	Very Fine Sand	GS_VFS
Grain_Size	Very Fine Silt	GS_VFSILT
Conventionals	Hardness as CaCO3	HARD
PAHs	High Molecular Weight Polycyclic	HPAH
PAHs	Total HMW PAH, calculated	HPAH-C
PAHs	Total HMW PAH, reported	HPAH-R
PAHs	Total HMW PAH, toxic equivalency	HPAH-TEQ
PAHs	Low Molecular Weight Polycyclic	LPAH
PAHs	Total LMW PAH, calculated	LPAH-C
PAHs	Total LMW PAH, reported	LPAH-R
Conventionals	Dry Weight Mass	MASS-DRY
Conventionals	Moisture	MOISTURE
Conventionals	Oxidation Reduction Potential (Eh)	ORP
Flame_Retardants	PBDE008/011	PBDE008_011
Flame_Retardants	PBDE012/013	PBDE012_013
Flame_Retardants	PBDE017/025	PBDE017_025
Flame_Retardants	PBDE028/033	PBDE028_033
Flame_Retardants	PBDE119/120	PBDE119_120
Flame_Retardants	PBDE138/166	PBDE138_166
Flame_Retardants	PBDE184	PBDE184

Table A2. Parameters Included in Database*Lower Columbia River Estuary Contaminant Data Compilation and Synthesis Project*

Flame_Retardants	PBDE191	PBDE191
Flame_Retardants	PBDE203	PBDE203
PCB_Congeners	PCB004/010	PCB004_010
PCB_Congeners	PCB005/008	PCB005_008
PCB_Congeners	PCB007/009	PCB007_009
PCB_Congeners	PCB012/013	PCB012_013
PCB_Congeners	PCB016/032	PCB016_032
PCB_Congeners	PCB018/030	PCB018_030
PCB_Congeners	PCB020/021/033	PCB020_021_033
PCB_Congeners	PCB020/028	PCB020_028
PCB_Congeners	PCB021/033	PCB021_033
PCB_Congeners	PCB023/034	PCB023_034
PCB_Congeners	PCB024/027	PCB024_027
PCB_Congeners	PCB026/029	PCB026_029
PCB_Congeners	PCB028/031	PCB028_031
PCB_Congeners	PCB040/041/071	PCB040_041_071
PCB_Congeners	PCB040/071	PCB040_071
PCB_Congeners	PCB041/064/068	PCB041_064_068
PCB_Congeners	PCB041/064/071/072	PCB041_064_071_072
PCB_Congeners	PCB041/071/072	PCB041_071_082
PCB_Congeners	PCB042/059	PCB042_059
PCB_Congeners	PCB043/049	PCB043_049
PCB_Congeners	PCB043/052/073	PCB043_052_073
PCB_Congeners	PCB044/047/065	PCB044_047_065
PCB_Congeners	PCB045/051	PCB045_051
PCB_Congeners	PCB047/048/075	PCB047_048_075
PCB_Congeners	PCB048/075	PCB048_075
PCB_Congeners	PCB049/069	PCB049_069
PCB_Congeners	PCB050/053	PCB050_053
PCB_Congeners	PCB052/069	PCB052_069
PCB_Congeners	PCB052/073	PCB052_073
PCB_Congeners	PCB056/060	PCB056_060
PCB_Congeners	PCB059/062	PCB059_062
PCB_Congeners	PCB059/062/075	PCB059_062_075
PCB_Congeners	PCB059/075	PCB059_075
PCB_Congeners	PCB061/070	PCB061_070
PCB_Congeners	PCB061/070/074/076	PCB061_070_074_076
PCB_Congeners	PCB061/074	PCB061_074
PCB_Congeners	PCB064/068	PCB064_068
PCB_Congeners	PCB066/076	PCB066_076
PCB_Congeners	PCB066/076/080	PCB066_076_080
PCB_Congeners	PCB066/080	PCB066_080
PCB_Congeners	PCB069/073	PCB069_073
PCB_Congeners	PCB082/120	PCB082_120
PCB_Congeners	PCB083/099	PCB083_099
PCB_Congeners	PCB083/109	PCB083_109

Table A2. Parameters Included in Database*Lower Columbia River Estuary Contaminant Data Compilation and Synthesis Project*

PCB_Congeners	PCB084/092	PCB084_092
PCB_Congeners	PCB085/116	PCB085_116
PCB_Congeners	PCB085/116/117	PCB085_116_117
PCB_Congeners	PCB085/120	PCB085_120
PCB_Congeners	PCB086/087/097/108/119/125	PCB086_087_097_108
PCB_Congeners	PCB086/087/097/111/117/125	PCB086_087_097_111
PCB_Congeners	PCB086/097/125	PCB086_097_125
PCB_Congeners	PCB087/115	PCB087_115
PCB_Congeners	PCB087/117/125	PCB087_117_125
PCB_Congeners	PCB088/091	PCB088_091
PCB_Congeners	PCB088/121	PCB088_121
PCB_Congeners	PCB089/090/101	PCB089_090_101
PCB_Congeners	PCB089/101	PCB089_101
PCB_Congeners	PCB090/101	PCB090_101
PCB_Congeners	PCB090/101/113	PCB090_101_113
PCB_Congeners	PCB093/095	PCB093_095
PCB_Congeners	PCB093/095/098/100/102	PCB093_095_098_100
PCB_Congeners	PCB093/095/100	PCB093_095_100
PCB_Congeners	PCB093/095/121	PCB093_095_121
PCB_Congeners	PCB093/098/100/102	PCB093_098_100_102
PCB_Congeners	PCB093/100	PCB093_100
PCB_Congeners	PCB095/098/102	PCB095_098_102
PCB_Congeners	PCB098/102	PCB098_102
PCB_Congeners	PCB105/127	PCB105_127
PCB_Congeners	PCB106/118	PCB106_118
PCB_Congeners	PCB107/108	PCB107_108
PCB_Congeners	PCB107/109	PCB107_109
PCB_Congeners	PCB107/124	PCB107_124
PCB_Congeners	PCB108/112	PCB108_112
PCB_Congeners	PCB110/115	PCB110_115
PCB_Congeners	PCB111/115	PCB111_115
PCB_Congeners	PCB111/116/117	PCB111_116_117
PCB_Congeners	PCB115/116	PCB115_116
PCB_Congeners	PCB128/162	PCB128_162
PCB_Congeners	PCB128/166	PCB128_166
PCB_Congeners	PCB129/138/160/163	PCB129_138_160_163
PCB_Congeners	PCB129/138/163	PCB129_138_163
PCB_Congeners	PCB131/142	PCB131_142
PCB_Congeners	PCB131/142/165	PCB131_142_165
PCB_Congeners	PCB132/161	PCB132_161
PCB_Congeners	PCB132/168	PCB132_168
PCB_Congeners	PCB133/142	PCB133_142
PCB_Congeners	PCB134/143	PCB134_143
PCB_Congeners	PCB134/147/149	PCB134_147_149
PCB_Congeners	PCB135/144	PCB135_144
PCB_Congeners	PCB135/151	PCB135_151

Table A2. Parameters Included in Database*Lower Columbia River Estuary Contaminant Data Compilation and Synthesis Project*

PCB_Congeners	PCB135/151/154	PCB135_151_154
PCB_Congeners	PCB138/160	PCB138_160
PCB_Congeners	PCB138/163/164	PCB138_163_164
PCB_Congeners	PCB139/140	PCB139_140
PCB_Congeners	PCB139/149	PCB139_149
PCB_Congeners	PCB146/161	PCB146_161
PCB_Congeners	PCB146/165	PCB146_165
PCB_Congeners	PCB147/149	PCB147_149
PCB_Congeners	PCB150/152	PCB150_152
PCB_Congeners	PCB153/168	PCB153_168
PCB_Congeners	PCB156/157	PCB156_157
PCB_Congeners	PCB158/160	PCB158_160
PCB_Congeners	PCB163/164	PCB163_164
PCB_Congeners	PCB170/190	PCB170_190
PCB_Congeners	PCB170/194	PCB170_194
PCB_Congeners	PCB171/173	PCB171_173
PCB_Congeners	PCB172/192	PCB172_192
PCB_Congeners	PCB180/193	PCB180_193
PCB_Congeners	PCB182/187	PCB182_187
PCB_Congeners	PCB183/185	PCB183_185
PCB_Congeners	PCB196/203	PCB196_203
PCB_Congeners	PCB197/200	PCB197_200
PCB_Congeners	PCB198/199	PCB198_199
Pesticides	DDT/DDD/DDE, p,p' isomers	PP_DDT3ISO
Conventional	Water transparency, Secchi disc	SECCHI
Conventional	Specific Gravity	SPEC_GRAV
Conventional	Total Dissolved Solids	TDS
Conventional	Temperature	TEMP
Conventional	Temperature, field	TEMP-F
Conventional	Temperature, mean water	TEMP-MW
Conventional	Surface Temperature	TEMP-S
Conventional	Temperature, water	TEMP-W
Conventional	Total Phosphorus	TK
Conventional	Total Organic Carbon	TOC
PAHs	Total Benzofluoranthenes (b/k/j)	TOTBENZOBKJ
Pesticides	Total Chlordane	TOTCHLDANE
Pesticides	Total Endosulfan	TOTENDOSLFN
Pesticides	Total Hexachlorocyclohexane	TOTHCCH
Flame_Retardants	PBDEs	TOTPBDE
PCB_Aroclors	Total PCBs	TOTPCB
Conventional	Transit rate	TR
Conventional	Total Solids	TSOL
Conventional	Total Suspended Solids	TSS
Conventional	Turbidity	TURBID
Conventional	Turbidity, field	TURBID-F
Pesticides	2-[(2-Ethyl-6-methylphenyl)-amino]-1-	UNK001

Table A2. Parameters Included in Database*Lower Columbia River Estuary Contaminant Data Compilation and Synthesis Project*

Pesticides	2-Chloro-4-isopropylamino-6-amino-s-	UNK002
Pesticides	2-Chloro-6-ethylamino-4-amino-s-	UNK003
Pesticides	2-Hydroxy-4-isopropylamino-6-	UNK004
Pesticides	4-Hydroxymethyl pendimethalin	UNK005
Conventional	Alkalinity, total	UNK006
Conventional	Bottom Dissolved Oxygen	UNK015
Conventional	Bottom Salinity	UNK016
Conventional	Bottom Temperature	UNK017
Pesticides	Chloramben methyl ester	UNK020
Pesticides	Chlorodiamino-s-triazine (CAAT)	UNK022
Pesticides	Chlorpyrifos oxygen analog	UNK023
Pesticides	cis-Propiconazole	UNK025
Conventional	Depth, average	UNK031
Pesticides	Fipronil Desulfinyl	UNK032
Pesticides	Fipronil Desulfinyl amide	UNK033
Pesticides	Fipronil sulfide	UNK034
Pesticides	Fipronil sulfone	UNK035
Conventional	Surface Salinity	UNK052
Pesticides	Tebupirimphos oxygen analog	UNK053
Pesticides	trans-Propiconazole	UNK054
Biology	Vertebrate ID	UNK055
Grain_Size	Median Grain Size	UNK057
Grain_Size	Mean Grain Size	UNK058
Conventional	Number of Sample Points	UNK059
Biology	Reproductive Stage	UNK060
Biology	Health Assessment Index	UNK061
Biology	Gross Lesions	UNK062
Biology	Condition Factor	UNK063
Biology	Ceroid Pigment	UNK064
Biology	Macrophage Aggregate Size	UNK065
Biology	EROD Activity	UNK066
Biology	Vitellogenin	UNK067
Biology	Spleen Weight	UNK068
Biology	Liver Weight	UNK069
Biology	Gonad Weight	UNK070
Biology	Tissue Occupied by Macrophage	UNK071
Biology	Splenosomatic Index	UNK072
Biology	Oocyte atresia	UNK073
Biology	Hepatosomatic Index	UNK074
Biology	Macrophage Aggregate Density	UNK075
Biology	Gonadosomatic Index	UNK076
PCB_Congeners	PCB Group 1	UNK090
PCB_Congeners	PCB Group 2	UNK091
PCB_Congeners	PCB Group 3	UNK092
PCB_Congeners	PCB Group 4	UNK093
PCB_Congeners	PCB Group 5	UNK094

Table A2. Parameters Included in Database*Lower Columbia River Estuary Contaminant Data Compilation and Synthesis Project*

PCB_Congeners	PCB, NOS	UNK095
Pesticides	Methylenedioxyphenyl (MDP)	UNK200
PAHs	Dibenzo(a,h)anthraene-D14	UNK201
Conventionals	Inorganic carbon	UNK40
Pesticides	lambda-Cyhalothrin	UNK41
Flame_Retardants	Penta PBDE	UNK50
Conventionals	Percent Inorganics	UNK51
Conventionals	Velocity, average	VELOC-A
Conventionals	Wet Soil Mass	WSM
Conventionals	Wetted width	WW