Table 1. Summary of Metals in Concrete
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR02-BF-01	CFPR02-BF-02	CFPR02-BF-03	CFPR02-BF-04	CFPR02-BF-04	CFPR02-BW-01	CFPR02-BW-04	CFPR02-GF-01	CFPR02-GF-02	CFPR02-GF-03	CFPR02-GF-04	CFPR03-BF-01
			Sample Desingation:	PRF-02-004-C	PRF-02-003-C	PRF-02-002-C	PRF-02-001-C	PRF-02-001-CD	PRW-02-002-C	PRW-02-001-C	PRF-02-005-C	PRF-02-006-C	PRF-02-007-C	PRF-02-008-C	PRF-03-004-C
			Sample Date:	04/12/2017	04/12/2017	04/12/2017	04/12/2017	04/12/2017	04/13/2017	04/12/2017	04/12/2017	04/12/2017	04/13/2017	04/13/2017	04/13/2017
			Sample Type:	N	N	N	N	N	N	N	N	N	N	N	N
Analyte	EPA Industrial Soil RSL	EPA Residential Soil RSL	Unit												
Arsenic	**3**	0.68	mg/kg	**3.5**	**4.5**	**3.6**	**3.6**	**3.5**	**4.6**	2.7	**3.6**	**3.3**	**3.6**	**6.7**	**3.5**
Barium	22000	1500	mg/kg	119	137	103	129	127	156	185	189	101	152	142	104
Cadmium	98	7.1	mg/kg	0.83 U	0.55 J	0.77 U	0.85 U	0.82 U	0.99 U	1 U	0.82 U	0.75 U	1 U	3.7	0.31 J
Chromium	-	-	mg/kg	29.2	39.5	38.8	33.9	32.1	37.5	35.1	48.9	26	44.7	51.2	29
Cyanide, Total	**15**	2.3	mg/kg	0.25	0.16	0.051 J	0.048 J	0.054 J	**19.9**	0.09 J	0.35	0.093 J	0.12	0.041 J	0.038 J
Lead	800	400	mg/kg	9.1	5.1	4.3	5.8	5.8	6	4.7	5.8	3.8	5.2	20.3	4.8
Mercury	4.6	1.1	mg/kg	0.018 U	0.017 U	0.017 U	0.018 U	0.018 U	0.017 U	0.016	0.016 U	0.017 U	0.017 U	0.017 U	0.018 U
Selenium	580	39	mg/kg	4.2 U	4.2 U	3.8 U	4.2 U	4.1 U	5 U	5 U	4.1 U	3.8 U	5 U	0.32 J	4 U
Silver	580	39	mg/kg	4.1	0.59 J	1.5	0.85 U	4	0.99 U	1 U	0.82 U	0.75 U	1 U	1 U	0.79 U

B - The analyte was found in an associated blank as well as in the sample
exceedance
J - Estimated value
T - Indicates that a quality control parameter has exceeded laboratory limits
U - Indicates that the compound was analyzed for but not detected
FD - Duplicate Sample
mg/kg - Milligrams per kilogram
Bold indicates exceedance of Environmental Protection Agency Industrial Soil Regional Screening Level
Shaded indicates exceedance of Environmental Protection Agency Residnetial Soil Regional Screening

Table 1. Summary of Metals in Concrete
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR03-BF-02	CFPR03-BF-03	CFPR03-BF-04	CFPR03-BW-01	CFPR03-BW-04	CFPR03-GF-01	CFPR03-GF-02	CFPR03-GF-03	CFPR03-GF-04	CFPR03-SS	CFPR04-BF-01	CFPR04-BF-02
			Sample Desingation:	PRF-03-003-C	PRF-03-002-C	PRF-03-001-C	PRW-03-002-C	PRW-03-001-C	PRF-03-005-C	PRF-03-006-C	PRF-03-007-C	PRF-03-008-C	PRS-03-001-C	PRF-04-004-C	PRF-04-003-C
			Sample Date:	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017
			Sample Type:	N	N	N	N	N	N	N	N	N	N	N	N
Analyte	EPA Industrial Soil RSL	EPA Residential Soil RSL	Unit												
Arsenic	**3**	0.68	mg/kg	**3.4**	**3.2**	2.8	**4**	2.9	2.7	**3.5**	**3.2**	**4.1**	**3.7**	**3.7**	**3.2**
Barium	22000	1500	mg/kg	102	139	97.5	193	153	141	115	128	144	164	121	112
Cadmium	98	7.1	mg/kg	0.49 J	0.8 U	0.36 J	0.8 U	0.85 U	0.8 U	0.39 J	0.44 J	0.57 J	0.77 U	0.47 J	0.38 J
Chromium	-	-	mg/kg	25.6	32.5	35	25.8	36.2	39.1	37.5	29.9	31.4	32.8	38.6	32.4
Cyanide, Total	**15**	2.3	mg/kg	0.084 J	0.039 J	0.1	**18.1**	0.035 J	0.042 J	0.12	0.17	0.16	0.046 J	1.5	0.17
Lead	800	400	mg/kg	4.9	7.8	7.3	5.3	5.6	5.4	9.1	7.3	11.1	5	5.8	5
Mercury	4.6	1.1	mg/kg	0.016 U	0.017 U	0.017 U	0.035	0.016 U	0.017 U	0.016 U	0.018 U	0.017 U	0.016 U	0.017 U	0.016 U
Selenium	580	39	mg/kg	4 U	4 U	5.1 U	4 U	4.2 U	4 U	4.1 U	4.2 U	3.9 U	3.9 U	5.1 U	3.9 U
Silver	580	39	mg/kg	0.79 U	0.8 U	1 U	0.8 U	0.85 U	0.8 U	0.81 U	0.85 U	0.79 U	0.77 U	1 U	0.79 U

B - The analyte was found in an associated blank as well as in the sample
exceedance
J - Estimated value
T - Indicates that a quality control parameter has exceeded laboratory limits
U - Indicates that the compound was analyzed for but not detected
FD - Duplicate Sample
mg/kg - Milligrams per kilogram
Bold indicates exceedance of Environmental Protection Agency Industrial Soil Regional Screening Level
Shaded indicates exceedance of Environmental Protection Agency Residnetial Soil Regional Screening

Table 1. Summary of Metals in Concrete
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR04-BF-03	CFPR04-BF-04	CFPR04-BF-04	CFPR04-BW-01	CFPR04-BW-04	CFPR04-GF-01	CFPR04-GF-02	CFPR04-GF-03	CFPR04-GF-04
			Sample Desingation:	PRF-04-002-C	PRF-04-001-C	PRF-04-001-CD	PRW-04-002-C	PRW-04-001-C	PRF-04-005-C	PRF-04-006-C	PRF-04-007-C	PRF-04-008-C
			Sample Date:	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/14/2017	04/14/2017	04/14/2017
			Sample Type:	N	N	N	N	N	N	N	N	N
Analyte	EPA Industrial Soil RSL	EPA Residential Soil RSL	Unit									
Arsenic	**3**	0.68	mg/kg	**3.5**	2.9	**3.6**	**3.8**	2.8	**3.4**	**5.4**	**4.3**	**4.6**
Barium	22000	1500	mg/kg	106	119	116	117	138	140	133	131	106
Cadmium	98	7.1	mg/kg	0.51 J	0.79 U	0.81 U	1 U	1 U	0.56 J	0.63 J	0.49 J	1 U
Chromium	-	-	mg/kg	32	35.7	62.6	34.8	32.6	35.8	32.5	39	28.3
Cyanide, Total	**15**	2.3	mg/kg	0.034 J	0.13	0.87	**47.7**	0.056 J	0.1 U	0.1 U	0.036 JBT	0.037 BJ
Lead	800	400	mg/kg	4.9	5	4.6	5.6	5.5	7	6	7.2	6.5
Mercury	4.6	1.1	mg/kg	0.017 U	0.016 U	0.016 U	0.018 U	0.017 U	0.016	0.017 U	0.016 U	0.017 U
Selenium	580	39	mg/kg	3.8 U	3.9 U	4.1 U	5 U	5 U	5 U	5.1 U	4 U	5.1 U
Silver	580	39	mg/kg	0.76 U	0.79 U	0.81 U	1 U	1 U	1 U	1 U	0.8 U	1 U

B - The analyte was found in an associated blank as well as in the sample
exceedance
J - Estimated value
T - Indicates that a quality control parameter has exceeded laboratory limits
U - Indicates that the compound was analyzed for but not detected
FD - Duplicate Sample
mg/kg - Milligrams per kilogram
Bold indicates exceedance of Environmental Protection Agency Industrial Soil Regional Screening Level
Shaded indicates exceedance of Environmental Protection Agency Residnetial Soil Regional Screening

Table 2. Summary of Polychlorinated Biphenyl in Concrete
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR02-BF-01	CFPR02-BF-02	CFPR02-BF-03	CFPR02-BF-04	CFPR02-BF-04	CFPR02-BW-01	CFPR02-BW-04	CFPR02-GF-01	CFPR02-GF-02	CFPR02-GF-03	CFPR02-GF-04
			Sample Desingation:	PRF-02-004-C	PRF-02-003-C	PRF-02-002-C	PRF-02-001-C	PRF-02-001-CD	PRW-02-002-C	PRW-02-001-C	PRF-02-005-C	PRF-02-006-C	PRF-02-007-C	PRF-02-008-C
			Sample Date:	04/12/2017	04/12/2017	04/12/2017	04/12/2017	04/12/2017	04/13/2017	04/12/2017	04/12/2017	04/12/2017	04/13/2017	04/13/2017
			Sample Type:	N	N	N	N	N	N	N	N	N	N	N
Analyte	EPA Industrial Soil RSL	EPA Residential Soil RSL	Unit											
Aroclor 1016	5.1	0.41	mg/kg	0.07 U	0.07 U	0.069 U	0.07 U	0.069 U	0.068 U	0.068 U	0.068 U	0.067 U	0.069 U	0.068 U
Aroclor 1221	0.83	0.2	mg/kg	0.07 U	0.07 U	0.069 U	0.07 U	0.069 U	0.068 U	0.068 U	0.068 U	0.067 U	0.069 U	0.068 U
Aroclor 1232	0.72	0.17	mg/kg	0.07 U	0.07 U	0.069 U	0.07 U	0.069 U	0.068 U	0.068 U	0.068 U	0.067 U	0.069 U	0.068 U
Aroclor 1242	0.95	0.23	mg/kg	0.07 U	0.07 U	0.069 U	0.07 U	0.069 U	0.068 U	0.068 U	0.068 U	0.067 U	0.069 U	0.068 U
Aroclor 1248	0.95	0.23	mg/kg	0.07 U	0.07 U	0.069 U	0.07 U	0.069 U	0.068 U	0.068 U	0.068 U	0.067 U	0.069 U	0.068 U
Aroclor 1254	0.97	0.12	mg/kg	0.07 U	0.07 U	0.069 U	0.07 U	0.069 U	0.059 J	0.068 U	0.07	0.067 U	0.069 U	0.095
Aroclor 1260	0.99	0.24	mg/kg	0.07 U	0.07 U	0.069 U	0.07 U	0.069 U	0.068 U	0.068 U	0.068 U	0.067 U	0.069 U	0.068 U
Aroclor 1268	-	-	mg/kg	0.07 U	0.07 U	0.069 U	0.07 U	0.069 U	0.068 U	0.068 U	0.068 U	0.067 U	0.069 U	0.068 U
Aroclor-1262	-	-	mg/kg	0.07 U	0.07 U	0.069 U	0.07 U	0.069 U	0.068 U	0.068 U	0.068 U	0.067 U	0.069 U	0.068 U
Polychlorinated biphenyls, Total	0.94	0.23	mg/kg	0.07 U	0.07 U	0.069 U	0.07 U	0.069 U	0.059 J	0.068 U	0.07	0.067 U	0.069 U	0.095

B - The analyte was found in an associated blank as well as in the sample
D - A secondary analysis after dilution due to exceedance
J - Estimated value
T - Indicates that a quality control parameter has exceeded laboratory limits
U - Indicates that the compound was analyzed for but not detected
FD - Duplicate Sample
mg/kg - Milligrams per kilogram
Bold indicates exceedance of Environmental Protection Agency Industrial
Soil Regional Screening Level
Shaded indicates exceedance of Environmental Protection Agency
Residnetial Soil Regional Screening Level

Table 2. Summary of Polychlorinated Biphenyl in Concrete
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR03-BF-01	CFPR03-BF-02	CFPR03-BF-03	CFPR03-BF-04	CFPR03-BW-01	CFPR03-BW-04	CFPR03-GF-01	CFPR03-GF-02	CFPR03-GF-03	CFPR03-GF-04	CFPR03-SS
			Sample Desingation:	PRF-03-004-C	PRF-03-003-C	PRF-03-002-C	PRF-03-001-C	PRW-03-002-C	PRW-03-001-C	PRF-03-005-C	PRF-03-006-C	PRF-03-007-C	PRF-03-008-C	PRS-03-001-C
			Sample Date:	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017
			Sample Type:	N	N	N	N	N	N	N	N	N	N	N
Analyte	EPA Industrial Soil RSL	EPA Residential Soil RSL	Unit											
Aroclor 1016	5.1	0.41	mg/kg	0.069 U	0.069 U	0.069 U	0.069 U	0.068 U	0.068 U	0.068 U	0.068 U	0.069 U	0.068 U	0.068 U
Aroclor 1221	0.83	0.2	mg/kg	0.069 U	0.069 U	0.069 U	0.069 U	0.068 U	0.068 U	0.068 U	0.068 U	0.069 U	0.068 U	0.068 U
Aroclor 1232	0.72	0.17	mg/kg	0.069 U	0.069 U	0.069 U	0.069 U	0.068 U	0.068 U	0.068 U	0.068 U	0.069 U	0.068 U	0.068 U
Aroclor 1242	0.95	0.23	mg/kg	0.069 U	0.069 U	0.069 U	0.069 U	0.068 U	0.068 U	0.068 U	0.068 U	0.069 U	0.068 U	0.068 U
Aroclor 1248	0.95	0.23	mg/kg	0.069 U	0.069 U	0.069 U	0.069 U	0.068 U	0.068 U	0.068 U	0.068 U	0.069 U	0.068 U	0.068 U
Aroclor 1254	0.97	0.12	mg/kg	0.069 U	0.069 U	0.069 U	0.042 J	0.068 U	0.044 J	0.068 U	0.068 U	0.053 J	0.068 U	0.08
Aroclor 1260	0.99	0.24	mg/kg	0.069 U	0.069 U	0.069 U	0.069 U	0.068 U	0.068 U	0.068 U	0.068 U	0.069 U	0.068 U	0.068 U
Aroclor 1268	-	-	mg/kg	0.069 U	0.069 U	0.069 U	0.069 U	0.068 U	0.068 U	0.068 U	0.068 U	0.069 U	0.068 U	0.068 U
Aroclor-1262	-	-	mg/kg	0.069 U	0.069 U	0.069 U	0.069 U	0.068 U	0.068 U	0.068 U	0.068 U	0.069 U	0.068 U	0.068 U
Polychlorinated biphenyls, Total	0.94	0.23	mg/kg	0.069 U	0.069 U	0.069 U	0.042 J	0.068 U	0.044 J	0.068 U	0.068 U	0.053 J	0.068 U	0.08

B - The analyte was found in an associated blank as well as in the sample
D - A secondary analysis after dilution due to exceedance
J - Estimated value
T - Indicates that a quality control parameter has exceeded laboratory limit
U - Indicates that the compound was analyzed for but not detected
FD - Duplicate Sample
mg/kg - Milligrams per kilogram
Bold indicates exceedance of Environmental Protection Agency Industrial Soil Regional Screening Level
Shaded indicates exceedance of Environmental Protection Agency Residnetial Soil Regional Screening Level

Table 2. Summary of Polychlorinated Biphenyl in Concrete
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR04-BF-01	CFPR04-BF-02	CFPR04-BF-03	CFPR04-BF-04	CFPR04-BF-04	CFPR04-BW-01	CFPR04-BW-04	CFPR04-GF-01	CFPR04-GF-02	CFPR04-GF-03	CFPR04-GF-04
			Sample Desingation:	PRF-04-004-C	PRF-04-003-C	PRF-04-002-C	PRF-04-001-C	PRF-04-001-CD	PRW-04-002-C	PRW-04-001-C	PRF-04-005-C	PRF-04-006-C	PRF-04-007-C	PRF-04-008-C
			Sample Date:	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/14/2017	04/14/2017	04/14/2017
			Sample Type:	N	N	N	N	N	N	N	N	N	N	N
Analyte	EPA Industrial Soil RSL	EPA Residential Soil RSL	Unit											
Aroclor 1016	5.1	0.41	mg/kg	0.069 U	0.07 U	0.069 U	0.069 U	0.069 U	0.069 U	0.068 U	0.068 U	0.068 U	0.068 U	0.068 U
Aroclor 1221	0.83	0.2	mg/kg	0.069 U	0.07 U	0.069 U	0.069 U	0.069 U	0.069 U	0.068 U	0.068 U	0.068 U	0.068 U	0.068 U
Aroclor 1232	0.72	0.17	mg/kg	0.069 U	0.07 U	0.069 U	0.069 U	0.069 U	0.069 U	0.068 U	0.068 U	0.068 U	0.068 U	0.068 U
Aroclor 1242	0.95	0.23	mg/kg	0.069 U	0.07 U	0.069 U	0.069 U	0.069 U	0.069 U	0.068 U	0.068 U	0.068 U	0.068 U	0.068 U
Aroclor 1248	0.95	0.23	mg/kg	0.069 U	0.07 U	0.069 U	0.069 U	0.069 U	0.069 U	0.068 U	0.068 U	0.068 U	0.068 U	0.068 U
Aroclor 1254	0.97	0.12	mg/kg	0.069 U	0.07 U	0.069 U	0.069 U	0.069 U	0.056 J	0.12	0.068 U	0.068 U	0.068 U	0.068 U
Aroclor 1260	0.99	0.24	mg/kg	0.069 U	0.07 U	0.069 U	0.069 U	0.069 U	0.069 U	0.068 U	0.068 U	0.068 U	0.068 U	0.068 U
Aroclor 1268	-	-	mg/kg	0.069 U	0.07 U	0.069 U	0.069 U	0.069 U	0.069 U	0.068 U	0.068 U	0.068 U	0.068 U	0.068 U
Aroclor-1262	-	-	mg/kg	0.069 U	0.07 U	0.069 U	0.069 U	0.069 U	0.069 U	0.068 U	0.068 U	0.068 U	0.068 U	0.068 U
Polychlorinated biphenyls, Total	0.94	0.23	mg/kg	0.069 U	0.07 U	0.069 U	0.069 U	0.069 U	0.056 J	0.12	0.068 U	0.068 U	0.068 U	0.068 U

B - The analyte was found in an associated blank as well as in the sample
D - A secondary analysis after dilution due to exceedance
J - Estimated value
T - Indicates that a quality control parameter has exceeded laboratory limit
U - Indicates that the compound was analyzed for but not detected
FD - Duplicate Sample
mg/kg - Milligrams per kilogram
Bold indicates exceedance of Environmental Protection Agency Industrial Soil Regional Screening Level
Shaded indicates exceedance of Environmental Protection Agency Residnetial Soil Regional Screening Level

Table 3. Summary of General Chemistry in Concrete
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR02-BF-01	CFPR02-BF-02	CFPR02-BF-03	CFPR02-BF-04	CFPR02-BF-04	CFPR02-BW-01	CFPR02-BW-04	CFPR02-GF-01	CFPR02-GF-02	CFPR02-GF-03	CFPR02-GF-04	CFPR03-BF-01
			Sample Desingation:	PRF-02-004-C	PRF-02-003-C	PRF-02-002-C	PRF-02-001-C	PRF-02-001-CD	PRW-02-002-C	PRW-02-001-C	PRF-02-005-C	PRF-02-006-C	PRF-02-007-C	PRF-02-008-C	PRF-03-004-C
			Sample Date:	04/12/2017	04/12/2017	04/12/2017	04/12/2017	04/12/2017	04/13/2017	04/12/2017	04/12/2017	04/12/2017	04/13/2017	04/13/2017	04/13/2017
			Sample Type:	N	N	N	N	N	N	N	N	N	N	N	N
Analyte	EPA Industrial Soil RSL	EPA Residential Soil RSL	Unit												
Fluoride	4700	310	mg/kg	341 D	237 D	770 D	372 D	303 D	228 D	25.9 D	3030 D	131 D	794 D	525 D	161 D

B - The analyte was found in an associated blank as well as in the sample
D - A secondary analysis after dilution due to exceedance
J - Estimated value
T - Indicates that a quality control parameter has exceeded laboratory limits
U - Indicates that the compound was analyzed for but not detected
FD - Duplicate Sample
mg/kg - Milligrams per kilogram
Bold indicates exceedance of Environmental Protection Agency Industrial Soil Regional Screening Level
Shaded indicates exceedance of Environmental Protection Agency Residnetial Soil Regional Screening Level

Table 3. Summary of General Chemistry in Concrete
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR03-BF-02	CFPR03-BF-03	CFPR03-BF-04	CFPR03-BW-01	CFPR03-BW-04	CFPR03-GF-01	CFPR03-GF-02	CFPR03-GF-03	CFPR03-GF-04	CFPR03-SS	CFPR04-BF-01	CFPR04-BF-02	CFPR04-BF-03
			Sample Desingation:	PRF-03-003-C	PRF-03-002-C	PRF-03-001-C	PRW-03-002-C	PRW-03-001-C	PRF-03-005-C	PRF-03-006-C	PRF-03-007-C	PRF-03-008-C	PRS-03-001-C	PRF-04-004-C	PRF-04-003-C	PRF-04-002-C
			Sample Date:	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017
			Sample Type:	N	N	N	N	N	N	N	N	N	N	N	N	N
Analyte	EPA Industrial Soil RSL	EPA Residential Soil RSL	Unit													
Fluoride	4700	310	mg/kg	158 D	224 D	231 D	296 D	22.3	110 D	76.3 D	149 D	110 D	120 D	363 D	286 D	82.6 D

B - The analyte was found in an associated blank as well as in the sample
D - A secondary analysis after dilution due to exceedance
J - Estimated value
T - Indicates that a quality control parameter has exceeded laboratory limits
U - Indicates that the compound was analyzed for but not detected
FD - Duplicate Sample
mg/kg - Milligrams per kilogram
Bold indicates exceedance of Environmental Protection Agency Industrial Soil Regional Screening Level
Shaded indicates exceedance of Environmental Protection Agency Residnetial Soil Regional Screening Level

Table 3. Summary of General Chemistry in Concrete
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR04-BF-04	CFPR04-BF-04	CFPR04-BW-01	CFPR04-BW-04	CFPR04-GF-01	CFPR04-GF-02	CFPR04-GF-03	CFPR04-GF-04
			Sample Desingation:	PRF-04-001-C	PRF-04-001-CD	PRW-04-002-C	PRW-04-001-C	PRF-04-005-C	PRF-04-006-C	PRF-04-007-C	PRF-04-008-C
			Sample Date:	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/14/2017	04/14/2017	04/14/2017
			Sample Type:	N	N	N	N	N	N	N	N
Analyte	EPA Industrial Soil RSL	EPA Residential Soil RSL	Unit								
Fluoride	4700	310	mg/kg	54.3 D	221 D	351 D	81.8 D	304 D	93.6 D	72.9 D	88 D

B - The analyte was found in an associated blank as well as in the sample
D - A secondary analysis after dilution due to exceedance
J - Estimated value
T - Indicates that a quality control parameter has exceeded laboratory limits
U - Indicates that the compound was analyzed for but not detected
FD - Duplicate Sample
mg/kg - Milligrams per kilogram
Bold indicates exceedance of Environmental Protection Agency Industrial Soil Regional Screening Level
Shaded indicates exceedance of Environmental Protection Agency Residnetial Soil Regional Screening Level

Table 4. Summary of SemiVolatile Organic Compounds in Concrete
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location	CFPR02-BF-01	CFPR02-BF-02	CFPR02-BF-03	CFPR02-BF-04	CFPR02-BF-04	CFPR02-BW-01	CFPR02-BW-04	CFPR02-GF-01	CFPR02-GF-02
			Sample Name	CFPR02-BF-01-CO	CFPR02-BF-02-CO	CFPR02-BF-03-CO	CF-DUP041217-CO	CFPR02-BF-04-CO	CFPR02-BW-01-CO	CFPR02-BW-04-CO	CFPR02-GF-01-CO	CFPR02-GF-02-CO
			Sample Date	04/12/2017	04/12/2017	04/12/2017	04/12/2017	04/12/2017	04/12/2017	04/12/2017	04/12/2017	04/12/2017
			Sample Type	N	N	N	FD	N	N	N	N	N
Analyte	EPA Industrial Soil RSL	EPA Residential Soil RSL	Unit									
1,1'-Biphenyl	20	4.7	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
1,2,4,5-Tetrachlorobenzene	35	2.3	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
1,4-Dioxane	24	5.3	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
2,2'-oxybis[1-chloropropane]	4700	310	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
2,3,4,6-Tetrachlorophenol	2500	190	mg/kg	0.35 U	0.35 UJ	3.5 U	1.7 U	1.7 U	0.34 U	0.34 UJ	3.4 U	1.7 U
2,4,5-Trichlorophenol	8200	630	mg/kg	0.35 U	0.35 UJ	3.5 U	1.7 U	1.7 U	0.34 U	0.34 UJ	3.4 U	1.7 U
2,4,6-Trichlorophenol	82	6.3	mg/kg	0.14 U	0.14 UJ	1.4 U	0.69 U	0.69 U	0.14 U	0.14 UJ	1.4 U	0.67 U
2,4-Dichlorophenol	250	19	mg/kg	0.14 U	0.14 UJ	1.4 U	0.69 U	0.69 U	0.14 U	0.14 UJ	1.4 U	0.67 U
2,4-Dimethylphenol	1600	130	mg/kg	0.35 U	0.35 UJ	3.5 U	1.7 U	1.7 U	0.34 U	0.34 UJ	3.4 U	1.7 U
2,4-Dinitrophenol	160	13	mg/kg	0.28 U	0.28 UJ	2.8 U	1.4 U	1.4 U	0.27 U	0.27 UJ	2.8 U	1.3 U
2,4-Dinitrotoluene	7.4	1.7	mg/kg	0.072 U	0.071 U	0.7 U	0.35 U	0.35 U	0.068 U	0.068 U	0.69 U	0.34 U
2,6-Dinitrotoluene	1.5	0.36	mg/kg	0.072 U	0.071 U	0.7 U	0.35 U	0.35 U	0.068 U	0.068 U	0.69 U	0.34 U
2-Chloronaphthalene	6000	480	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
2-Chlorophenol	580	39	mg/kg	0.35 U	0.35 UJ	3.5 U	1.7 U	1.7 U	0.34 U	0.34 UJ	3.4 U	1.7 U
2-Methylnaphthalene	300	24	mg/kg	0.35 U	0.0098 J	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
2-Methylphenol	4100	320	mg/kg	0.35 U	0.35 UJ	3.5 U	1.7 U	1.7 U	0.34 U	0.34 UJ	3.4 U	1.7 U
2-Nitroaniline	800	63	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
2-Nitrophenol	-	-	mg/kg	0.35 U	0.35 UJ	3.5 U	1.7 U	1.7 U	0.34 U	0.34 UJ	3.4 U	1.7 U
3 & 4 Methylphenol	-	-	mg/kg	0.35 U	0.35 UJ	3.5 U	1.7 U	1.7 U	0.34 U	0.34 UJ	3.4 U	1.7 U
3,3'-Dichlorobenzidine	5.1	1.2	mg/kg	0.14 U	0.14 U	1.4 U	0.69 U	0.69 U	0.14 U	0.14 U	1.4 U	0.67 U
3-Nitroaniline	-	-	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
4,6-Dinitro-2-methylphenol	6.6	0.51	mg/kg	0.28 U	0.28 UJ	2.8 U	1.4 U	1.4 U	0.27 U	0.27 UJ	2.8 U	1.3 U
4-Bromophenyl phenyl ether	-	-	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
4-Chloro-3-methylphenol	8200	630	mg/kg	0.35 U	0.35 UJ	3.5 U	1.7 U	1.7 U	0.34 U	0.34 UJ	3.4 U	1.7 U
4-Chloroaniline	11	2.7	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
4-Chlorophenyl phenyl ether	-	-	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
4-Nitroaniline	110	25	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
4-Nitrophenol	-	-	mg/kg	0.72 U	0.71 UJ	7 U	3.5 U	3.5 U	0.68 U	0.68 UJ	6.9 U	3.4 U
Acenaphthene	4500	360	mg/kg	0.013 J	0.021 J	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	0.17 J	1.7 U
Acenaphthylene	-	-	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
Acetophenone	12000	780	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
Anthracene	23000	1800	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
Atrazine	10	2.4	mg/kg	0.14 U	0.14 U	1.4 U	0.69 U	0.69 U	0.14 U	0.14 U	1.4 U	0.67 U
Benzaldehyde	820	170	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
Benzo[a]anthracene	**2.9**	0.16	mg/kg	0.46	1.3	**24**	2.1	1.9	0.034 U	0.034 U	**7.5**	2.8
Benzo[a]pyrene	**0.29**	0.016	mg/kg	**0.4**	**1.2**	**25**	**4.6**	**4.2**	0.017 J	0.012 J	**5.7**	**1.4**
Benzo[b]fluoranthene	**2.9**	0.16	mg/kg	1.6	**4.5**	**72**	**14**	**13**	0.074	0.047	**21**	**8**
Benzo[g,h,i]perylene	-	-	mg/kg	0.54	1.5	22	5.1	3.9	0.34 U	0.34 U	8.5	2.5
Benzo[k]fluoranthene	29	1.6	mg/kg	0.53	1.4	22	4	3	0.023 J	0.034 U	7.6	2.2
Bis(2-chloroethoxy)methane	250	19	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
Bis(2-chloroethyl)ether	1	0.23	mg/kg	0.035 U	0.035 U	0.35 U	0.17 U	0.17 U	0.034 U	0.034 U	0.34 U	0.17 U
Bis(2-ethylhexyl) phthalate	160	39	mg/kg	0.14 J	0.59	0.76 J	1.7 UJ	0.59 J	0.34 U	0.34 U	3.4 U	1.7 U
Butyl benzyl phthalate	1200	290	mg/kg	0.35 U	0.12 J	0.26 J	0.72 J	0.29 J	0.34 U	0.34 U	3.4 U	1.7 U

Table 4. Summary of SemiVolatile Organic Compounds in Concrete
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location	CFPR02-BF-01	CFPR02-BF-02	CFPR02-BF-03	CFPR02-BF-04	CFPR02-BF-04	CFPR02-BW-01	CFPR02-BW-04	CFPR02-GF-01	CFPR02-GF-02
			Sample Name	CFPR02-BF-01-CO	CFPR02-BF-02-CO	CFPR02-BF-03-CO	CF-DUP041217-CO	CFPR02-BF-04-CO	CFPR02-BW-01-CO	CFPR02-BW-04-CO	CFPR02-GF-01-CO	CFPR02-GF-02-CO
			Sample Date	04/12/2017	04/12/2017	04/12/2017	04/12/2017	04/12/2017	04/12/2017	04/12/2017	04/12/2017	04/12/2017
			Sample Type	N	N	N	FD	N	N	N	N	N
Analyte	EPA Industrial Soil RSL	EPA Residential Soil RSL	Unit									
1,1'-Biphenyl	20	4.7	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
Caprolactam	40000	3100	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
Carbazole	-	-	mg/kg	0.17 J	0.43	1.2 J	0.7 J	0.68 J	0.067 J	0.043 J	6.6	3.2
Chrysene	290	16	mg/kg	1.3	3.5	36	6.1	5.4	0.17 J	0.11 J	22	9.2
Dibenz(a,h)anthracene	**0.29**	0.016	mg/kg	0.12	**0.37**	**6.2 J**	**1.6**	**1.2 J**	0.034 U	0.034 U	**2.5**	**0.75**
Dibenzofuran	100	7.3	mg/kg	0.015 J	0.02 J	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
Diethyl phthalate	66000	5100	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
Dimethyl phthalate	-	-	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
Di-n-butyl phthalate	8200	630	mg/kg	0.35 U	0.014 J	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
Di-n-octyl phthalate	820	63	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
Fluoranthene	3000	240	mg/kg	1.7	3.9	32	5.4	5.4	1.2	0.6	36	18
Fluorene	3000	240	mg/kg	0.01 J	0.017 J	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
Hexachlorobenzene	0.96	0.21	mg/kg	0.035 U	0.035 U	0.35 U	0.17 U	0.17 U	0.034 U	0.034 U	0.34 U	0.17 U
Hexachlorobutadiene	5.3	1.2	mg/kg	0.072 U	0.071 U	0.7 U	0.35 U	0.35 U	0.068 U	0.068 U	0.69 U	0.34 U
Hexachlorocyclopentadiene	0.75	0.18	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
Hexachloroethane	8	1.8	mg/kg	0.035 U	0.035 U	0.35 U	0.17 U	0.17 U	0.034 U	0.034 U	0.34 U	0.17 U
Indeno[1,2,3-cd]pyrene	**2.9**	0.16	mg/kg	0.66	1.7	**24 J**	**4.6**	**4.5 J**	0.032 J	0.03 J	**8.4**	2.6
Isophorone	2400	570	mg/kg	0.044 J	0.14	0.1 J	0.69 UJ	0.18 J	0.0081 J	0.049 J	1.4 U	0.67 U
Naphthalene	17	3.8	mg/kg	0.015 J	0.014 J	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
Nitrobenzene	22	5.1	mg/kg	0.035 U	0.035 U	0.35 U	0.17 U	0.17 U	0.034 U	0.034 U	0.34 U	0.17 U
N-Nitrosodi-n-propylamine	0.33	0.078	mg/kg	0.035 U	0.035 U	0.35 U	0.17 U	0.17 U	0.034 U	0.034 U	0.34 U	0.17 U
N-Nitrosodiphenylamine	470	110	mg/kg	0.35 U	0.35 U	3.5 U	1.7 U	1.7 U	0.34 U	0.34 U	3.4 U	1.7 U
Pentachlorophenol	4	1	mg/kg	0.28 U	0.28 UJ	2.8 U	1.4 U	1.4 U	0.27 U	0.27 UJ	2.8 U	1.3 U
Phenanthrene	-	-	mg/kg	0.44	0.83	3.1 J	0.91 J	0.87 J	0.31 J	0.2 J	7.8	3.2
Phenol	25000	1900	mg/kg	0.35 U	0.35 UJ	3.5 U	1.7 U	1.7 U	0.34 U	0.34 UJ	3.4 U	1.7 U
Pyrene	2300	180	mg/kg	1.2	2.9	34	4.1	4.3	0.23 J	0.099 J	28	13

J - Estimated value
J- - Estimated value, low bias
U - Indicates that the compound was analyzed for but not detected
R - Sample results rejected by validator
FD - Duplicate Sample
mg/kg - Milligrams per kilogram
Bold indicates exceedance of Environmental Protection Agency Industrial Soil Regional Screening Level
Shaded indicates exceedance of Environmental Protection Agency Residnetial Soil Regional Screening Level

Table 4. Summary of SemiVolatile Organic Compounds in Concrete
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location	CFPR02-GF-03	CFPR02-GF-04	CFPR03-BF-01	CFPR03-BF-02	CFPR03-BF-03	CFPR03-BF-04	CFPR03-BW-01	CFPR03-BW-04	CFPR03-GF-01
			Sample Name	CFPR02-GF-03-CO	CFPR02-GF-04-CO	CFPR03-BF-01-CO	CFPR03-BF-02-CO	CFPR03-BF-03-CO	CFPR03-BF-04-CO	CFPR03-BW-01-CO	CFPR03-BW-04-CO	CFPR03-GF-01-CO
			Sample Date	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017
			Sample Type	N	N	N	N	N	N	N	N	N
Analyte	EPA Industrial Soil RSL	EPA Residential Soil RSL	Unit									
1,1'-Biphenyl	20	4.7	mg/kg	1.7 U	0.68 U	0.056 J	0.032 J	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
1,2,4,5-Tetrachlorobenzene	35	2.3	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
1,4-Dioxane	24	5.3	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
2,2'-oxybis[1-chloropropane]	4700	310	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
2,3,4,6-Tetrachlorophenol	2500	190	mg/kg	1.7 U	0.68 R	0.34 U	0.34 U	0.34 R	3.4 U	0.33 U	0.34 R	0.34 U
2,4,5-Trichlorophenol	8200	630	mg/kg	1.7 U	0.68 R	0.34 U	0.34 U	0.34 R	3.4 U	0.33 U	0.34 R	0.34 U
2,4,6-Trichlorophenol	82	6.3	mg/kg	0.68 U	0.27 R	0.14 U	0.14 U	0.14 R	1.4 U	0.13 U	0.14 R	0.14 U
2,4-Dichlorophenol	250	19	mg/kg	0.68 U	0.27 R	0.14 U	0.14 U	0.14 R	1.4 U	0.13 U	0.14 R	0.14 U
2,4-Dimethylphenol	1600	130	mg/kg	1.7 U	0.68 R	0.34 U	0.34 U	0.34 R	3.4 U	0.33 U	0.34 R	0.34 U
2,4-Dinitrophenol	160	13	mg/kg	1.4 U	0.55 R	0.27 U	0.27 U	0.27 R	2.8 U	0.27 U	0.27 R	0.27 U
2,4-Dinitrotoluene	7.4	1.7	mg/kg	0.34 U	0.14 U	0.069 U	0.069 U	0.069 U	0.69 U	0.068 U	0.068 U	0.068 U
2,6-Dinitrotoluene	1.5	0.36	mg/kg	0.34 U	0.14 U	0.069 U	0.069 U	0.069 U	0.69 U	0.068 U	0.068 U	0.068 U
2-Chloronaphthalene	6000	480	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
2-Chlorophenol	580	39	mg/kg	1.7 U	0.68 R	0.34 U	0.34 U	0.34 R	3.4 U	0.33 U	0.34 R	0.34 U
2-Methylnaphthalene	300	24	mg/kg	1.7 U	0.68 U	0.0088 J	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
2-Methylphenol	4100	320	mg/kg	1.7 U	0.68 R	0.34 U	0.34 U	0.34 R	3.4 U	0.33 U	0.34 R	0.34 U
2-Nitroaniline	800	63	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
2-Nitrophenol	-	-	mg/kg	1.7 U	0.68 R	0.34 U	0.34 U	0.34 R	3.4 U	0.33 U	0.34 R	0.34 U
3 & 4 Methylphenol	-	-	mg/kg	1.7 U	0.68 R	0.34 U	0.34 U	0.34 R	3.4 U	0.33 U	0.34 R	0.34 U
3,3'-Dichlorobenzidine	5.1	1.2	mg/kg	0.68 U	0.27 U	0.14 U	0.14 U	0.14 U	1.4 U	0.13 U	0.14 U	0.14 U
3-Nitroaniline	-	-	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
4,6-Dinitro-2-methylphenol	6.6	0.51	mg/kg	1.4 U	0.55 R	0.27 U	0.27 U	0.27 R	2.8 U	0.27 U	0.27 R	0.27 U
4-Bromophenyl phenyl ether	-	-	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
4-Chloro-3-methylphenol	8200	630	mg/kg	1.7 U	0.68 R	0.34 U	0.34 U	0.34 R	3.4 U	0.33 U	0.34 R	0.34 U
4-Chloroaniline	11	2.7	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
4-Chlorophenyl phenyl ether	-	-	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
4-Nitroaniline	110	25	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
4-Nitrophenol	-	-	mg/kg	3.4 U	1.4 R	0.69 U	0.69 U	0.69 R	6.9 U	0.68 U	0.68 R	0.68 U
Acenaphthene	4500	360	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
Acenaphthylene	-	-	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
Acetophenone	12000	780	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
Anthracene	23000	1800	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
Atrazine	10	2.4	mg/kg	0.68 U	0.27 U	0.14 U	0.14 U	0.14 U	1.4 U	0.13 U	0.14 U	0.14 U
Benzaldehyde	820	170	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
Benzo[a]anthracene	**2.9**	0.16	mg/kg	**3**	1.1	0.22	0.2	0.17	**18**	0.033 U	0.034 U	0.5
Benzo[a]pyrene	**0.29**	0.016	mg/kg	**1.5**	**1.5**	0.17	0.13	0.12	**16**	0.033 U	0.034 U	0.21
Benzo[b]fluoranthene	**2.9**	0.16	mg/kg	**7.4**	**3.7**	0.76	0.72	0.67	**53**	0.033 U	0.034 U	1.4
Benzo[g,h,i]perylene	-	-	mg/kg	2	1.1	0.22 J	0.18 J	0.2 J	13	0.33 U	0.34 U	0.4
Benzo[k]fluoranthene	29	1.6	mg/kg	2.6	0.9	0.21	0.2	0.18	14	0.033 U	0.034 U	0.42
Bis(2-chloroethoxy)methane	250	19	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
Bis(2-chloroethyl)ether	1	0.23	mg/kg	0.17 U	0.068 U	0.034 U	0.034 U	0.034 U	0.34 U	0.033 U	0.034 U	0.034 U
Bis(2-ethylhexyl) phthalate	160	39	mg/kg	1.7 U	0.26 J	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
Butyl benzyl phthalate	1200	290	mg/kg	1.7 U	0.18 J	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U

Table 4. Summary of SemiVolatile Organic Compounds in Concrete
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location	CFPR02-GF-03	CFPR02-GF-04	CFPR03-BF-01	CFPR03-BF-02	CFPR03-BF-03	CFPR03-BF-04	CFPR03-BW-01	CFPR03-BW-04	CFPR03-GF-01
			Sample Name	CFPR02-GF-03-CO	CFPR02-GF-04-CO	CFPR03-BF-01-CO	CFPR03-BF-02-CO	CFPR03-BF-03-CO	CFPR03-BF-04-CO	CFPR03-BW-01-CO	CFPR03-BW-04-CO	CFPR03-GF-01-CO
			Sample Date	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/13/2017
			Sample Type	N	N	N	N	N	N	N	N	N
Analyte	EPA Industrial Soil RSL	EPA Residential Soil RSL	Unit									
1,1'-Biphenyl	20	4.7	mg/kg	1.7 U	0.68 U	0.056 J	0.032 J	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
Caprolactam	40000	3100	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
Carbazole	-	-	mg/kg	3.5	1.7	0.14 J	0.12 J	0.15 J	0.54 J	0.33 U	0.058 J	0.58
Chrysene	290	16	mg/kg	9.1	4	0.73	0.72	0.83	21	0.33 U	0.34 U	1.7
Dibenz(a,h)anthracene	**0.29**	0.016	mg/kg	0.17 U	**0.33**	0.034 U	0.034 U	0.034 U	**4**	0.033 U	0.034 U	0.12
Dibenzofuran	100	7.3	mg/kg	0.053 J	0.68 U	0.021 J	0.014 J	0.34 U	3.4 U	0.33 U	0.34 U	0.014 J
Diethyl phthalate	66000	5100	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
Dimethyl phthalate	-	-	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
Di-n-butyl phthalate	8200	630	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
Di-n-octyl phthalate	820	63	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
Fluoranthene	3000	240	mg/kg	20	8.8	1.4	1.4	1.9	21	0.81	0.86	4
Fluorene	3000	240	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
Hexachlorobenzene	0.96	0.21	mg/kg	0.17 U	0.068 U	0.034 U	0.034 U	0.034 U	0.34 U	0.033 U	0.034 U	0.034 U
Hexachlorobutadiene	5.3	1.2	mg/kg	0.34 U	0.14 U	0.069 U	0.069 U	0.069 U	0.69 U	0.068 U	0.068 U	0.068 U
Hexachlorocyclopentadiene	0.75	0.18	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
Hexachloroethane	8	1.8	mg/kg	0.17 U	0.068 U	0.034 U	0.034 U	0.034 U	0.34 U	0.033 U	0.034 U	0.034 U
Indeno[1,2,3-cd]pyrene	**2.9**	0.16	mg/kg	2.1	1.1	0.24	0.19	0.21	**12**	0.033 U	0.034 U	0.42
Isophorone	2400	570	mg/kg	0.68 U	2.8	0.14 U	0.14 U	0.14 U	1.4 U	0.13 U	0.14 U	0.14 U
Naphthalene	17	3.8	mg/kg	1.7 U	0.68 U	0.034 J	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
Nitrobenzene	22	5.1	mg/kg	0.17 U	0.068 U	0.034 U	0.034 U	0.034 U	0.34 U	0.033 U	0.034 U	0.034 U
N-Nitrosodi-n-propylamine	0.33	0.078	mg/kg	0.17 U	0.068 U	0.034 U	0.034 U	0.034 U	0.34 U	0.033 U	0.034 U	0.034 U
N-Nitrosodiphenylamine	470	110	mg/kg	1.7 U	0.68 U	0.34 U	0.34 U	0.34 U	3.4 U	0.33 U	0.34 U	0.34 U
Pentachlorophenol	4	1	mg/kg	1.4 U	0.55 R	0.27 U	0.27 U	0.27 R	2.8 U	0.27 U	0.27 R	0.27 U
Phenanthrene	-	-	mg/kg	5.8	2.1	0.47	0.47	0.7	2.1 J	0.28 J	0.25 J	1.5
Phenol	25000	1900	mg/kg	1.7 U	0.68 R	0.34 U	0.34 U	0.34 R	3.4 U	0.33 U	0.34 R	0.34 U
Pyrene	2300	180	mg/kg	14	5	0.73	0.62	0.72	21	0.14 J	0.13 J	2.2

J - Estimated value
J- - Estimated value, low bias
U - Indicates that the compound was analyzed for but not detected
R - Sample results rejected by validator
FD - Duplicate Sample
mg/kg - Milligrams per kilogram
Bold indicates exceedance of Environmental Protection Agency Industrial Soil Regional Screening Level
Shaded indicates exceedance of Environmental Protection Agency Residnetial Soil Regional Screening Level

Table 4. Summary of SemiVolatile Organic Compounds in Concrete
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location	CFPR03-GF-02	CFPR03-GF-03	CFPR03-GF-04	CFPR03-SS	CFPR04-BF-01	CFPR04-BF-02	CFPR04-BF-03	CFPR04-BF-04	CFPR04-BF-04
			Sample Name	CFPR03-GF-02-CO	CFPR03-GF-03-CO	CFPR03-GF-04-CO	CFPR03-SS-CO	CFPR04-BF-01-CO	CFPR04-BF-02-CO	CFPR04-BF-03-CO	CF-DUP041317-CO	CFPR04-BF-04-CO
			Sample Date	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/14/2017	04/14/2017	04/13/2017	04/13/2017	04/13/2017
			Sample Type	N	N	N	N	N	N	N	FD	N
Analyte	EPA Industrial Soil RSL	EPA Residential Soil RSL	Unit									
1,1'-Biphenyl	20	4.7	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
1,2,4,5-Tetrachlorobenzene	35	2.3	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
1,4-Dioxane	24	5.3	mg/kg	0.34 U	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
2,2'-oxybis[1-chloropropane]	4700	310	mg/kg	0.34 U	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
2,3,4,6-Tetrachlorophenol	2500	190	mg/kg	0.34 UJ	0.34 R	0.33 U	0.33 R	0.34 R	0.36 U	0.34 R	0.34 R	0.34 R
2,4,5-Trichlorophenol	8200	630	mg/kg	0.34 UJ	0.34 R	0.33 U	0.33 R	0.34 R	0.36 U	0.34 R	0.34 R	0.34 R
2,4,6-Trichlorophenol	82	6.3	mg/kg	0.14 UJ	0.14 R	0.13 U	0.13 R	0.14 R	0.14 U	0.14 R	0.14 R	0.14 R
2,4-Dichlorophenol	250	19	mg/kg	0.14 UJ	0.14 R	0.13 U	0.13 R	0.14 R	0.14 U	0.14 R	0.14 R	0.14 R
2,4-Dimethylphenol	1600	130	mg/kg	0.34 UJ	0.34 R	0.33 U	0.33 R	0.34 R	0.36 U	0.34 R	0.34 R	0.34 R
2,4-Dinitrophenol	160	13	mg/kg	0.27 R	0.27 R	0.27 U	0.27 R	0.27 R	0.29 U	0.27 R	0.27 R	0.28 R
2,4-Dinitrotoluene	7.4	1.7	mg/kg	0.068 UJ	0.068 U	0.068 U	0.068 U	0.069 U	0.072 U	0.069 U	0.069 U	0.07 U
2,6-Dinitrotoluene	1.5	0.36	mg/kg	0.068 UJ	0.068 U	0.068 U	0.068 U	0.069 U	0.072 U	0.069 U	0.069 U	0.07 U
2-Chloronaphthalene	6000	480	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
2-Chlorophenol	580	39	mg/kg	0.34 UJ	0.34 R	0.33 U	0.33 R	0.34 R	0.36 U	0.34 R	0.34 R	0.34 R
2-Methylnaphthalene	300	24	mg/kg	0.017 J	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
2-Methylphenol	4100	320	mg/kg	0.34 UJ	0.34 R	0.33 U	0.33 R	0.34 R	0.36 U	0.34 R	0.34 R	0.34 R
2-Nitroaniline	800	63	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
2-Nitrophenol	-	-	mg/kg	0.34 UJ	0.34 R	0.33 U	0.33 R	0.34 R	0.36 U	0.34 R	0.34 R	0.34 R
3 & 4 Methylphenol	-	-	mg/kg	0.34 UJ	0.34 R	0.33 U	0.33 R	0.34 R	0.36 U	0.34 R	0.34 R	0.34 R
3,3'-Dichlorobenzidine	5.1	1.2	mg/kg	0.14 UJ	0.14 U	0.13 U	0.13 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
3-Nitroaniline	-	-	mg/kg	0.34 U	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
4,6-Dinitro-2-methylphenol	6.6	0.51	mg/kg	0.27 UJ	0.27 R	0.27 U	0.27 R	0.27 R	0.29 U	0.27 R	0.27 R	0.28 R
4-Bromophenyl phenyl ether	-	-	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
4-Chloro-3-methylphenol	8200	630	mg/kg	0.34 UJ	0.34 R	0.33 U	0.33 R	0.34 R	0.36 U	0.34 R	0.34 R	0.34 R
4-Chloroaniline	11	2.7	mg/kg	0.34 U	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
4-Chlorophenyl phenyl ether	-	-	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
4-Nitroaniline	110	25	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
4-Nitrophenol	-	-	mg/kg	0.68 UJ	0.68 R	0.68 U	0.68 R	0.69 R	0.72 U	0.69 R	0.69 R	0.7 R
Acenaphthene	4500	360	mg/kg	0.015 J	0.012 J	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
Acenaphthylene	-	-	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
Acetophenone	12000	780	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
Anthracene	23000	1800	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
Atrazine	10	2.4	mg/kg	0.14 U	0.14 U	0.13 U	0.13 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
Benzaldehyde	820	170	mg/kg	0.34 U	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
Benzo[a]anthracene	**2.9**	0.16	mg/kg	0.36 J	0.42	0.11	0.033 U	0.09	0.036 U	0.19	1.5	2.2
Benzo[a]pyrene	**0.29**	0.016	mg/kg	0.18 J-	0.25	0.054	0.033 U	0.089	0.066	0.068	**0.62**	**0.95**
Benzo[b]fluoranthene	**2.9**	0.16	mg/kg	1.3 J-	1.4	0.42	0.075	0.24	0.45	0.59	**3.3**	**4.9**
Benzo[g,h,i]perylene	-	-	mg/kg	0.28 J	0.48	0.085 J	0.33 U	0.084 J	0.071 J	0.1 J	0.65	0.97
Benzo[k]fluoranthene	29	1.6	mg/kg	0.31 J	0.39	0.13	0.033 U	0.08	0.11	0.14	0.91	1.1
Bis(2-chloroethoxy)methane	250	19	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
Bis(2-chloroethyl)ether	1	0.23	mg/kg	0.034 UJ	0.034 U	0.033 U	0.033 U	0.034 U	0.036 U	0.034 U	0.034 U	0.034 U
Bis(2-ethylhexyl) phthalate	160	39	mg/kg	0.34 UJ	0.13 J	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
Butyl benzyl phthalate	1200	290	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U

Table 4. Summary of SemiVolatile Organic Compounds in Concrete
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location	CFPR03-GF-02	CFPR03-GF-03	CFPR03-GF-04	CFPR03-SS	CFPR04-BF-01	CFPR04-BF-02	CFPR04-BF-03	CFPR04-BF-04	CFPR04-BF-04
			Sample Name	CFPR03-GF-02-CO	CFPR03-GF-03-CO	CFPR03-GF-04-CO	CFPR03-SS-CO	CFPR04-BF-01-CO	CFPR04-BF-02-CO	CFPR04-BF-03-CO	CF-DUP041317-CO	CFPR04-BF-04-CO
			Sample Date	04/13/2017	04/13/2017	04/13/2017	04/13/2017	04/14/2017	04/14/2017	04/13/2017	04/13/2017	04/13/2017
			Sample Type	N	N	N	N	N	N	N	FD	N
Analyte	EPA Industrial Soil RSL	EPA Residential Soil RSL	Unit									
1,1'-Biphenyl	20	4.7	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
Caprolactam	40000	3100	mg/kg	0.34 U	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
Carbazole	-	-	mg/kg	0.45 J	0.56	0.18 J	0.097 J	0.098 J	0.047 J	0.037 J	0.077 J	0.1 J
Chrysene	290	16	mg/kg	1.5 J	1.6	0.57	0.12 J	0.29 J	0.41	0.48	1.6	2.4
Dibenz(a,h)anthracene	**0.29**	0.016	mg/kg	0.085	0.16	0.033 U	0.033 U	0.034 U	0.036 U	0.034 U	0.25	**0.36**
Dibenzofuran	100	7.3	mg/kg	0.03 J	0.024 J	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
Diethyl phthalate	66000	5100	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
Dimethyl phthalate	-	-	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
Di-n-butyl phthalate	8200	630	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
Di-n-octyl phthalate	820	63	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
Fluoranthene	3000	240	mg/kg	4.7 J	5.4	2.2	1.2	1.4	0.62	0.94	2.7	3.7
Fluorene	3000	240	mg/kg	0.014 J	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
Hexachlorobenzene	0.96	0.21	mg/kg	0.034 U	0.034 U	0.033 U	0.033 U	0.034 U	0.036 U	0.034 U	0.034 U	0.034 U
Hexachlorobutadiene	5.3	1.2	mg/kg	0.068 UJ	0.068 U	0.068 U	0.068 U	0.069 U	0.072 U	0.069 U	0.069 U	0.07 U
Hexachlorocyclopentadiene	0.75	0.18	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
Hexachloroethane	8	1.8	mg/kg	0.034 UJ	0.034 U	0.033 U	0.033 U	0.034 U	0.036 U	0.034 U	0.034 U	0.034 U
Indeno[1,2,3-cd]pyrene	**2.9**	0.16	mg/kg	0.34	0.51	0.11	0.033 U	0.09	0.091	0.1	0.66	0.98
Isophorone	2400	570	mg/kg	0.14 UJ	0.12 J	0.13 U	0.13 U	0.14 U	0.43	0.14 U	0.14 U	0.14 U
Naphthalene	17	3.8	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
Nitrobenzene	22	5.1	mg/kg	0.034 UJ	0.034 U	0.033 U	0.033 U	0.034 U	0.036 U	0.034 U	0.034 U	0.034 U
N-Nitrosodi-n-propylamine	0.33	0.078	mg/kg	0.034 UJ	0.034 U	0.033 U	0.033 U	0.034 U	0.036 U	0.034 U	0.034 U	0.034 U
N-Nitrosodiphenylamine	470	110	mg/kg	0.34 UJ	0.34 U	0.33 U	0.33 U	0.34 U	0.36 U	0.34 U	0.34 U	0.34 U
Pentachlorophenol	4	1	mg/kg	0.27 UJ	0.27 R	0.27 U	0.27 R	0.27 R	0.29 U	0.27 R	0.27 R	0.28 R
Phenanthrene	-	-	mg/kg	2.2 J	2.3	1.1	0.63	0.6	0.22 J	0.33 J	0.59	0.83
Phenol	25000	1900	mg/kg	0.34 UJ	0.34 R	0.33 U	0.33 R	0.34 R	0.36 U	0.34 R	0.34 R	0.34 R
Pyrene	2300	180	mg/kg	1.8 J-	2.2	0.82	0.21 J	0.42	0.28 J	0.44	2.2	3.4

J - Estimated value
J- - Estimated value, low bias
U - Indicates that the compound was analyzed for but not detected
R - Sample results rejected by validator
FD - Duplicate Sample
mg/kg - Milligrams per kilogram
Bold indicates exceedance of Environmental Protection Agency Industrial Soil Regional Screening Level
Shaded indicates exceedance of Environmental Protection Agency Residnetial Soil Regional Screening Level

Table 4. Summary of SemiVolatile Organic Compounds in Concrete
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location	CFPR04-BW-01	CFPR04-BW-04	CFPR04-GF-01	CFPR04-GF-02	CFPR04-GF-03	CFPR04-GF-04
			Sample Name	CFPR04-BW-01-CO	CFPR04-BW-04-CO	CFPR04-GF-01-CO	CFPR04-GF-02-CO	CFPR04-GF-03-CO	CFPR04-GF-04-CO
			Sample Date	04/14/2017	04/13/2017	04/14/2017	04/14/2017	04/14/2017	04/14/2017
			Sample Type	N	N	N	N	N	N
Analyte	EPA Industrial Soil RSL	EPA Residential Soil RSL	Unit						
1,1'-Biphenyl	20	4.7	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
1,2,4,5-Tetrachlorobenzene	35	2.3	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
1,4-Dioxane	24	5.3	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
2,2'-oxybis[1-chloropropane]	4700	310	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
2,3,4,6-Tetrachlorophenol	2500	190	mg/kg	0.35 U	0.34 R	0.33 U	0.34 U	0.33 U	0.33 U
2,4,5-Trichlorophenol	8200	630	mg/kg	0.35 U	0.34 R	0.33 U	0.34 U	0.33 U	0.33 U
2,4,6-Trichlorophenol	82	6.3	mg/kg	0.14 U	0.14 R	0.13 U	0.14 U	0.13 U	0.13 U
2,4-Dichlorophenol	250	19	mg/kg	0.14 U	0.14 R	0.13 U	0.14 U	0.13 U	0.13 U
2,4-Dimethylphenol	1600	130	mg/kg	0.35 U	0.34 R	0.33 U	0.34 U	0.33 U	0.33 U
2,4-Dinitrophenol	160	13	mg/kg	0.28 U	0.27 R	0.27 U	0.27 U	0.27 U	0.27 U
2,4-Dinitrotoluene	7.4	1.7	mg/kg	0.071 U	0.068 U	0.068 U	0.068 U	0.068 U	0.068 U
2,6-Dinitrotoluene	1.5	0.36	mg/kg	0.071 U	0.068 U	0.068 U	0.068 U	0.068 U	0.068 U
2-Chloronaphthalene	6000	480	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
2-Chlorophenol	580	39	mg/kg	0.35 U	0.34 R	0.33 U	0.34 U	0.33 U	0.33 U
2-Methylnaphthalene	300	24	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.0075 J
2-Methylphenol	4100	320	mg/kg	0.35 U	0.34 R	0.33 U	0.34 U	0.33 U	0.33 U
2-Nitroaniline	800	63	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
2-Nitrophenol	-	-	mg/kg	0.35 U	0.34 R	0.33 U	0.34 U	0.33 U	0.33 U
3 & 4 Methylphenol	-	-	mg/kg	0.35 U	0.34 R	0.33 U	0.34 U	0.33 U	0.33 U
3,3'-Dichlorobenzidine	5.1	1.2	mg/kg	0.14 U	0.14 U	0.13 U	0.14 U	0.13 U	0.13 U
3-Nitroaniline	-	-	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
4,6-Dinitro-2-methylphenol	6.6	0.51	mg/kg	0.28 U	0.27 R	0.27 U	0.27 U	0.27 U	0.27 U
4-Bromophenyl phenyl ether	-	-	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
4-Chloro-3-methylphenol	8200	630	mg/kg	0.35 U	0.34 R	0.33 U	0.34 U	0.33 U	0.33 U
4-Chloroaniline	11	2.7	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
4-Chlorophenyl phenyl ether	-	-	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
4-Nitroaniline	110	25	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
4-Nitrophenol	-	-	mg/kg	0.71 U	0.68 R	0.68 U	0.68 U	0.68 U	0.68 U
Acenaphthene	4500	360	mg/kg	0.35 U	0.34 U	0.02 J	0.34 U	0.33 U	0.33 U
Acenaphthylene	-	-	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
Acetophenone	12000	780	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
Anthracene	23000	1800	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
Atrazine	10	2.4	mg/kg	0.14 U	0.14 U	0.13 U	0.14 U	0.13 U	0.13 U
Benzaldehyde	820	170	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
Benzo[a]anthracene	**2.9**	0.16	mg/kg	0.23	0.034 U	0.62	0.39	0.18	0.22
Benzo[a]pyrene	**0.29**	0.016	mg/kg	0.21	0.034 U	**0.6**	0.17	0.096	**0.55**
Benzo[b]fluoranthene	**2.9**	0.16	mg/kg	0.78	0.034 U	2	1.4	0.83	1.1
Benzo[g,h,i]perylene	-	-	mg/kg	0.22 J	0.34 U	1	0.55	0.23 J	0.35
Benzo[k]fluoranthene	29	1.6	mg/kg	0.2	0.034 U	0.59	0.44	0.26	0.33
Bis(2-chloroethoxy)methane	250	19	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
Bis(2-chloroethyl)ether	1	0.23	mg/kg	0.035 U	0.034 U	0.033 U	0.034 U	0.033 U	0.033 U
Bis(2-ethylhexyl) phthalate	160	39	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.15 J
Butyl benzyl phthalate	1200	290	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U

Table 4. Summary of SemiVolatile Organic Compounds in Concrete
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location	CFPR04-BW-01	CFPR04-BW-04	CFPR04-GF-01	CFPR04-GF-02	CFPR04-GF-03	CFPR04-GF-04
			Sample Name	CFPR04-BW-01-CO	CFPR04-BW-04-CO	CFPR04-GF-01-CO	CFPR04-GF-02-CO	CFPR04-GF-03-CO	CFPR04-GF-04-CO
			Sample Date	04/14/2017	04/13/2017	04/14/2017	04/14/2017	04/14/2017	04/14/2017
			Sample Type	N	N	N	N	N	N
Analyte	EPA Industrial Soil RSL	EPA Residential Soil RSL	Unit						
1,1'-Biphenyl	20	4.7	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
Caprolactam	40000	3100	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
Carbazole	-	-	mg/kg	0.098 J	0.34 U	0.55	0.52	0.34	0.35
Chrysene	290	16	mg/kg	0.75	0.079 J	2	1.6	1	1.5
Dibenz(a,h)anthracene	**0.29**	0.016	mg/kg	0.035 U	0.034 U	0.29	0.034 U	0.095	0.033 U
Dibenzofuran	100	7.3	mg/kg	0.014 J	0.34 U	0.029 J	0.019 J	0.024 J	0.032 J
Diethyl phthalate	66000	5100	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
Dimethyl phthalate	-	-	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
Di-n-butyl phthalate	8200	630	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
Di-n-octyl phthalate	820	63	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
Fluoranthene	3000	240	mg/kg	1.3	0.35	5.3	4.8	4	5.2
Fluorene	3000	240	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
Hexachlorobenzene	0.96	0.21	mg/kg	0.035 U	0.034 U	0.033 U	0.034 U	0.033 U	0.033 U
Hexachlorobutadiene	5.3	1.2	mg/kg	0.071 U	0.068 U	0.068 U	0.068 U	0.068 U	0.068 U
Hexachlorocyclopentadiene	0.75	0.18	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
Hexachloroethane	8	1.8	mg/kg	0.035 U	0.034 U	0.033 U	0.034 U	0.033 U	0.033 U
Indeno[1,2,3-cd]pyrene	**2.9**	0.16	mg/kg	0.23	0.034 U	1	0.55	0.26	0.37
Isophorone	2400	570	mg/kg	0.14 U	0.14 U	0.13 U	0.14 U	0.13 U	0.13 U
Naphthalene	17	3.8	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
Nitrobenzene	22	5.1	mg/kg	0.035 U	0.034 U	0.033 U	0.034 U	0.033 U	0.033 U
N-Nitrosodi-n-propylamine	0.33	0.078	mg/kg	0.035 U	0.034 U	0.033 U	0.034 U	0.033 U	0.033 U
N-Nitrosodiphenylamine	470	110	mg/kg	0.35 U	0.34 U	0.33 U	0.34 U	0.33 U	0.33 U
Pentachlorophenol	4	1	mg/kg	0.28 U	0.27 R	0.27 U	0.27 U	0.27 U	0.27 U
Phenanthrene	-	-	mg/kg	0.41	0.11 J	2.6	2.2	2.4	2.6
Phenol	25000	1900	mg/kg	0.35 U	0.34 R	0.33 U	0.09 J	0.33 U	0.33 U
Pyrene	2300	180	mg/kg	0.64	0.06 J	2.2	1.8	1.4	1.4

J - Estimated value
J- - Estimated value, low bias
U - Indicates that the compound was analyzed for but not detected
R - Sample results rejected by validator
FD - Duplicate Sample
mg/kg - Milligrams per kilogram
Bold indicates exceedance of Environmental Protection Agency Industrial Soil Regional Screening Level
Shaded indicates exceedance of Environmental Protection Agency Residnetial Soil Regional Screening Level

Table 5. Summary of SemiVolatile Organic Compounds in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR02-BF-01	CFPR02-BF-02	CFPR02-BF-03	CFPR02-BF-04	CFPR02-BF-04	CFPR02-BW-01	CFPR02-BW-04	CFPR02-GF-01	CFPR02-GF-02	CFPR02-GF-03	CFPR02-GF-04
			Sample Date:	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/13/2017	4/13/2017
			Sample Type:	N	N	N	N	FD	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit											
1,1'-Biphenyl	-	0.083	ug/l	0.63 U	0.64 J	0.63 U	0.63 U	0.63 U	0.93 J	1.8 J	1.3 U	1.3 U	0.63 U	0.63 U
1,2,4,5-Tetrachlorobenzene	-	0.17	ug/l	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.86 U	0.86 U	0.43 U	0.43 U
1,4-Dioxane	-	0.46	ug/l	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	6.2 U	6.2 U	3.1 U	3.1 U
2,2'-oxybis[1-chloropropane]	-	-	ug/l	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	1.9 U	1.9 U	0.93 U	0.93 U
2,3,4,6-Tetrachlorophenol	-	24	ug/l	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	1.4 U	1.4 U	0.69 U	0.69 U
2,4,5-Trichlorophenol	-	120	ug/l	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.98 U	0.98 U	0.49 U	0.49 U
2,4,6-Trichlorophenol	-	1.2	ug/l	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	1.1 U	1.1 U	0.53 U	0.53 U
2,4-Dichlorophenol	-	4.6	ug/l	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	1.3 U	1.3 U	0.63 U	0.63 U
2,4-Dimethylphenol	-	36	ug/l	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	1.8 U	1.8 U	0.91 U	0.91 U
2,4-Dinitrophenol	-	3.9	ug/l	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	4.7 U	4.7 U	2.4 U	2.4 U
2,4-Dinitrotoluene	-	0.24	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.1 U	2.1 U	1 U	1 U
2,6-Dinitrotoluene	-	0.049	ug/l	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	1.8 U	1.8 U	0.88 U	0.88 U
2-Chloronaphthalene	-	-	ug/l	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	1.2 U	1.2 U	0.61 U	0.61 U
2-Chlorophenol	-	9.1	ug/l	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	1.5 U	1.5 U	0.74 U	0.74 U
2-Methylnaphthalene	-	3.6	ug/l	2.5 J	13	1.2 J	0.88 UJ	4.6 J	4.4 J	39	1.8 U	4 J	1.4 J	0.88 U
2-Methylphenol	-	-	ug/l	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	2.6 U	2.6 U	1.3 U	1.3 U
2-Nitroaniline	-	19	ug/l	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	1.3 U	1.3 U	0.65 U	0.65 U
2-Nitrophenol	-	-	ug/l	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	1.2 J	1.2 U	1.2 U	0.59 U	0.59 U
3 & 4 Methylphenol	-	-	ug/l	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	1.8 U	1.8 U	0.88 U	0.88 U
3,3'-Dichlorobenzidine	-	0.13	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.1 U	2.1 U	1 U	1 U
3-Nitroaniline	-	-	ug/l	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	1.6 U	1.6 U	0.82 U	0.82 U
4,6-Dinitro-2-methylphenol	-	-	ug/l	2 U	2 U	2 U	2 U	2 U	2 U	2 U	4 U	4 U	2 U	2 U
4-Bromophenyl phenyl ether	-	-	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2 U	1 U	1 U
4-Chloro-3-methylphenol	-	-	ug/l	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	1.5 U	1.5 U	0.76 U	0.76 U
4-Chloroaniline	-	0.37	ug/l	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	1.5 U	1.5 U	0.73 U	0.73 U
4-Chlorophenyl phenyl ether	-	-	ug/l	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	1.9 U	1.9 U	0.96 U	0.96 U
4-Nitroaniline	-	3.8	ug/l	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U	0.96 U	0.48 U	0.48 U
4-Nitrophenol	-	-	ug/l	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	9.3 U	9.3 U	4.7 U	4.7 U
Acenaphthene	-	53	ug/l	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	1.9 J	1.8 U	1.8 U	0.88 U	0.88 U
Acenaphthylene	-	-	ug/l	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	1.3 U	1.3 U	0.65 U	0.65 U
Acetophenone	-	190	ug/l	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.4 J-	2.1 UJ	2.1 UJ	1.3 J	1 U
Anthracene	-	180	ug/l	0.57 U	0.68 J	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	1.1 U	1.1 U	11	0.57 U
Atrazine	3	0.3	ug/l	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	1.5 U	1.5 U	0.77 U	0.77 U
Benzaldehyde	-	190	ug/l	0.86 U	0.86 U	0.86 U	0.86 U	0.86 U	0.86 U	0.86 U	1.7 U	1.7 U	1.3 J	0.86 U
Benzo[a]anthracene	-	-	ug/l	0.55 U	0.55 U	1.8	0.55 U	0.55 U	0.55 U	0.55 U	1.1 U	1.1 U	2.1	0.55 U
Benzo[a]pyrene	0.2	0.0034	ug/l	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U	0.32 U	0.16 U	0.16 U
Benzo[b]fluoranthene	-	0.034	ug/l	0.44 U	0.44 U	1.1	0.44 U	0.44 U	0.44 U	0.44 U	0.88 U	0.88 U	0.44 U	0.44 U
Benzo[g,h,i]perylene	-	-	ug/l	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	1.5 U	1.5 U	0.75 U	0.75 U
Benzo[k]fluoranthene	-	0.34	ug/l	0.18 U	0.18 U	0.27 J	0.18 U	0.18 U	0.18 U	0.18 U	0.36 U	0.36 U	0.18 U	0.18 U
Bis(2-chloroethoxy)methane	-	5.9	ug/l	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	1.4 U	1.4 U	0.69 U	0.69 U
Bis(2-chloroethyl)ether	-	0.014	ug/l	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.24 U	0.24 U	0.12 U	0.12 U

Table 5. Summary of SemiVolatile Organic Compounds in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR02-BF-01	CFPR02-BF-02	CFPR02-BF-03	CFPR02-BF-04	CFPR02-BF-04	CFPR02-BW-01	CFPR02-BW-04	CFPR02-GF-01	CFPR02-GF-02	CFPR02-GF-03	CFPR02-GF-04
			Sample Date:	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/13/2017	4/13/2017
			Sample Type:	N	N	N	N	FD	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit											
1,1'-Biphenyl	-	0.083	ug/l	0.63 U	0.64 J	0.63 U	0.63 U	0.63 U	0.93 J	1.8 J	1.3 U	1.3 U	0.63 U	0.63 U
Bis(2-ethylhexyl) phthalate	5.6	6	ug/l	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	1.4 U	1.4 U	0.72 U	0.72 U
Butyl benzyl phthalate	-	16	ug/l	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	1.2 U	1.2 U	0.6 U	0.6 U
Caprolactam	-	990	ug/l	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	2.1 U	2.1 U	1.1 U	1.1 U
Carbazole	-	-	ug/l	2.9 J	11	26	20	20	6.2 J	3.1 J	120	110	150	84
Chrysene	-	3.4	ug/l	0.67 U	0.67 U	2.1	0.67 U	0.95 J	0.67 U	0.67 U	1.3 U	1.3 U	0.67 U	1.4 J
Dibenz(a,h)anthracene	-	0.0034	ug/l	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.18 U	0.18 U	0.09 U	0.09 U
Dibenzofuran	-	0.79	ug/l	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	1.7 U	1.7 U	0.85 U	0.85 U
Diethyl phthalate	-	-	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	2 U	1 U	1 U
Dimethyl phthalate	-	-	ug/l	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	2 U	2 U	0.98 U	0.98 U
Di-n-butyl phthalate	-	-	ug/l	0.82 UJ	0.82 UJ	0.82 UJ	0.82 UJ	0.82 UJ	0.82 UJ	0.82 UJ	1.6 UJ	1.6 UJ	0.82 U	0.82 U
Di-n-octyl phthalate	-	20	ug/l	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	1.4 U	1.4 U	0.69 U	0.69 U
Fluoranthene	-	80	ug/l	1.5 J	2.2 J	10	3.8 J	2.8 J	1.3 J	0.72 U	14 J	12 J	15	8.2 J
Fluorene	-	29	ug/l	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.85 J	2 J	1.6 U	1.6 U	1.1 J	0.8 U
Hexachlorobenzene	1	0.0098	ug/l	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.94 U	0.94 U	0.47 U	0.47 U
Hexachlorobutadiene	-	0.14	ug/l	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	1.5 U	1.5 U	0.76 U	0.76 U
Hexachlorocyclopentadiene	50	0.041	ug/l	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	1.2 U	1.2 U	0.61 UJ	0.61 UJ
Hexachloroethane	-	0.33	ug/l	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.18 U	0.18 U	0.09 U	0.09 U
Indeno[1,2,3-cd]pyrene	-	0.034	ug/l	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.42 U	0.42 U	0.21 U	0.21 U
Isophorone	-	78	ug/l	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	1.3 U	1.3 U	0.67 U	0.67 U
Naphthalene	-	0.17	ug/l	6.5 J	22	0.8 U	0.8 UJ	2.7 J	2.1 J	19	3.3 J	2.6 J	2 J	1.2 J
Nitrobenzene	-	0.14	ug/l	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.98 U	0.98 U	0.49 U	0.49 U
N-Nitrosodi-n-propylamine	-	0.011	ug/l	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	1.7 U	1.7 U	0.83 U	0.83 U
N-Nitrosodiphenylamine	-	12	ug/l	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	1.5 U	1.5 U	0.74 U	0.74 U
Pentachlorophenol	1	0.041	ug/l	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	4.4 U	4.4 U	2.2 U	2.2 U
Phenanthrene	-	-	ug/l	0.65 U	1.5 J	4 J	1.4 J	0.65 UJ	2.1 J	3.7 J	9.4 J	8.3 J	14	6.4 J
Phenol	-	580	ug/l	0.41 U	0.41 U	5.1 J	0.41 U	0.41 U	0.41 U	0.41 U	0.82 U	1.3 J	0.41 U	0.41 U
Pyrene	-	12	ug/l	1.1 J	1.3 J	9.2 J	2.5 J	2.3 J	0.83 U	0.83 U	7.3 J	6.3 J	8.9 J-	2.9 J-

J+ - Estimated value, high bias
J- - Estimated value, low bias
T - Indicates that a quality control parameter has exceeded laboratory limits
U - Indicates that the compound was analyzed for but not detected
R - Sample results rejected by validator
µg/L -Micrograms per liter
Bold indicates exceedance of Environmental Protection Agency Risk
Based Screening Level Drinking water MCL
Shaded indicates exceedance of Environmental Protection Agency Risk
Based Screening Level Tapwater RSL

Table 5. Summary of SemiVolatile Organic Compounds in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR03-BF-01	CFPR03-BF-02	CFPR03-BF-03	CFPR03-BF-04	CFPR03-BW-01	CFPR03-BW-04	CFPR03-GF-01	CFPR03-GF-02	CFPR03-GF-03	CFPR03-GF-04	CFPR03-SS
			Sample Date:	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017
			Sample Type:	N	N	N	N	N	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit											
1,1'-Biphenyl	-	0.083	ug/l	2.7 J	1.1 J	1.9 J	0.63 U	0.63 J	0.63 U	0.63 U	0.64 J	0.87 J	0.63 U	1.8 J
1,2,4,5-Tetrachlorobenzene	-	0.17	ug/l	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
1,4-Dioxane	-	0.46	ug/l	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 UJ	3.1 U	3.1 U	3.1 U	3.1 U
2,2'-oxybis[1-chloropropane]	-	-	ug/l	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U
2,3,4,6-Tetrachlorophenol	-	24	ug/l	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
2,4,5-Trichlorophenol	-	120	ug/l	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
2,4,6-Trichlorophenol	-	1.2	ug/l	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
2,4-Dichlorophenol	-	4.6	ug/l	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U
2,4-Dimethylphenol	-	36	ug/l	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	1.8 J	0.91 U	0.91 U	0.91 U
2,4-Dinitrophenol	-	3.9	ug/l	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
2,4-Dinitrotoluene	-	0.24	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,6-Dinitrotoluene	-	0.049	ug/l	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
2-Chloronaphthalene	-	-	ug/l	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
2-Chlorophenol	-	9.1	ug/l	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U
2-Methylnaphthalene	-	3.6	ug/l	18	28	36	0.88 U	3.8 J	3 J	0.88 U	4.8 J	8.1 J	1.5 J	10
2-Methylphenol	-	-	ug/l	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
2-Nitroaniline	-	19	ug/l	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
2-Nitrophenol	-	-	ug/l	0.59 U	0.59 U	0.59 U	0.59 U	0.77 J	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.79 J
3 & 4 Methylphenol	-	-	ug/l	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
3,3'-Dichlorobenzidine	-	0.13	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 R	1 U	1 U	1 U
3-Nitroaniline	-	-	ug/l	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 UJ	0.82 U	0.82 U	0.82 U
4,6-Dinitro-2-methylphenol	-	-	ug/l	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Bromophenyl phenyl ether	-	-	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	-	-	ug/l	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U
4-Chloroaniline	-	0.37	ug/l	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 UJ	0.73 U	0.73 U	0.73 U
4-Chlorophenyl phenyl ether	-	-	ug/l	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
4-Nitroaniline	-	3.8	ug/l	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 UJ	0.48 U	0.48 U	0.48 U
4-Nitrophenol	-	-	ug/l	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
Acenaphthene	-	53	ug/l	4 J	1.5 J	1.9 J	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.9 J	0.88 U	6 J
Acenaphthylene	-	-	ug/l	1.6 J	0.68 J	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	1.6 J
Acetophenone	-	190	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1.3 J	1 U	1 U	1 U	1 U
Anthracene	-	180	ug/l	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.83 J	0.57 U	0.57 U	0.57 U	0.57 U	1.6 J
Atrazine	3	0.3	ug/l	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U
Benzaldehyde	-	190	ug/l	0.86 U	0.86 U	0.86 U	0.86 U	0.91 J	0.86 U	0.86 U	0.86 U	0.86 U	0.86 U	0.86 U
Benzo[a]anthracene	-	-	ug/l	0.55 U	0.55 U	0.55 U	2.5	0.55 U	0.55 U	0.55 U	1.1	0.55 U	0.55 U	0.55 U
Benzo[a]pyrene	0.2	0.0034	ug/l	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Benzo[b]fluoranthene	-	0.034	ug/l	0.44 U	0.44 U	0.44 U	2.5	0.44 U	0.44 U	0.44 U	0.62 J-	0.44 U	0.44 U	0.44 U
Benzo[g,h,i]perylene	-	-	ug/l	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Benzo[k]fluoranthene	-	0.34	ug/l	0.18 U	0.18 U	0.18 U	1	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Bis(2-chloroethoxy)methane	-	5.9	ug/l	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Bis(2-chloroethyl)ether	-	0.014	ug/l	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U

Table 5. Summary of SemiVolatile Organic Compounds in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR03-BF-01	CFPR03-BF-02	CFPR03-BF-03	CFPR03-BF-04	CFPR03-BW-01	CFPR03-BW-04	CFPR03-GF-01	CFPR03-GF-02	CFPR03-GF-03	CFPR03-GF-04	CFPR03-SS
			Sample Date:	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017
			Sample Type:	N	N	N	N	N	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit											
1,1'-Biphenyl	-	0.083	ug/l	2.7 J	1.1 J	1.9 J	0.63 U	0.63 J	0.63 U	0.63 U	0.64 J	0.87 J	0.63 U	1.8 J
Bis(2-ethylhexyl) phthalate	5.6	6	ug/l	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
Butyl benzyl phthalate	-	16	ug/l	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
Caprolactam	-	990	ug/l	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Carbazole	-	-	ug/l	9.9 J	8.5 J	17	25	8.3 J	4.9 J	95	31	43	18	6.4 J
Chrysene	-	3.4	ug/l	0.67 U	0.67 U	0.67 U	2.9	0.67 U	0.67 U	0.67 U	1.4 J	0.67 U	0.67 U	0.67 U
Dibenz(a,h)anthracene	-	0.0034	ug/l	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
Dibenzofuran	-	0.79	ug/l	1.8 J	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	2.1 J
Diethyl phthalate	-	-	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	3.6 J	1 U	1 U
Dimethyl phthalate	-	-	ug/l	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Di-n-butyl phthalate	-	-	ug/l	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
Di-n-octyl phthalate	-	20	ug/l	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Fluoranthene	-	80	ug/l	3.3 J	1.5 J	2.2 J	8.9 J	1.5 J	0.96 J	9.4 J-	5.1 J	3.9 J	2.7 J	2.9 J
Fluorene	-	29	ug/l	3.9 J	1.4 J	2.4 J	0.8 U	1.1 J	0.8 U	0.8 U	0.8 U	1.3 J	0.8 U	4.3 J
Hexachlorobenzene	1	0.0098	ug/l	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Hexachlorobutadiene	-	0.14	ug/l	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U
Hexachlorocyclopentadiene	50	0.041	ug/l	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 UJ	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
Hexachloroethane	-	0.33	ug/l	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
Indeno[1,2,3-cd]pyrene	-	0.034	ug/l	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Isophorone	-	78	ug/l	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Naphthalene	-	0.17	ug/l	29	48	18	0.8 U	2.4 J	3.7 J	2.2 J	4.5 J	5.2 J	1.2 J	39
Nitrobenzene	-	0.14	ug/l	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
N-Nitrosodi-n-propylamine	-	0.011	ug/l	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 UJ	0.83 U	0.83 U	0.83 U
N-Nitrosodiphenylamine	-	12	ug/l	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U
Pentachlorophenol	1	0.041	ug/l	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Phenanthrene	-	-	ug/l	6.9 J	3.3 J	6.4 J	3.3 J	3.2 J	1.3 J	10	6.6 J	6.9 J	3.3 J	8.2 J
Phenol	-	580	ug/l	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	2.2 J	0.41 U	1.4 J	0.41 U	0.86 J
Pyrene	-	12	ug/l	1.8 J-	0.84 J-	0.83 UJ	8.4 J-	0.83 UJ	0.83 UJ	6 J	2.8 J	2.1 J-	0.94 J-	2.1 J-

J+ - Estimated value, high bias
J- - Estimated value, low bias
T - Indicates that a quality control parameter has exceeded laboratory limits
U - Indicates that the compound was analyzed for but not detected
R - Sample results rejected by validator
µg/L -Micrograms per liter
Bold indicates exceedance of Environmental Protection Agency Risk
Based Screening Level Drinking water MCL
Shaded indicates exceedance of Environmental Protection Agency Risk
Based Screening Level Tapwater RSL

Table 5. Summary of SemiVolatile Organic Compounds in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR04-BF-01	CFPR04-BF-02	CFPR04-BF-03	CFPR04-BF-04	CFPR04-BF-04	CFPR04-BW-01	CFPR04-BW-04	CFPR04-GF-01	CFPR04-GF-02	CFPR04-GF-03	CFPR04-GF-04
			Sample Date:	4/14/2017	4/14/2017	4/13/2017	4/13/2017	4/13/2017	4/14/2017	4/13/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017
			Sample Type:	N	N	N	N	FD	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit											
1,1'-Biphenyl	-	0.083	ug/l	0.63 U	0.63 U	0.63 U	1.9 J	2.3 J	0.88 J	0.84 J	1.3 J	0.73 J	0.63 U	0.63 U
1,2,4,5-Tetrachlorobenzene	-	0.17	ug/l	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
1,4-Dioxane	-	0.46	ug/l	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U
2,2'-oxybis[1-chloropropane]	-	-	ug/l	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U
2,3,4,6-Tetrachlorophenol	-	24	ug/l	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
2,4,5-Trichlorophenol	-	120	ug/l	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
2,4,6-Trichlorophenol	-	1.2	ug/l	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
2,4-Dichlorophenol	-	4.6	ug/l	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U
2,4-Dimethylphenol	-	36	ug/l	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U
2,4-Dinitrophenol	-	3.9	ug/l	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
2,4-Dinitrotoluene	-	0.24	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,6-Dinitrotoluene	-	0.049	ug/l	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
2-Chloronaphthalene	-	-	ug/l	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
2-Chlorophenol	-	9.1	ug/l	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U
2-Methylnaphthalene	-	3.6	ug/l	0.88 U	1.2 J	2.3 J	16	11	9.5 J	29	3.2 J	4.1 J	2.2 J	2.4 J
2-Methylphenol	-	-	ug/l	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
2-Nitroaniline	-	19	ug/l	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
2-Nitrophenol	-	-	ug/l	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
3 & 4 Methylphenol	-	-	ug/l	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	1.1 J	0.88 U	0.88 U	0.88 U
3,3'-Dichlorobenzidine	-	0.13	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
3-Nitroaniline	-	-	ug/l	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
4,6-Dinitro-2-methylphenol	-	-	ug/l	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Bromophenyl phenyl ether	-	-	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	-	-	ug/l	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U
4-Chloroaniline	-	0.37	ug/l	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
4-Chlorophenyl phenyl ether	-	-	ug/l	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
4-Nitroaniline	-	3.8	ug/l	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4-Nitrophenol	-	-	ug/l	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U
Acenaphthene	-	53	ug/l	0.88 U	0.88 U	0.88 U	3.9 J	6.8 J	0.88 U	0.88 U	2.6 J	1.3 J	0.88 U	0.88 U
Acenaphthylene	-	-	ug/l	0.65 U	0.65 U	0.65 U	1.6 J	1.9 J	0.65 U	0.65 U	1.5 J	0.65 U	0.65 U	0.65 U
Acetophenone	-	190	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	-	180	ug/l	0.57 U	0.57 U	0.57 U	0.57 UJ	1.9 J	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U
Atrazine	3	0.3	ug/l	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U
Benzaldehyde	-	190	ug/l	0.86 U	0.86 U	0.86 U	0.86 U	0.86 U	0.86 U	0.86 U	0.86 U	0.86 U	0.86 U	0.86 U
Benzo[a]anthracene	-	-	ug/l	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Benzo[a]pyrene	0.2	0.0034	ug/l	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Benzo[b]fluoranthene	-	0.034	ug/l	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Benzo[g,h,i]perylene	-	-	ug/l	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Benzo[k]fluoranthene	-	0.34	ug/l	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Bis(2-chloroethoxy)methane	-	5.9	ug/l	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Bis(2-chloroethyl)ether	-	0.014	ug/l	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U

Table 5. Summary of SemiVolatile Organic Compounds in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR04-BF-01	CFPR04-BF-02	CFPR04-BF-03	CFPR04-BF-04	CFPR04-BF-04	CFPR04-BW-01	CFPR04-BW-04	CFPR04-GF-01	CFPR04-GF-02	CFPR04-GF-03	CFPR04-GF-04
			Sample Date:	4/14/2017	4/14/2017	4/13/2017	4/13/2017	4/13/2017	4/14/2017	4/13/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017
			Sample Type:	N	N	N	N	FD	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit											
1,1'-Biphenyl	-	0.083	ug/l	0.63 U	0.63 U	0.63 U	1.9 J	2.3 J	0.88 J	0.84 J	1.3 J	0.73 J	0.63 U	0.63 U
Bis(2-ethylhexyl) phthalate	5.6	6	ug/l	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
Butyl benzyl phthalate	-	16	ug/l	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
Caprolactam	-	990	ug/l	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Carbazole	-	-	ug/l	5.1 J	3.2 J	4 J	8.7 J	9.6 J	3.2 J	1.7 J	22	20	19	14
Chrysene	-	3.4	ug/l	0.67 U	0.67 U	0.67 U	0.67 U	0.79 J	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Dibenz(a,h)anthracene	-	0.0034	ug/l	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
Dibenzofuran	-	0.79	ug/l	0.85 U	0.85 U	0.85 U	1.7 J	2.4 J	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U
Diethyl phthalate	-	-	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dimethyl phthalate	-	-	ug/l	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Di-n-butyl phthalate	-	-	ug/l	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
Di-n-octyl phthalate	-	20	ug/l	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Fluoranthene	-	80	ug/l	0.97 J	0.8 J	1.3 J	3.2 J	4.6 J	0.98 J	0.72 U	2.6 J	3.3 J	3.1 J	2.3 J
Fluorene	-	29	ug/l	0.8 U	0.8 U	0.8 U	3.7 J	4.8 J	0.9 J	0.89 J	1.9 J	1.8 J	0.8 U	0.8 U
Hexachlorobenzene	1	0.0098	ug/l	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Hexachlorobutadiene	-	0.14	ug/l	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U
Hexachlorocyclopentadiene	50	0.041	ug/l	0.61 UJ	0.61 UJ	0.61 U	0.61 U	0.61 U	0.61 UJ	0.61 U	0.61 UJ	0.61 UJ	0.61 UJ	0.61 UJ
Hexachloroethane	-	0.33	ug/l	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U
Indeno[1,2,3-cd]pyrene	-	0.034	ug/l	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Isophorone	-	78	ug/l	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Naphthalene	-	0.17	ug/l	0.88 J	5 J	0.87 J	25 J	48 J	5.4 J	53	13	4 J	2.4 J	1.3 J
Nitrobenzene	-	0.14	ug/l	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
N-Nitrosodi-n-propylamine	-	0.011	ug/l	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
N-Nitrosodiphenylamine	-	12	ug/l	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U
Pentachlorophenol	1	0.041	ug/l	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Phenanthrene	-	-	ug/l	1.3 J	1 J	2.2 J	6.8 J	10	1.7 J	1.5 J	5.7 J	6.5 J	5.3 J	4.5 J
Phenol	-	580	ug/l	0.41 U	1.5 J	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	4.2 J	6.6 J	0.41 U	0.41 U
Pyrene	-	12	ug/l	0.83 UJ	0.83 UJ	0.83 UJ	2 J	3.4 J	0.83 UJ	0.83 UJ	1 J	1.2 J	0.86 J	0.83 UJ

J+ - Estimated value, high bias
J- - Estimated value, low bias
T - Indicates that a quality control parameter has exceeded laboratory limits
U - Indicates that the compound was analyzed for but not detected
R - Sample results rejected by validator
µg/L -Micrograms per liter
Bold indicates exceedance of Environmental Protection Agency Risk
Based Screening Level Drinking water MCL
Shaded indicates exceedance of Environmental Protection Agency Risk
Based Screening Level Tapwater RSL

Table 6. Summary of Volatile Organic Compounds in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR02-BF-01	CFPR02-BF-02	CFPR02-BF-03	CFPR02-BF-04	CFPR02-BF-04	CFPR02-BW-01	CFPR02-BW-04	CFPR02-GF-01	CFPR02-GF-02	CFPR02-GF-03	CFPR02-GF-04
			Sample Date:	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/13/2017	4/13/2017
			Sample Type:	N	N	N	N	FD	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit											
1,1,1-Trichloroethane	200	800	ug/l	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,1,2,2-Tetrachloroethane	-	-	ug/l	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
1,1,2-Trichloro-1,2,2-trifluoroethane	-	5500	ug/l	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,1,2-Trichloroethane	-	-	ug/l	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1-Dichloroethane	-	2.8	ug/l	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1-Dichloroethene	-	-	ug/l	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,2,3-Trichlorobenzene	-	0.7	ug/l	0.35 U	0.35 U	0.35 U	4.6 J	0.35 UJ	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,2,4-Trichlorobenzene	-	0.4	ug/l	0.27 U	0.27 U	0.27 U	18 J	0.27 UJ	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,2-Dibromo-3-Chloropropane	0.2	0.00033	ug/l	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,2-Dichlorobenzene	600	30	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,2-Dichloroethane	5	0.17	ug/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,2-Dichloropropane	5	0.44	ug/l	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,3-Dichlorobenzene	-	-	ug/l	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,4-Dichlorobenzene	75	0.48	ug/l	0.33 U	0.33 U	0.33 U	0.7 J	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Butanone (MEK)	-	560	ug/l	2.2 U	2.2 U	2.3 J	2.2 U	2.2 U	2.2 U	2.2 U	3.5 J	8.5	4.4 J	6.2
2-Hexanone	-	3.8	ug/l	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	1.9 J	3.2 J	0.72 U	3.1 J
4-Methyl-2-pentanone (MIBK)	-	630	ug/l	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	1.3 J	0.63 U	0.67 J
Acetone	-	1400	ug/l	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	97	1.1 U	1.1 U
Benzene	5	0.46	ug/l	1.2	0.75 J	0.74 J	0.94 J	0.19 UJ	0.19 U	0.19 U	0.77 J	1.8	0.72 J	1.4
Bromoform	80	3.3	ug/l	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Bromomethane	-	0.75	ug/l	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Carbon disulfide	-	81	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.24 J	0.22 U	0.22 U	1.3
Carbon tetrachloride	5	0.46	ug/l	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chlorobenzene	7.8	100	ug/l	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
Chlorobromomethane	-	8.3	ug/l	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Chlorodibromomethane	80	0.87	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Chloroethane	-	2100	ug/l	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
Chloroform	80	0.22	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Chloromethane	-	19	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
cis-1,2-Dichloroethene	-	-	ug/l	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
cis-1,3-Dichloropropene	-	-	ug/l	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Cyclohexane	-	1300	ug/l	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Dichlorobromomethane	80	0.13	ug/l	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Dichlorodifluoromethane	-	20	ug/l	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
Ethylbenzene	700	1.5	ug/l	0.3 U	0.33 J	2.6	0.3 U	0.3 U	0.3 U	0.76 J	0.78 J	0.37 J	0.46 J	1.2
Ethylene Dibromide	-	-	ug/l	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Isopropylbenzene	-	-	ug/l	0.32 U	0.32 U	0.56 J	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Methyl acetate	-	2000	ug/l	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
Methyl tert-butyl ether	-	14	ug/l	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.54 J
Methylcyclohexane	-	-	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Methylene Chloride	**5**	11	ug/l	0.21 U	0.21 U	**240**	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	**100**

Table 6. Summary of Volatile Organic Compounds in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR02-BF-01	CFPR02-BF-02	CFPR02-BF-03	CFPR02-BF-04	CFPR02-BF-04	CFPR02-BW-01	CFPR02-BW-04	CFPR02-GF-01	CFPR02-GF-02	CFPR02-GF-03	CFPR02-GF-04
			Sample Date:	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/13/2017	4/13/2017
			Sample Type:	N	N	N	N	FD	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit											
1,1,1-Trichloroethane	200	800	ug/l	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
m-Xylene & p-Xylene	-	-	ug/l	0.49 J	0.91 J	12	0.51 J	0.28 UJ	0.28 U	3.4	3.4	1.3 J	2.1	6
o-Xylene	-	19	ug/l	0.32 U	0.48 J	6.3	0.32 U	0.32 U	0.32 U	1.8	1.5	0.49 J	0.32 U	0.32 U
Styrene	100	120	ug/l	0.17 J	0.17 J	0.17 U	0.17 U	0.18 J	0.17 U	0.17 U	0.18 J	0.22 J	0.23 J	0.17 U
Tetrachloroethene	-	-	ug/l	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Toluene	1000	110	ug/l	0.95 J	0.97 J	6.7	0.78 J	0.25 UJ	0.33 J	1.3	0.98 J	3.5	0.75 J	2.8
trans-1,2-Dichloroethene	-	-	ug/l	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
trans-1,3-Dichloropropene	-	-	ug/l	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Trichloroethene	-	-	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Trichlorofluoromethane	-	520	ug/l	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Vinyl chloride	2	0.019	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

J+ - Estimated value, high bias
J- - Estimated value, low bias
T - Indicates that a quality control parameter has exceeded laboratory limits
U - Indicates that the compound was analyzed for but not detected
µg/L -Micrograms per liter
Bold indicates exceedance of Environmental Protection Agency Risk Based Screening Level Drinking water MCL
Shaded indicates exceedance of Environmental Protection Agency Risk Based Screening Level Tapwater RSL

Table 6. Summary of Volatile Organic Compounds in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR03-BF-01	CFPR03-BF-02	CFPR03-BF-03	CFPR03-BF-04	CFPR03-BW-01	CFPR03-BW-04	CFPR03-GF-01	CFPR03-GF-02	CFPR03-GF-03	CFPR03-GF-04	CFPR03-SS
			Sample Date:	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017
			Sample Type:	N	N	N	N	N	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit											
1,1,1-Trichloroethane	200	800	ug/l	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,1,2,2-Tetrachloroethane	-	-	ug/l	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
1,1,2-Trichloro-1,2,2-trifluoroethane	-	5500	ug/l	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U	0.34 U
1,1,2-Trichloroethane	-	-	ug/l	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1-Dichloroethane	-	2.8	ug/l	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1-Dichloroethene	-	-	ug/l	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,2,3-Trichlorobenzene	-	0.7	ug/l	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,2,4-Trichlorobenzene	-	0.4	ug/l	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,2-Dibromo-3-Chloropropane	0.2	0.00033	ug/l	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,2-Dichlorobenzene	600	30	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,2-Dichloroethane	5	0.17	ug/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,2-Dichloropropane	5	0.44	ug/l	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,3-Dichlorobenzene	-	-	ug/l	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,4-Dichlorobenzene	75	0.48	ug/l	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Butanone (MEK)	-	560	ug/l	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 J	2.2 U	4.4 J	2.4 J	2.2 U
2-Hexanone	-	3.8	ug/l	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	1.9 J	0.72 U	0.72 U
4-Methyl-2-pentanone (MIBK)	-	630	ug/l	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.7 J	0.63 U	0.63 U
Acetone	-	1400	ug/l	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	31	67	38	1.1 U	1.1 U
Benzene	5	0.46	ug/l	4	3.3	1.1	0.54 J	0.19 U	0.54 J	1.4	0.5 J	0.45 J	0.74 J	0.2 J
Bromoform	80	3.3	ug/l	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Bromomethane	-	0.75	ug/l	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Carbon disulfide	-	81	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Carbon tetrachloride	5	0.46	ug/l	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chlorobenzene	7.8	100	ug/l	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
Chlorobromomethane	-	8.3	ug/l	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Chlorodibromomethane	80	0.87	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Chloroethane	-	2100	ug/l	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
Chloroform	80	0.22	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Chloromethane	-	19	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 UJ	0.22 UJ	0.22 UJ	0.22 UJ	0.22 U
cis-1,2-Dichloroethene	-	-	ug/l	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
cis-1,3-Dichloropropene	-	-	ug/l	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Cyclohexane	-	1300	ug/l	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Dichlorobromomethane	80	0.13	ug/l	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Dichlorodifluoromethane	-	20	ug/l	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.14 U
Ethylbenzene	700	1.5	ug/l	0.3 U	0.36 J	0.55 J	0.34 J	0.3 U	0.3 U	1	0.3 U	0.45 J	0.37 J	0.3 U
Ethylene Dibromide	-	-	ug/l	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Isopropylbenzene	-	-	ug/l	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Methyl acetate	-	2000	ug/l	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 UJ	0.58 U	0.58 U	0.58 U
Methyl tert-butyl ether	-	14	ug/l	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
Methylcyclohexane	-	-	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Methylene Chloride	**5**	11	ug/l	0.21 U	**81**	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 UJ	0.21 U	0.21 U	0.21 U

Table 6. Summary of Volatile Organic Compounds in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR03-BF-01	CFPR03-BF-02	CFPR03-BF-03	CFPR03-BF-04	CFPR03-BW-01	CFPR03-BW-04	CFPR03-GF-01	CFPR03-GF-02	CFPR03-GF-03	CFPR03-GF-04	CFPR03-SS
			Sample Date:	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017
			Sample Type:	N	N	N	N	N	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit											
1,1,1-Trichloroethane	200	800	ug/l	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
m-Xylene & p-Xylene	-	-	ug/l	0.48 J	0.97 J	2.4	0.93 J	0.49 J	0.86 J	6.2	0.57 J	1.8 J	1.4 J	0.28 U
o-Xylene	-	19	ug/l	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	2.8	0.34 J	0.92 J	0.68 J	0.32 U
Styrene	100	120	ug/l	0.17 U	0.17 U	0.17 U	0.25 J	0.17 U	0.32 J	0.17 U	0.19 J	0.17 U	0.17 U	0.17 U
Tetrachloroethene	-	-	ug/l	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.71 J	0.36 U	0.36 U	0.36 U	0.36 U
Toluene	1000	110	ug/l	0.81 J	1.9	2.1	0.47 J	0.33 J	1.6	1.5	0.64 J	0.63 J	0.84 J	0.46 J
trans-1,2-Dichloroethene	-	-	ug/l	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
trans-1,3-Dichloropropene	-	-	ug/l	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Trichloroethene	-	-	ug/l	0.22 J	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Trichlorofluoromethane	-	520	ug/l	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Vinyl chloride	2	0.019	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

J+ - Estimated value, high bias
J- - Estimated value, low bias
T - Indicates that a quality control parameter has exceeded laboratory limits
U - Indicates that the compound was analyzed for but not detected
µg/L -Micrograms per liter
Bold indicates exceedance of Environmental Protection Agency Risk Based Screening Level Drinking water MCL
Shaded indicates exceedance of Environmental Protection Agency Risk Based Screening Level Tapwater RSL

Table 6. Summary of Volatile Organic Compounds in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR04-BF-01	CFPR04-BF-02	CFPR04-BF-03	CFPR04-BF-04	CFPR04-BF-04	CFPR04-BW-01	CFPR04-BW-04	CFPR04-GF-01	CFPR04-GF-02	CFPR04-GF-03	CFPR04-GF-04
			Sample Date:	4/14/2017	4/14/2017	4/13/2017	4/13/2017	4/13/2017	4/14/2017	4/13/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017
			Sample Type:	N	N	N	N	FD	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit											
1,1,1-Trichloroethane	200	800	ug/l	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,1,2,2-Tetrachloroethane	-	-	ug/l	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
1,1,2-Trichloro-1,2,2-trifluoroethane	-	5500	ug/l	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,1,2-Trichloroethane	-	-	ug/l	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,1-Dichloroethane	-	2.8	ug/l	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1-Dichloroethene	-	-	ug/l	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,2,3-Trichlorobenzene	-	0.7	ug/l	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,2,4-Trichlorobenzene	-	0.4	ug/l	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,2-Dibromo-3-Chloropropane	0.2	0.00033	ug/l	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,2-Dichlorobenzene	600	30	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,2-Dichloroethane	5	0.17	ug/l	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,2-Dichloropropane	5	0.44	ug/l	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,3-Dichlorobenzene	-	-	ug/l	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,4-Dichlorobenzene	75	0.48	ug/l	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Butanone (MEK)	-	560	ug/l	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	4.6 J	2.2 U	2.4 J	6
2-Hexanone	-	3.8	ug/l	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	3 J	0.72 U	0.72 U	2.9 J
4-Methyl-2-pentanone (MIBK)	-	630	ug/l	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U
Acetone	-	1400	ug/l	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	28	1.1 U	1.1 U	1.1 U	1.1 U
Benzene	5	0.46	ug/l	0.19 U	0.19 U	0.72 J	0.62 J	0.59 J	0.48 J	0.19 U	0.34 J	0.48 J	0.19 U	0.19 U
Bromoform	80	3.3	ug/l	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Bromomethane	-	0.75	ug/l	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Carbon disulfide	-	81	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Carbon tetrachloride	5	0.46	ug/l	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chlorobenzene	7.8	100	ug/l	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
Chlorobromomethane	-	8.3	ug/l	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Chlorodibromomethane	80	0.87	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Chloroethane	-	2100	ug/l	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
Chloroform	80	0.22	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Chloromethane	-	19	ug/l	0.22 U	0.22 U	0.22 UJ	0.22 UJ	0.22 UJ	0.22 U	0.22 UJ	0.22 U	0.22 U	0.22 U	0.22 U
cis-1,2-Dichloroethene	-	-	ug/l	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
cis-1,3-Dichloropropene	-	-	ug/l	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Cyclohexane	-	1300	ug/l	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Dichlorobromomethane	80	0.13	ug/l	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Dichlorodifluoromethane	-	20	ug/l	0.14 U	0.14 U	0.14 UJ	0.14 UJ	0.14 UJ	0.14 U	0.14 UJ	0.14 U	0.14 U	0.14 U	0.14 U
Ethylbenzene	700	1.5	ug/l	0.3 U	0.3 U	0.3 U	0.4 J	0.3 U	0.3 U	1.2	0.3 U	0.3 U	0.3 U	0.3 U
Ethylene Dibromide	-	-	ug/l	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Isopropylbenzene	-	-	ug/l	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Methyl acetate	-	2000	ug/l	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
Methyl tert-butyl ether	-	14	ug/l	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
Methylcyclohexane	-	-	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Methylene Chloride	**5**	11	ug/l	0.21 U	0.21 U	0.21 U	**120 J**	0.21 UJ	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	**87**

Table 6. Summary of Volatile Organic Compounds in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR04-BF-01	CFPR04-BF-02	CFPR04-BF-03	CFPR04-BF-04	CFPR04-BF-04	CFPR04-BW-01	CFPR04-BW-04	CFPR04-GF-01	CFPR04-GF-02	CFPR04-GF-03	CFPR04-GF-04
			Sample Date:	4/14/2017	4/14/2017	4/13/2017	4/13/2017	4/13/2017	4/14/2017	4/13/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017
			Sample Type:	N	N	N	N	FD	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit											
1,1,1-Trichloroethane	200	800	ug/l	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
m-Xylene & p-Xylene	-	-	ug/l	0.28 U	0.28 U	0.84 J	1.8 J	0.28 UJ	0.28 U	5.7	0.32 J	0.41 J	0.51 J	0.45 J
o-Xylene	-	19	ug/l	0.32 U	0.32 U	0.44 J	1 J	0.32 UJ	0.32 U	5.8	0.32 U	0.32 U	0.32 U	0.32 U
Styrene	100	120	ug/l	0.18 J	0.17 U	0.17 U	0.17 U	0.2 J	0.36 J	0.17 U	0.17 U	0.27 J	0.17 U	0.17 U
Tetrachloroethene	-	-	ug/l	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Toluene	1000	110	ug/l	0.25 U	0.25 U	0.48 J	0.41 J	0.33 J	0.38 J	1.8	0.47 J	0.48 J	0.47 J	0.56 J
trans-1,2-Dichloroethene	-	-	ug/l	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
trans-1,3-Dichloropropene	-	-	ug/l	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Trichloroethene	-	-	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Trichlorofluoromethane	-	520	ug/l	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Vinyl chloride	2	0.019	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

J+ - Estimated value, high bias
J- - Estimated value, low bias
T - Indicates that a quality control parameter has exceeded laboratory limits
U - Indicates that the compound was analyzed for but not detected
µg/L -Micrograms per liter
Bold indicates exceedance of Environmental Protection Agency Risk Based Screening Level Drinking water MCL
Shaded indicates exceedance of Environmental Protection Agency Risk Based Screening Level Tapwater RSL

Table 7. Summary of Metals in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR02-BF-01	CFPR02-BF-02	CFPR02-BF-03	CFPR02-BF-04	CFPR02-BF-04	CFPR02-BW-01	CFPR02-BW-04	CFPR02-GF-01	CFPR02-GF-02	CFPR02-GF-03	CFPR02-GF-04	CFPR03-BF-01
			Sample Date:	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/13/2017	4/13/2017	4/13/2017
			Sample Type:	N	N	N	N	FD	N	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit												
Aluminum	-	2000	ug/l	1340	2720	4790	3360	3340	209	1130	46900	112000	56200	44000	330
Antimony	6	0.78	ug/l	0.9 J	1.3 J	1 J	2	1.9 J	0.86 J	0.62 U	2.2	1.5 J	1.7 J	2	0.75 J
Arsenic	10	0.052	ug/l	0.76 J	0.79 J	0.8 J	0.73 J	0.83 J	1.2 J	0.64 U	1.4 J	0.73 J	0.64 U	1.2 J	0.64 U
Barium	2000	380	ug/l	11.4	9.9	19.2	11.9	12.5	12.8	92.1	11.1	15.2	41.4	56.7	35.2
Beryllium	4	2.5	ug/l	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
Cadmium	-	-	ug/l	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
Calcium	-	-	ug/l	25600	12100	13200	19000	16900	27000	147000	4920	7950	10200	10300	15800
Chromium	100	-	ug/l	1.3 U	6.1	10.9	9.6	8.6	36.5	55.6	47.3	37.7	50.5	41.9	3.3 J
Cobalt	-	0.6	ug/l	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	3.1 J	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Copper	1300	80	ug/l	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	2.1 J	1.4 U	6	4.4	3.1 J	7.2	1.4 U
Cyanide, Free	200	0.15	ug/l	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	3.5 J	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Iron	-	1400	ug/l	119 J	42.4 U	42.4 U	42.4 UJ	83.6 J	920	68.9 J	104 J	85.3 J	77.3 J	304	42.4 U
Lead	15	15	ug/l	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	3.8	0.38 U
Magnesium	-	-	ug/l	1750	659	653	784	780	222	92.1 J	188 J	130 J	206	493	1340
Manganese	-	-	ug/l	6.4 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10.9	2.5 U
Mercury	2	0.063	ug/l	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Nickel	-	-	ug/l	2 J	1.4 U	1.4 U	1.4 U	1.4 J	1.4 U	1.4 U	7.1	2.6 J	1.7 J	7.4	1.4 U
Potassium	-	-	ug/l	8860	10400	12700	15100	14700	15800	17700	13700	15300	12800	16600	6430
Selenium	50	10	ug/l	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	3.6 J	2.3 J	1.7 J	2 J	0.73 U
Silver	-	9.4	ug/l	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Sodium	-	-	ug/l	119000	157000	200000	149000	144000	90900	8610	260000	238000	182000	198000	79500
Thallium	2	0.02	ug/l	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.39 J	0.26 U
Vanadium	-	8.6	ug/l	20.5	37.5	37.6	24.6	24.5	80	7.8	47.5	20.6	12	31.6	31.9
Zinc	-	600	ug/l	7.6 J	7 U	7 U	7 U	7 U	7 U	7 U	12.6 J	7 U	7 U	18.9	7 U

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J- - Estimated value, low bias
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U - Indicates that the compound was analyzed for but not detected
µg/L -Micrograms per liter
Bold indicates exceedance of Environmental Protection Agency Risk Based Screening Level Drinking water
Shaded indicates exceedance of Environmental Protection Agency Risk Based Screening Level Tapwater

Table 7. Summary of Metals in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR03-BF-02	CFPR03-BF-03	CFPR03-BF-04	CFPR03-BW-01	CFPR03-BW-04	CFPR03-GF-01	CFPR03-GF-02	CFPR03-GF-03	CFPR03-GF-04	CFPR03-SS	CFPR04-BF-01	CFPR04-BF-02
			Sample Date:	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/14/2017	4/14/2017
			Sample Type:	N	N	N	N	N	N	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit												
Aluminum	-	2000	ug/l	123	1220	11300	1240	773	35000	23800	32800	8150	1690	948	2390
Antimony	6	0.78	ug/l	0.71 J	0.97 J	1.3 J	0.62 U	0.62 U	1.5 J	0.94 J	1.3 J	1.4 J	0.62 U	0.64 J	0.77 J
Arsenic	10	0.052	ug/l	0.89 J	0.64 U	0.82 J	1.4 J	0.64 U	0.72 J	0.64 U	0.64 U	0.79 J	0.64 U	1.2 J	0.64 U
Barium	2000	380	ug/l	39.2	43.6	62.6	37.6	93.1	16.9	25.9	19.9	55.8	82.9	45.5	12
Beryllium	4	2.5	ug/l	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
Cadmium	-	-	ug/l	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
Calcium	-	-	ug/l	28200	48100	18800	26500	107000	17700	52700	15300	78600	118000	34300	39000
Chromium	100	-	ug/l	1.8 J	11.4	14.8	27.5	44.8	42.7	7.1	34.2	28.6	22.8	28	11.5
Cobalt	-	0.6	ug/l	1.3 U	1.3 U	1.3 U	4.4	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	6.2	1.3 U
Copper	1300	80	ug/l	1.4 U	1.4 U	3.4 J	2 J	1.4 U	4.4	2.2 J	2 J	4.7	1.4 U	4.6	1.4 U
Cyanide, Free	200	0.15	ug/l	1.5 U	1.5 U	1.5 U	7	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	19.3	1.5 U
Iron	-	1400	ug/l	42.4 U	42.4 U	905	1700	42.4 U	58 J	42.4 U	42.4 U	1610	42.4 U	3060	42.4 U
Lead	15	15	ug/l	0.38 U	0.38 U	1.1 J	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	1.6	0.38 U	0.38 U	0.38 U
Magnesium	-	-	ug/l	3190	454	1200	648	136 J	379	782	339	1290	171 J	160 J	116 J
Manganese	-	-	ug/l	2.7 J	2.5 U	35.5	14.7	2.5 U	2.5 U	2.5 U	2.5 U	49.2	2.5 U	2.5 U	2.5 U
Mercury	2	0.063	ug/l	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Nickel	-	-	ug/l	2.2 J	1.4 U	6.3	2.4 J	1.4 U	3.7 J	1.4 U	1.4 U	6	1.4 U	1.4 J	1.4 U
Potassium	-	-	ug/l	7350	8770	8210	11800	14300	14300	8600	8490	9230	12100	13300	9080
Selenium	50	10	ug/l	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	2.1 J	0.73 J	1.3 J	0.73 U	0.73 U	0.73 U	0.73 U
Silver	-	9.4	ug/l	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Sodium	-	-	ug/l	70000	56100	108000	130000	9740	141000	69400	127000	36700	16900	172000	51000
Thallium	2	0.02	ug/l	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Vanadium	-	8.6	ug/l	22.1	20.4	24.1	68.4	12.8	21.8	5.3	8	19.5	12.1	69.7	12.2
Zinc	-	600	ug/l	7 U	7 U	24.7	7 U	7 U	7 U	7 U	7 U	58.2	7 U	7 U	7 U

J+ - Estimated value, high bias
J- - Estimated value, low bias
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U - Indicates that the compound was analyzed for but not detected
µg/L -Micrograms per liter
Bold indicates exceedance of Environmental Protection Agency Risk Based Screening Level Drinking water
Shaded indicates exceedance of Environmental Protection Agency Risk Based Screening Level Tapwater

Table 7. Summary of Metals in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR04-BF-03	CFPR04-BF-04	CFPR04-BF-04	CFPR04-BW-01	CFPR04-BW-04	CFPR04-GF-01	CFPR04-GF-02	CFPR04-GF-03	CFPR04-GF-04
			Sample Date:	4/13/2017	4/13/2017	4/13/2017	4/14/2017	4/13/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017
			Sample Type:	N	N	FD	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit									
Aluminum	-	2000	ug/l	1100	3780	3430	243	1550	38700	3360	2480	1140
Antimony	6	0.78	ug/l	0.78 J	1 J	0.98 J	0.95 J	0.62 U	0.84 J	0.97 J	0.72 J	0.84 J
Arsenic	10	0.052	ug/l	0.64 U	0.64 U	0.64 U	0.65 J	0.64 U	0.64 U	0.69 J	0.64 U	0.87 J
Barium	2000	380	ug/l	24.2	17.9	15.9	36.7	112	59.1	69.3	65.6	90.2
Beryllium	4	2.5	ug/l	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
Cadmium	-	-	ug/l	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
Calcium	-	-	ug/l	41800	42800	39900	18200	181000	33000	80300	79300	97100
Chromium	100	-	ug/l	6.4	8.1	7.3	3.9 J	32.1	13.1	8.6	12.5	17.2
Cobalt	-	0.6	ug/l	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Copper	1300	80	ug/l	1.9 J	1.5 J	1.4 U	1.4 U	1.8 J	2 J	1.7 J	1.5 J	1.4 U
Cyanide, Free	200	0.15	ug/l	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Iron	-	1400	ug/l	315	377 J	129 J	42.4 U	42.4 U	451	378	42.4 U	103 J
Lead	15	15	ug/l	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Magnesium	-	-	ug/l	498	371 J	200 J	910	63.6 U	196 J	205	227	155 J
Manganese	-	-	ug/l	7.5 J	10.1 J	3.6 J	2.5 U	2.5 U	3 J	3.1 J	2.5 U	2.5 U
Mercury	2	0.063	ug/l	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Nickel	-	-	ug/l	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Potassium	-	-	ug/l	8880	13900	12800	4720	17300	12900	5420	4810	5820
Selenium	50	10	ug/l	0.73 U	0.78 J	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
Silver	-	9.4	ug/l	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Sodium	-	-	ug/l	49600	53300	49200	80100	9030	132000	23300	21000	23600
Thallium	2	0.02	ug/l	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Vanadium	-	8.6	ug/l	23.2	11.5	10.6	16.5	3.8 J	5.8	9.7	9.5	12.4
Zinc	-	600	ug/l	8.5 J	8.9 J	7 U	7 U	7 U	7 U	7.2 J	7 U	7 U

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J- - Estimated value, low bias
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U - Indicates that the compound was analyzed for but not detected
µg/L -Micrograms per liter
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Shaded indicates exceedance of Environmental Protection Agency Risk Based Screening Level Tapwater

Table 8. Summary of Polychlorinated Biphenyl in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR02-BF-01	CFPR02-BF-02	CFPR02-BF-03	CFPR02-BF-04	CFPR02-BF-04	CFPR02-BW-01	CFPR02-BW-04	CFPR02-GF-01	CFPR02-GF-02	CFPR02-GF-03	CFPR02-GF-04
			Sample Date:	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/13/2017	4/13/2017
			Sample Type:	N	N	N	N	FD	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit											
Aroclor 1016	-	0.14	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Aroclor 1221	-	0.0047	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Aroclor 1232	-	0.0047	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Aroclor 1242	-	0.0078	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Aroclor 1248	-	0.0078	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Aroclor 1254	-	0.0078	ug/l	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 UJ
Aroclor 1260	-	0.0078	ug/l	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 UJ
Aroclor 1268	-	-	ug/l	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 UJ
Aroclor-1262	-	-	ug/l	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 UJ
Polychlorinated biphenyls, Total	-	-	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ

J+ - Estimated value, high bias
J- - Estimated value, low bias
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µg/L -Micrograms per liter
Bold indicates exceedance of Environmental Protection Agency Risk Based Screening Level Drinking water MCL
Shaded indicates exceedance of Environmental Protection Agency Risk Based Screening Level Tapwater RSL

Table 8. Summary of Polychlorinated Biphenyl in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR03-BF-01	CFPR03-BF-02	CFPR03-BF-03	CFPR03-BF-04	CFPR03-BW-01	CFPR03-BW-04	CFPR03-GF-01	CFPR03-GF-02	CFPR03-GF-03	CFPR03-GF-04	CFPR03-SS
			Sample Date:	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017
			Sample Type:	N	N	N	N	N	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit											
Aroclor 1016	-	0.14	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor 1221	-	0.0047	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor 1232	-	0.0047	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor 1242	-	0.0078	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor 1248	-	0.0078	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor 1254	-	0.0078	ug/l	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U
Aroclor 1260	-	0.0078	ug/l	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U
Aroclor 1268	-	-	ug/l	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U
Aroclor-1262	-	-	ug/l	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U
Polychlorinated biphenyls, Total	-	-	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

J+ - Estimated value, high bias
J- - Estimated value, low bias
T - Indicates that a quality control parameter has exceeded laboratory limits
U - Indicates that the compound was analyzed for but not detected
µg/L -Micrograms per liter
Bold indicates exceedance of Environmental Protection Agency Risk Based Screening Level Drinking water MCL
Shaded indicates exceedance of Environmental Protection Agency Risk Based Screening Level Tapwater RSL

Table 8. Summary of Polychlorinated Biphenyl in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR04-BF-01	CFPR04-BF-02	CFPR04-BF-03	CFPR04-BF-04	CFPR04-BF-04	CFPR04-BW-01	CFPR04-BW-04	CFPR04-GF-01	CFPR04-GF-02	CFPR04-GF-03	CFPR04-GF-04
			Sample Date:	4/14/2017	4/14/2017	4/13/2017	4/13/2017	4/13/2017	4/14/2017	4/13/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017
			Sample Type:	N	N	N	N	FD	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit											
Aroclor 1016	-	0.14	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor 1221	-	0.0047	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor 1232	-	0.0047	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor 1242	-	0.0078	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor 1248	-	0.0078	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor 1254	-	0.0078	ug/l	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U
Aroclor 1260	-	0.0078	ug/l	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U
Aroclor 1268	-	-	ug/l	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U
Aroclor-1262	-	-	ug/l	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U	0.099 U
Polychlorinated biphenyls, Total	-	-	ug/l	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

J+ - Estimated value, high bias
J- - Estimated value, low bias
T - Indicates that a quality control parameter has exceeded laboratory limits
U - Indicates that the compound was analyzed for but not detected
µg/L -Micrograms per liter
Bold indicates exceedance of Environmental Protection Agency Risk Based Screening Level Drinking water MCL
Shaded indicates exceedance of Environmental Protection Agency Risk Based Screening Level Tapwater RSL

Table 9. Summary of General Chemistry in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR02-BF-01	CFPR02-BF-02	CFPR02-BF-03	CFPR02-BF-04	CFPR02-BF-04	CFPR02-BW-01	CFPR02-BW-04	CFPR02-GF-01	CFPR02-GF-02	CFPR02-GF-03	CFPR02-GF-04	CFPR03-BF-01
			Sample Date:	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/12/2017	4/13/2017	4/13/2017	13 Apr 2017
			Sample Type:	N	N	N	N	FD	N	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit												
Fluoride	**4000**	80	ug/l	**71600 J+**	**76900 J+**	**135000 J+**	**92100 J+**	**88300 J+**	**13300 J+**	2040	**108000 J+**	**58800 J+**	**42200 J+**	**51600 J+**	**37700**

J+ - Estimated value, high bias
J- - Estimated value, low bias
T - Indicates that a quality control parameter has exceeded laboratory limits
U - Indicates that the compound was analyzed for but not detected
µg/L -Micrograms per liter
Bold indicates exceedance of Environmental Protection Agency Risk Based Screening Level
Shaded indicates exceedance of Environmental Protection Agency Risk Based Screening Level

Table 9. Summary of General Chemistry in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR03-BF-02	CFPR03-BF-03	CFPR03-BF-04	CFPR03-BW-01	CFPR03-BW-04	CFPR03-GF-01	CFPR03-GF-02	CFPR03-GF-03	CFPR03-GF-04	CFPR03-SS	CFPR04-BF-01	CFPR04-BF-02	CFPR04-BF-03
			Sample Date:	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/13/2017	4/14/2017	4/14/2017	13 Apr 2017
			Sample Type:	N	N	N	N	N	N	N	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit													
Fluoride	**4000**	80	ug/l	**19900**	**48400 J+**	**39700 J+**	**12300**	3100	**50800 J+**	**17000 J+**	**29900 J+**	**34400 J+**	**14600**	**15500 J+**	**33200 J+**	**35000 J+**

J+ - Estimated value, high bias
J- - Estimated value, low bias
T - Indicates that a quality control parameter has exceeded laboratory limits
U - Indicates that the compound was analyzed for but not detected
µg/L -Micrograms per liter
Bold indicates exceedance of Environmental Protection Agency Risk Based Screening Level
Shaded indicates exceedance of Environmental Protection Agency Risk Based Screening Level

Table 9. Summary of General Chemistry in Concrete SPLP Leachate
Columbia Falls Aluminum Company, LLC, 2000 Aluminum Drive, Columbia Falls, MT

			Sample Location:	CFPR04-BF-04	CFPR04-BF-04	CFPR04-BW-01	CFPR04-BW-04	CFPR04-GF-01	CFPR04-GF-02	CFPR04-GF-03	CFPR04-GF-04
			Sample Date:	4/13/2017	4/13/2017	4/14/2017	4/13/2017	4/14/2017	4/14/2017	4/14/2017	4/14/2017
			Sample Type:	N	FD	N	N	N	N	N	N
Analyte	EPA Risk Based Screening Level Drinking water MCL	EPA Risk Based Screening Level Tapwater RSL	Unit								
Fluoride	**4000**	80	ug/l	**33400 J+**	**32100 J+**	**36700 J+**	2990	**55900 J+**	**14700 J+**	**12900**	**10200**

J+ - Estimated value, high bias
J- - Estimated value, low bias
T - Indicates that a quality control parameter has exceeded laboratory limits
U - Indicates that the compound was analyzed for but not detected
µg/L -Micrograms per liter
Bold indicates exceedance of Environmental Protection Agency Risk Based Screening Level
Shaded indicates exceedance of Environmental Protection Agency Risk Based Screening Level