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Table 8
Split Sample Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

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Parameters	Regional Screening Level (Residential / Industrial)	Applicable Screening Limits (TCLP, STLC, TTLC)	Field Sample ID:	MWF-Src-ASH-004	MWF-Src-ASH-005	MWF-Src-ASH-006	MWF-Src-Debris-029	MWF-Src-Debris-030
			Sample Date:	6/23/2016	6/23/2016	6/23/2016	6/23/2016	6/23/2016
			Laboratory Job Number:	16-06-1788	16-06-1788	16-06-1788	16-06-1788	16-06-1788
Total Metals / SW846-6010B / 7471A								
Aluminum	77,000 / 1,100,000	--	mg/kg	409	58.2	16.4	212	749
Antimony	31 / 470	500	mg/kg	ND (<0.1)	3.31	22.8	3.32	48.7
Arsenic	0.68 / 3.0	500	mg/kg	51.8	**2,570**	241	201	**591**
Barium ****	15,000 / 220,000	10,000	mg/kg	ND (<0.26)	0.382	ND (<0.248)	ND (<0.243)	ND (<0.15)
Beryllium	160 / 2,300	75	mg/kg	2.08	ND (<0.1)	41.9	0.382	18.6
Cadmium	71 / 980	100	mg/kg	**12,500**	**6,950**	**23,200**	**28,000**	**807**
Calcium	--	--	mg/kg	541	38,500	143	ND (<0.15)	ND (<0.1)
Chromium	120,000 / 1,800,000	500	mg/kg	457	45.9	2.06	71.7	2.29
Cobalt	23 / 350	8,000	mg/kg	1,540	3,990	806	**11,100**	391
Copper	3,100 / 47,000	2,500	mg/kg	**18,700**	**31,700**	ND (<0.15)	ND (<0.1)	35.6
Iron	--	--	mg/kg	2.76	1,510	7.83	0.695	10.2
Lead	400 / 800	1,000	mg/kg	**189,000**	**40,100**	**13,400**	**86,100**	**2,680**
Magnesium	--	--	mg/kg	ND (<0.15)	ND (<0.15)	ND (<0.1)	1.9	2.68
Manganese	1,800 / 26,000	--	mg/kg	1,760	11.8	ND (<0.0833)	116	44.9
Mercury	11 / 46	20	mg/kg	0.2	**943**	ND (<0.1)	0.123	0.284
Nickel	840 / 12,000	2,000	mg/kg	148	4.96	ND (<0.1)	ND (<7.46)	ND (<7.25)
Potassium	--	--	mg/kg	39	ND (<0.05)	31.5	ND (<0.15)	0.169
Selenium	390 / 5,800	100	mg/kg	ND (<0.1)	1.78	0.222	8.01	0.0608
Silver	390 / 5,800	500	mg/kg	ND (<0.728)	ND (<0.765)	ND (<7.39)	ND (<0.75)	1.76
Sodium	--	--	mg/kg	ND (<2.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<10)
Thallium	0.78 / 12	700	mg/kg	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
Vanadium	390 / 5,800	2,400	mg/kg	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<9.7)
Zinc	23,000 / 350,000	5,000	mg/kg	ND (<9.7)	ND (<9.7)	ND (<9.7)	ND (<9.7)	ND (<9.7)
STLC Metals / SW846-6010B (T22.11.5.AII)								
Aluminum	--	--	mg/L	0.864	1,140	4.45	772	652
Antimony	--	15	mg/L	0.778	2.49	1.12	2.42	**23.2**
Arsenic	--	5	mg/L	ND (<0.15)	ND (<0.15)	ND (<0.15)	0.357	0.594
Barium	--	100	mg/L	**709**	16.1	1.75	10.6	6.2
Beryllium	--	0.75	mg/L	ND (<0.1)	ND (<0.1)	ND (<0.1)	ND (<0.1)	ND (<0.1)
Cadmium	--	1	mg/L	0.612	0.53	ND (<0.1)	0.907	0.334
Calcium	--	--	mg/L	141	56.1	23.4	1,100	605
Chromium	--	5	mg/L	ND (<0.1)	0.371	ND (<0.1)	3.76	4.43
Cobalt	--	80	mg/L	ND (<0.1)	1.91	ND (<0.1)	0.487	1.46
Copper	--	25	mg/L	16.6	5.26	4.15	2.08	**72.5**
Iron	--	--	mg/L	1.37	38.6	25.8	1,230	1,210
Lead	--	5	mg/L	**25.4**	**128**	1.92	3.6	**2,950**
Magnesium	--	--	mg/L	3,680	1,160	33.1	88	66.9
Manganese	--	--	mg/L	6.46	24.1	1.31	26.5	20.6
Nickel	--	20	mg/L	0.541	4.92	0.49	3.12	**52.9**
Potassium	--	--	mg/L	1,650	143	9.68	65.8	33.6
Selenium	--	1	mg/L	ND (<0.15)	ND (<0.15)	ND (<0.15)	ND (<0.15)	ND (<0.15)
Silver	--	5	mg/L	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)
Thallium	--	7	mg/L	ND (<0.15)	ND (<0.15)	ND (<0.15)	ND (<0.15)	ND (<0.15)
Vanadium	--	24	mg/L	ND (<0.1)	0.12	ND (<0.1)	0.573	0.393
Zinc	--	250	mg/L	**322**	61.1	50.7	**256**	175

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Table 8
Split Sample Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

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Parameters	Regional Screening Level (Residential / Industrial)	Applicable Screening Limits (TCLP, STLC, TTLC)	Field Sample ID:	MWF-Src-ASH-004	MWF-Src-ASH-005	MWF-Src-ASH-006	MWF-Src-Debris-029	MWF-Src-Debris-030
			Sample Date:	6/23/2016	6/23/2016	6/23/2016	6/23/2016	6/23/2016
			Laboratory Job Number:	16-06-1788	16-06-1788	16-06-1788	16-06-1788	16-06-1788
TCLP Metals / SW846-6010B (1311)								
Aluminum	--	--	mg/L	ND (<0.5)	118	0.536	3.07	60.9
Antimony	--	--	mg/L	ND (<0.15)	ND (<0.15)	0.349	ND (<0.15)	0.496
Arsenic	--	5	mg/L	ND (<0.1)	ND (<0.1)	ND (<0.1)	ND (<0.1)	0.291
Barium	--	100	mg/L	**420**	16.3	ND (<1)	1.28	1.98
Beryllium	--	--	mg/L	ND (<0.1)	ND (<0.1)	ND (<0.1)	ND (<0.1)	ND (<0.1)
Cadmium	--	1	mg/L	ND (<0.1)	0.194	ND (<0.1)	ND (<0.1)	0.116
Calcium	--	--	mg/L	71.9	24.4	10.8	326	267
Chromium	--	5	mg/L	ND (<0.1)	ND (<0.1)	ND (<0.1)	ND (<0.1)	0.118
Cobalt	--	--	mg/L	ND (<0.1)	3.31	ND (<0.1)	ND (<0.1)	0.269
Copper	--	--	mg/L	1.36	22.8	1.42	ND (<0.1)	26.1
Iron	--	--	mg/L	ND (<1)	3.32	ND (<1)	41.9	73
Lead	--	5	mg/L	ND (<0.1)	**48.7**	0.63	0.382	**218**
Magnesium	--	--	mg/L	941	399	8.34	18.6	23.7
Manganese	--	--	mg/L	ND (<0.05)	4.38	0.693	3.99	6.06
Nickel	--	--	mg/L	ND (<0.1)	1.1	0.213	0.379	7.18
Potassium	--	--	mg/L	782	63.9	ND (<5)	21.2	15
Selenium	--	1	mg/L	ND (<0.15)	ND (<0.15)	ND (<0.15)	ND (<0.15)	ND (<0.15)
Silver	--	5	mg/L	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)
Thallium	--	--	mg/L	ND (<0.15)	ND (<0.15)	ND (<0.15)	ND (<0.15)	ND (<0.15)
Vanadium	--	--	mg/L	ND (<0.1)	ND (<0.1)	ND (<0.1)	ND (<0.1)	ND (<0.1)
Zinc	--	--	mg/L	1.52	14.7	23.8	36.1	53.4
PCBs / SW846-8082								
Aroclor 1016	4,100 / 27,000	--	µg/kg	ND (<50)	ND (<50)	ND (<990)	ND (<980)	ND (<200)
Aroclor 1221	200 / 830	--	µg/kg	ND (<50)	ND (<50)	ND (<990)	ND (<980)	ND (<200)
Aroclor 1232	170 / 720	--	µg/kg	ND (<50)	ND (<50)	ND (<990)	ND (<980)	ND (<200)
Aroclor 1242	230 / 950	--	µg/kg	620	180	ND (<990)	ND (<980)	ND (<200)
Aroclor 1248	230 / 950	--	µg/kg	ND (<50)	ND (<50)	ND (<990)	ND (<980)	ND (<200)
Aroclor 1254	240 / 970	--	µg/kg	ND (<50)	ND (<50)	ND (<990)	ND (<980)	ND (<200)
Aroclor 1260	240 / 990	--	µg/kg	ND (<50)	ND (<50)	ND (<990)	ND (<980)	ND (<200)
Aroclor 1262	--	--	µg/kg	ND (<50)	ND (<50)	ND (<990)	ND (<980)	ND (<200)
Aroclor 1268	--	--	µg/kg	ND (<50)	ND (<50)	ND (<990)	ND (<980)	ND (<200)
SVOCs / SW846-8270C								
1,2,4-TRICHLOROBENZENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
1,2-DICHLOROBENZENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
1,3-DICHLOROBENZENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
1,4-DICHLOROBENZENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
1-METHYLNAPHTHALENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
2,4,5-TRICHLOROPHENOL		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
2,4,6-TRICHLOROPHENOL		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
2,4-DICHLOROPHENOL		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
2,4-DIMETHYLPHENOL		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
2,4-DINITROPHENOL		--	mg/kg	ND (<2.5)	ND (<2.5)	ND (<49)	ND (<50)	ND (<50)
2,4-DINITROTOLUENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
2,6-DICHLOROPHENOL		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
2,6-DINITROTOLUENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)

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Parameters	Regional Screening Level (Residential / Industrial)	Applicable Screening Limits (TCLP, STLC, TTLC)	Field Sample ID:	MWF-Src-ASH-004	MWF-Src-ASH-005	MWF-Src-ASH-006	MWF-Src-Debris-029	MWF-Src-Debris-030
			Sample Date:	6/23/2016	6/23/2016	6/23/2016	6/23/2016	6/23/2016
			Laboratory Job Number:	16-06-1788	16-06-1788	16-06-1788	16-06-1788	16-06-1788
2-CHLORONAPHTHALENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
2-CHLOROPHENOL		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
2-METHYLNAPHTHALENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
2-METHYLPHENOL		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
2-NITROANILINE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
2-NITROPHENOL		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
3,3'-DICHLOROBENZIDINE		--	mg/kg	ND (<10)	ND (<10)	ND (<190)	ND (<200)	ND (<200)
3/4-METHYLPHENOL		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
3-NITROANILINE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
4,6-DINITRO-2-METHYLPHENOL		--	mg/kg	ND (<2.5)	ND (<2.5)	ND (<49)	ND (<50)	ND (<50)
4-BROMOPHENYL-PHENYLETHER		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
4-CHLORO-3-METHYLPHENOL		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
4-CHLOROANILINE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
4-CHLOROPHENYL-PHENYLETHER		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
4-NITROANILINE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
4-NITROPHENOL		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
ACENAPHTHENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
ACENAPHTHYLENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
ANILINE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
ANTHRACENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
AZOBENZENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
BENZIDINE		--	mg/kg	ND (<10)	ND (<10)	ND (<190)	ND (<200)	ND (<200)
BENZO(A)ANTHRACENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
BENZO(A)PYRENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
BENZO(B)FLUORANTHENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
BENZO(G,H,I)PERYLENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
BENZO(K)FLUORANTHENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
BENZOIC ACID	250,000 / 3,300,000	--	mg/kg	7.6	ND (<2.5)	ND (<49)	ND (<50)	ND (<50)
BENZYL ALCOHOL		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
BIS(2-CHLOROETHOXY)METHANE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
Bis(2-chloroethyl)ether		--	mg/kg	ND (<2.5)	ND (<2.5)	ND (<49)	ND (<50)	ND (<50)
BIS(2-CHLOROISOPROPYL)ETHER		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	mg/kg	5.6	4.5	22	60	58
Butylbenzylphthalate		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
CHRYSENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
DIBENZ(A,H)ANTHRACENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
DIBENZOFURAN		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
Diethylphthalate		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
Dimethylphthalate		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
DI-N-BUTYL PHTHALATE	--	--	mg/kg	ND (<0.5)	0.65	ND (<9.7)	15	ND (<9.9)
DI-N-OCTYL PHTHALATE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
FLUORANTHENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
FLUORENE	4,700 / 70,000	--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
HEXACHLOROBENZENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
HEXACHLOROBUTADIENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
HEXACHLOROCYCLOPENTADIENE		--	mg/kg	ND (<2.5)	ND (<2.5)	ND (<49)	ND (<50)	ND (<50)

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Parameters	Regional Screening Level (Residential / Industrial)	Applicable Screening Limits (TCLP, STLC, TTLC)	Field Sample ID:	MWF-Src-ASH-004	MWF-Src-ASH-005	MWF-Src-ASH-006	MWF-Src-Debris-029	MWF-Src-Debris-030
			Sample Date:	6/23/2016	6/23/2016	6/23/2016	6/23/2016	6/23/2016
			Laboratory Job Number:	16-06-1788	16-06-1788	16-06-1788	16-06-1788	16-06-1788
HEXACHLOROETHANE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
INDENO(1,2,3-CD)PYRENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
ISOPHORONE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	16	ND (<9.9)
NAPHTHALENE	--	--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
NITROBENZENE		--	mg/kg	ND (<2.5)	ND (<2.5)	ND (<49)	ND (<50)	ND (<50)
N-NITROSODIMETHYLAMINE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
N-NITROSO-DI-N-PROPYLAMINE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
N-NITROSODIPHENYLAMINE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
PENTACHLOROPHENOL		--	mg/kg	ND (<2.5)	ND (<2.5)	ND (<49)	ND (<50)	ND (<50)
PHENANTHRENE	--	--	mg/kg	ND (<0.5)	ND (<0.5)	12	ND (<9.9)	ND (<9.9)
PHENOL	19,000 / 250,000	--	mg/kg	1	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
PYRENE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
PYRIDINE		--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<9.7)	ND (<9.9)	ND (<9.9)
Dioxins / Furans / SW846-8290A								
1,2,3,4,6,7,8-Heptachlorodibenzofuran		--	ng/kg	427	101	614	52.9	211
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin		--	ng/kg	625	127	599	164	291
1,2,3,4,7,8,9-Heptachlorodibenzofuran		--	ng/kg	75.1	21.4	72.6	ND (<4.84)	ND (<35.7)
1,2,3,4,7,8-Hexachlorodibenzofuran		--	ng/kg	127	42	351	ND (<4.84)	40.2
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin		--	ng/kg	34.1	10.1	139	ND (<4.84)	ND (<35.7)
1,2,3,6,7,8-Hexachlorodibenzofuran		--	ng/kg	101	46.3	324	6.23	39
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin		--	ng/kg	77.5	18.7	166	8.9	ND (<35.7)
1,2,3,7,8,9-Hexachlorodibenzofuran		--	ng/kg	49.8	20.5	83	ND (<4.84)	ND (<35.7)
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin		--	ng/kg	61.3	15.4	144	6.24	ND (<35.7)
1,2,3,7,8-Pentachlorodibenzofuran		--	ng/kg	63	55.7	271	ND (<4.84)	ND (<35.7)
1,2,3,7,8-Pentachlorodibenzo-p-dioxin		--	ng/kg	40.2	12.2	233	ND (<4.84)	ND (<35.7)
2,3,4,6,7,8-Hexachlorodibenzofuran		--	ng/kg	121	41.4	289	9.36	56
2,3,4,7,8-Pentachlorodibenzofuran		--	ng/kg	103	65.5	437	7.86	41.6
2,3,7,8-Tetrachlorodibenzofuran		--	ng/kg	60.4	33.2	219	2.3	9.22
2,3,7,8-Tetrachlorodibenzo-p-dioxin		--	ng/kg	10.9	2.36	51.8	ND (<0.967)	ND (<7.14)
Octachlorodibenzofuran (OCDF)		--	ng/kg	477	77.7	198	92.7	279
Octachlorodibenzo-p-dioxin (OCDD)		--	ng/kg	1,340	228	530	1,320	2,910

Notes:
Bold results exceed applicable limits for characteristic hazardous wastes
ND (<X) = constituents(s) not detected at or above method detection limit
mg/kg = milligram per kilogram
µg/kg = microgram per kilogram
ng/kg = nanogram per kilogram
mg/L = milligram per liter
**** = excludes barium sulfate
Q = Estimated Maximum Possible Concentration

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Table 8
Split Sample Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

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Parameters	Regional Screening Level (Residential / Industrial)	Applicable Screening Limits (TCLP, STLC, TTLC)	Field Sample ID:	MWF-Src-Debris-031	MWF-Src-Debris-032	MWF-Src-Powder-001	MWF-Src-Powder-002	MWF-Src-Soil-003
			Sample Date:	6/23/2016	6/23/2016	6/23/2016	6/23/2016	6/23/2016
			Laboratory Job Number:	16-06-1788	16-06-1788	16-06-1788	16-06-1788	16-06-1788
Total Metals / SW846-6010B / 7471A								
Aluminum	77,000 / 1,100,000	--	mg/kg	ND (<0.15)	ND (<0.1)	1.52	118	ND (<0.15)
Antimony	31 / 470	500	mg/kg	52.6	5.02	3.32	1.1	63.9
Arsenic	0.68 / 3.0	500	mg/kg	**842**	12.2	264	ND (<0.1)	4.15
Barium ****	15,000 / 220,000	10,000	mg/kg	ND (<0.1)	23.8	3.07	ND (<0.15)	ND (<0.1)
Beryllium	160 / 2,300	75	mg/kg	3.99	ND (<0.518)	0.379	21.2	ND (<0.15)
Cadmium	71 / 980	100	mg/kg	**5,190**	**37,500**	**34,400**	**1,360**	**1,210**
Calcium	--	--	mg/kg	53.4	40.5	ND (<0.15)	0.11	ND (<0.1)
Chromium	120,000 / 1,800,000	500	mg/kg	1.87	51.1	15.5	ND (<0.15)	**36,800**
Cobalt	23 / 350	8,000	mg/kg	6,180	230	396	0.64	228
Copper	3,100 / 47,000	2,500	mg/kg	0.886	0.393	1.17	ND (<0.1)	0.239
Iron	--	--	mg/kg	30.4	ND (<0.15)	305,000	11,000	750
Lead	400 / 800	1,000	mg/kg	0.553	ND (<1)	0.142	**1,300**	2.13
Magnesium	--	--	mg/kg	ND (<0.15)	4.93	0.132	0.438	196
Manganese	1,800 / 26,000	--	mg/kg	ND (<0.05)	ND (<0.15)	0.144	243	2.21
Mercury	11 / 46	20	mg/kg	2.94	**329**	6.35	**2,170**	**1,500**
Nickel	840 / 12,000	2,000	mg/kg	ND (<0.781)	ND (<0.739)	ND (<0.743)	ND (<0.728)	ND (<0.765)
Potassium	--	--	mg/kg	140	1.24	ND (<0.15)	ND (<0.15)	ND (<0.1)
Selenium	390 / 5,800	100	mg/kg	**1,340**	**610**	**3,470**	**1,350**	**178**
Silver	390 / 5,800	500	mg/kg	34.8	6.54	26.9	**9,110**	**6,630**
Sodium	--	--	mg/kg	ND (<2.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
Thallium	0.78 / 12	700	mg/kg	ND (<2.5)	ND (<0.5)	ND (<10)	ND (<0.5)	ND (<0.5)
Vanadium	390 / 5,800	2,400	mg/kg	ND (<9.7)	ND (<9.7)	ND (<9.7)	ND (<9.7)	ND (<9.7)
Zinc	23,000 / 350,000	5,000	mg/kg	ND (<9.7)	ND (<9.9)	ND (<50)	ND (<9.9)	ND (<9.9)
STLC Metals / SW846-6010B (T22.11.5.AII)								
Aluminum	--	--	mg/L	378	171	75.7	177	463
Antimony	--	15	mg/L	2.15	5.1	2.24	0.166	3.01
Arsenic	--	5	mg/L	0.185	ND (<0.15)	ND (<0.15)	ND (<0.15)	ND (<0.15)
Barium	--	100	mg/L	5.97	7.46	1.17	0.137	4.93
Beryllium	--	0.75	mg/L	ND (<0.1)	ND (<0.1)	ND (<0.1)	0.201	0.132
Cadmium	--	1	mg/L	**18.2**	**1.71**	0.239	ND (<0.1)	0.438
Calcium	--	--	mg/L	1,080	1,210	1,100	27.3	196
Chromium	--	5	mg/L	1.98	0.966	0.853	0.193	1.89
Cobalt	--	80	mg/L	0.766	0.823	0.625	ND (<0.1)	0.84
Copper	--	25	mg/L	0.559	2.95	5.16	0.553	0.441
Iron	--	--	mg/L	457	396	125	23	441
Lead	--	5	mg/L	**45.9**	**33.4**	2.76	0.236	**6.94**
Magnesium	--	--	mg/L	210	454	1,510	2,250	1,760
Manganese	--	--	mg/L	7.93	6.74	7.83	9.7	11.8
Nickel	--	20	mg/L	1.87	2.06	10.2	0.209	1.6
Potassium	--	--	mg/L	51.1	57.9	30.4	148	116
Selenium	--	1	mg/L	ND (<0.15)	ND (<0.15)	ND (<0.15)	ND (<0.15)	ND (<0.15)
Silver	--	5	mg/L	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)
Thallium	--	7	mg/L	ND (<0.15)	ND (<0.15)	ND (<0.15)	ND (<0.15)	ND (<0.15)
Vanadium	--	24	mg/L	0.363	0.207	0.18	ND (<0.1)	0.144
Zinc	--	250	mg/L	167	140	135	6.95	243

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Table 8
Split Sample Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

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Parameters	Regional Screening Level (Residential / Industrial)	Applicable Screening Limits (TCLP, STLC, TTLC)	Field Sample ID:	MWF-Src-Debris-031	MWF-Src-Debris-032	MWF-Src-Powder-001	MWF-Src-Powder-002	MWF-Src-Soil-003
			Sample Date:	6/23/2016	6/23/2016	6/23/2016	6/23/2016	6/23/2016
			Laboratory Job Number:	16-06-1788	16-06-1788	16-06-1788	16-06-1788	16-06-1788
TCLP Metals / SW846-6010B (1311)								
Aluminum	--	--	mg/L	40.5	2.32	0.886	13.9	2.68
Antimony	--	--	mg/L	ND (<0.15)	0.474	0.393	ND (<0.15)	0.169
Arsenic	--	5	mg/L	0.11	ND (<0.1)	0.131	ND (<0.1)	ND (<0.1)
Barium	--	100	mg/L	1.73	1.59	ND (<1)	ND (<1)	2.4
Beryllium	--	--	mg/L	ND (<0.1)	ND (<0.1)	ND (<0.1)	ND (<0.1)	ND (<0.1)
Cadmium	--	1	mg/L	**3.73**	0.441	ND (<0.1)	ND (<0.1)	ND (<0.1)
Calcium	--	--	mg/L	312	529	1,300	15.9	74.7
Chromium	--	5	mg/L	0.17	ND (<0.1)	ND (<0.1)	ND (<0.1)	ND (<0.1)
Cobalt	--	--	mg/L	0.126	0.144	ND (<0.1)	ND (<0.1)	ND (<0.1)
Copper	--	--	mg/L	0.775	0.188	0.43	0.471	0.247
Iron	--	--	mg/L	96.1	18.6	ND (<1)	ND (<1)	1.06
Lead	--	5	mg/L	2.06	0.64	0.316	0.142	0.755
Magnesium	--	--	mg/L	71.7	228	576	1,300	612
Manganese	--	--	mg/L	2.29	1.78	0.695	2.13	2.4
Nickel	--	--	mg/L	0.32	0.328	0.971	ND (<0.1)	ND (<0.1)
Potassium	--	--	mg/L	15.5	21.6	15.6	63.1	44.9
Selenium	--	1	mg/L	ND (<0.15)	ND (<0.15)	ND (<0.15)	ND (<0.15)	ND (<0.15)
Silver	--	5	mg/L	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)
Thallium	--	--	mg/L	ND (<0.15)	ND (<0.15)	ND (<0.15)	ND (<0.15)	ND (<0.15)
Vanadium	--	--	mg/L	ND (<0.1)	ND (<0.1)	ND (<0.1)	ND (<0.1)	ND (<0.1)
Zinc	--	--	mg/L	85.7	35.6	1.34	1.9	2.21
PCBs / SW846-8082								
Aroclor 1016	4,100 / 27,000	--	µg/kg	ND (<990)	ND (<980)	ND (<50)	ND (<990)	ND (<980)
Aroclor 1221	200 / 830	--	µg/kg	ND (<990)	ND (<980)	ND (<50)	ND (<990)	ND (<980)
Aroclor 1232	170 / 720	--	µg/kg	ND (<990)	ND (<980)	ND (<50)	ND (<990)	ND (<980)
Aroclor 1242	230 / 950	--	µg/kg	ND (<990)	ND (<980)	ND (<50)	ND (<990)	**640,000**
Aroclor 1248	230 / 950	--	µg/kg	ND (<990)	ND (<980)	ND (<50)	ND (<990)	ND (<980)
Aroclor 1254	240 / 970	--	µg/kg	ND (<990)	ND (<980)	ND (<50)	ND (<990)	ND (<980)
Aroclor 1260	240 / 990	--	µg/kg	ND (<990)	ND (<980)	ND (<50)	ND (<990)	ND (<980)
Aroclor 1262	--	--	µg/kg	ND (<990)	ND (<980)	ND (<50)	ND (<990)	ND (<980)
Aroclor 1268	--	--	µg/kg	ND (<990)	ND (<980)	ND (<50)	ND (<990)	ND (<980)
SVOCs / SW846-8270C								
1,2,4-TRICHLOROBENZENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
1,2-DICHLOROBENZENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
1,3-DICHLOROBENZENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
1,4-DICHLOROBENZENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
1-METHYLNAPHTHALENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
2,4,5-TRICHLOROPHENOL		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
2,4,6-TRICHLOROPHENOL		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
2,4-DICHLOROPHENOL		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
2,4-DIMETHYLPHENOL		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
2,4-DINITROPHENOL		--	mg/kg	ND (<50)	ND (<49)	ND (<13)	ND (<49)	ND (<50)
2,4-DINITROTOLUENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
2,6-DICHLOROPHENOL		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
2,6-DINITROTOLUENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)

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Table 8
Split Sample Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

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Parameters	Regional Screening Level (Residential / Industrial)	Applicable Screening Limits (TCLP, STLC, TTLC)	Field Sample ID:	MWF-Src-Debris-031	MWF-Src-Debris-032	MWF-Src-Powder-001	MWF-Src-Powder-002	MWF-Src-Soil-003
			Sample Date:	6/23/2016	6/23/2016	6/23/2016	6/23/2016	6/23/2016
			Laboratory Job Number:	16-06-1788	16-06-1788	16-06-1788	16-06-1788	16-06-1788
2-CHLORONAPHTHALENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
2-CHLOROPHENOL		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
2-METHYLNAPHTHALENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
2-METHYLPHENOL		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
2-NITROANILINE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
2-NITROPHENOL		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
3,3'-DICHLOROBENZIDINE		--	mg/kg	ND (<200)	ND (<190)	ND (<50)	ND (<190)	ND (<200)
3/4-METHYLPHENOL		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
3-NITROANILINE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
4,6-DINITRO-2-METHYLPHENOL		--	mg/kg	ND (<50)	ND (<49)	ND (<13)	ND (<49)	ND (<50)
4-BROMOPHENYL-PHENYLETHER		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
4-CHLORO-3-METHYLPHENOL		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
4-CHLOROANILINE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
4-CHLOROPHENYL-PHENYLETHER		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
4-NITROANILINE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
4-NITROPHENOL		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
ACENAPHTHENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
ACENAPHTHYLENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	18
ANILINE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
ANTHRACENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
AZOBENZENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
BENZIDINE		--	mg/kg	ND (<200)	ND (<190)	ND (<50)	ND (<190)	ND (<200)
BENZO(A)ANTHRACENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
BENZO(A)PYRENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
BENZO(B)FLUORANTHENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
BENZO(G,H,I)PERYLENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
BENZO(K)FLUORANTHENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
BENZOIC ACID	250,000 / 3,300,000	--	mg/kg	ND (<50)	ND (<49)	ND (<13)	ND (<49)	ND (<50)
BENZYL ALCOHOL		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
BIS(2-CHLOROETHOXY)METHANE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
Bis(2-chloroethyl)ether		--	mg/kg	ND (<50)	ND (<49)	ND (<13)	ND (<49)	ND (<50)
BIS(2-CHLOROISOPROPYL)ETHER		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	mg/kg	120	98	13	ND (<9.7)	87
Butylbenzylphthalate		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
CHRYSENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
DIBENZ(A,H)ANTHRACENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
DIBENZOFURAN		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
Diethylphthalate		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
Dimethylphthalate		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
DI-N-BUTYL PHTHALATE	--	--	mg/kg	ND (<9.9)	33	3.5	ND (<9.7)	ND (<9.9)
DI-N-OCTYL PHTHALATE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
FLUORANTHENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
FLUORENE	4,700 / 70,000	--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	14
HEXACHLOROBENZENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
HEXACHLOROBUTADIENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
HEXACHLOROCYCLOPENTADIENE		--	mg/kg	ND (<50)	ND (<49)	ND (<13)	ND (<49)	ND (<50)

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Table 8
Split Sample Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

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Parameters	Regional Screening Level (Residential / Industrial)	Applicable Screening Limits (TCLP, STLC, TTLC)	Field Sample ID:	MWF-Src-Debris-031	MWF-Src-Debris-032	MWF-Src-Powder-001	MWF-Src-Powder-002	MWF-Src-Soil-003
			Sample Date:	6/23/2016	6/23/2016	6/23/2016	6/23/2016	6/23/2016
			Laboratory Job Number:	16-06-1788	16-06-1788	16-06-1788	16-06-1788	16-06-1788
HEXACHLOROETHANE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
INDENO(1,2,3-CD)PYRENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
ISOPHORONE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
NAPHTHALENE	--	--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	32
NITROBENZENE		--	mg/kg	ND (<50)	ND (<49)	ND (<13)	ND (<49)	ND (<50)
N-NITROSODIMETHYLAMINE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
N-NITROSO-DI-N-PROPYLAMINE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
N-NITROSODIPHENYLAMINE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
PENTACHLOROPHENOL		--	mg/kg	ND (<50)	ND (<49)	ND (<13)	ND (<49)	ND (<50)
PHENANTHRENE	--	--	mg/kg	ND (<9.9)	ND (<9.7)	2.5	ND (<9.7)	27
PHENOL	19,000 / 250,000	--	mg/kg	ND (<9.9)	ND (<9.7)	3.1	ND (<9.7)	19
PYRENE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
PYRIDINE		--	mg/kg	ND (<9.9)	ND (<9.7)	ND (<2.5)	ND (<9.7)	ND (<9.9)
Dioxins / Furans / SW846-8290A								
1,2,3,4,6,7,8-Heptachlorodibenzofuran		--	ng/kg	859	1,030	7.71	ND (<4.96)	318
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin		--	ng/kg	272	360	6.03	ND (<4.96)	434
1,2,3,4,7,8,9-Heptachlorodibenzofuran		--	ng/kg	202	278	ND (<4.99)	ND (<4.96)	49.1 Q
1,2,3,4,7,8-Hexachlorodibenzofuran		--	ng/kg	326	435	ND (<4.99)	ND (<4.96)	91.5
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin		--	ng/kg	15.3 Q	27.8 Q	ND (<4.99)	ND (<4.96)	ND (<48.1)
1,2,3,6,7,8-Hexachlorodibenzofuran		--	ng/kg	412	529	ND (<4.99)	ND (<4.96)	79.5
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin		--	ng/kg	30.7	53.5	ND (<4.99)	ND (<4.96)	ND (<48.1)
1,2,3,7,8,9-Hexachlorodibenzofuran		--	ng/kg	166	201	ND (<4.99)	ND (<4.96)	ND (<48.1)
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin		--	ng/kg	25.5 Q	43.7	ND (<4.99)	ND (<4.96)	ND (<48.1)
1,2,3,7,8-Pentachlorodibenzofuran		--	ng/kg	358	468	ND (<4.99)	ND (<4.96)	56.8
1,2,3,7,8-Pentachlorodibenzo-p-dioxin		--	ng/kg	19.9	36.8	ND (<4.99)	ND (<4.96)	ND (<48.1)
2,3,4,6,7,8-Hexachlorodibenzofuran		--	ng/kg	376	457	ND (<4.99)	ND (<4.96)	105
2,3,4,7,8-Pentachlorodibenzofuran		--	ng/kg	356	624	ND (<4.99)	ND (<4.96)	135
2,3,7,8-Tetrachlorodibenzofuran		--	ng/kg	167	216	1.12	ND (<0.991)	54.7
2,3,7,8-Tetrachlorodibenzo-p-dioxin		--	ng/kg	5.32	9.03	ND (<0.998)	ND (<0.991)	ND (<9.62)
Octachlorodibenzofuran (OCDF)		--	ng/kg	539	672	ND (<9.98)	ND (<9.91)	306
Octachlorodibenzo-p-dioxin (OCDD)		--	ng/kg	1,310	1,160	ND (<9.98)	11.3	1,400

Notes:
Bold results exceed applicable limits for characteristic hazardous wastes
ND (<X) = constituents(s) not detected at or above method detection limit
mg/kg = milligram per kilogram
µg/kg = microgram per kilogram
ng/kg = nanogram per kilogram
mg/L = milligram per liter
**** = excludes barium sulfate
Q = Estimated Maximum Possible Concentration

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Table 8
Split Sample Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

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Parameters	Regional Screening Level (Residential / Industrial)	Applicable Screening Limits (TCLP, STLC, TTLC)	Field Sample ID:	MWF-Src-Soil-026	MWF-Src-Soil-027	MWF-Src-Soil-028
			Sample Date:	6/23/2016	6/23/2016	6/23/2016
			Laboratory Job Number:	16-06-1788	16-06-1788	16-06-1788
Total Metals / SW846-6010B / 7471A						
Aluminum	77,000 / 1,100,000	--	mg/kg	ND (<0.1)	16.3	ND (<0.1)
Antimony	31 / 470	500	mg/kg	ND (<0.15)	ND (<0.05)	ND (<0.15)
Arsenic	0.68 / 3.0	500	mg/kg	25.8	1.92	8.34
Barium ****	15,000 / 220,000	10,000	mg/kg	1.28	0.907	1,100
Beryllium	160 / 2,300	75	mg/kg	ND (<0.05)	**4,370**	**927**
Cadmium	71 / 980	100	mg/kg	**218**	**136**	**237**
Calcium	--	--	mg/kg	18.2	1,080	1.98
Chromium	120,000 / 1,800,000	500	mg/kg	**87,300**	291	**5,190**
Cobalt	23 / 350	8,000	mg/kg	6,560	4,670	0.328
Copper	3,100 / 47,000	2,500	mg/kg	1,100	0.853	0.625
Iron	--	--	mg/kg	6,960	4,320	4,840
Lead	400 / 800	1,000	mg/kg	0.209	ND (<0.1)	63.1
Magnesium	--	--	mg/kg	1.89	0.84	0.441
Manganese	1,800 / 26,000	--	mg/kg	1.45	0.21	0.107
Mercury	11 / 46	20	mg/kg	**1,110**	**2,020**	ND (<0.05)
Nickel	840 / 12,000	2,000	mg/kg	ND (<0.758)	ND (<0.777)	ND (<7.39)
Potassium	--	--	mg/kg	ND (<1)	ND (<0.1)	ND (<0.1)
Selenium	390 / 5,800	100	mg/kg	ND (<0.15)	**681**	**747**
Silver	390 / 5,800	500	mg/kg	**2,690**	**781**	ND (<0.5)
Sodium	--	--	mg/kg	ND (<0.5)	ND (<0.5)	ND (<0.5)
Thallium	0.78 / 12	700	mg/kg	ND (<0.5)	ND (<0.5)	ND (<2.5)
Vanadium	390 / 5,800	2,400	mg/kg	ND (<9.7)	ND (<9.7)	ND (<9.7)
Zinc	23,000 / 350,000	5,000	mg/kg	ND (<9.9)	ND (<9.9)	ND (<50)
STLC Metals / SW846-6010B (T22.11.5.AII)						
Aluminum	--	--	mg/L	143	148	1.24
Antimony	--	15	mg/L	1.56	4.96	ND (<0.15)
Arsenic	--	5	mg/L	0.229	ND (<0.15)	ND (<0.15)
Barium	--	100	mg/L	3.6	17.9	0.143
Beryllium	--	0.75	mg/L	ND (<0.1)	ND (<0.1)	ND (<0.1)
Cadmium	--	1	mg/L	0.395	0.569	ND (<0.1)
Calcium	--	--	mg/L	1,760	1,260	9.82
Chromium	--	5	mg/L	0.766	0.302	ND (<0.1)
Cobalt	--	80	mg/L	0.335	0.717	ND (<0.1)
Copper	--	25	mg/L	0.308	0.143	0.205
Iron	--	--	mg/L	238	94.5	1.78
Lead	--	5	mg/L	2.94	2.51	0.222
Magnesium	--	--	mg/L	329	2,030	8.01
Manganese	--	--	mg/L	6.35	7.08	0.0608
Nickel	--	20	mg/L	0.844	0.785	0.211
Potassium	--	--	mg/L	36.1	94.4	7.8
Selenium	--	1	mg/L	ND (<0.15)	ND (<0.15)	ND (<0.15)
Silver	--	5	mg/L	ND (<0.05)	ND (<0.05)	ND (<0.05)
Thallium	--	7	mg/L	ND (<0.15)	ND (<0.15)	ND (<0.15)
Vanadium	--	24	mg/L	0.416	0.169	ND (<0.1)
Zinc	--	250	mg/L	70.2	140	2.72

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Table 8
Split Sample Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

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Parameters	Regional Screening Level (Residential / Industrial)	Applicable Screening Limits (TCLP, STLC, TTLC)	Field Sample ID:	MWF-Src-Soil-026	MWF-Src-Soil-027	MWF-Src-Soil-028
			Sample Date:	6/23/2016	6/23/2016	6/23/2016
			Laboratory Job Number:	16-06-1788	16-06-1788	16-06-1788
TCLP Metals / SW846-6010B (1311)						
Aluminum	--	--	mg/L	1.45	1.59	ND (<0.5)
Antimony	--	--	mg/L	0.21	ND (<0.15)	ND (<0.15)
Arsenic	--	5	mg/L	0.107	ND (<0.1)	ND (<0.1)
Barium	--	100	mg/L	1.01	ND (<1)	ND (<1)
Beryllium	--	--	mg/L	ND (<0.1)	ND (<0.1)	ND (<0.1)
Cadmium	--	1	mg/L	0.2	ND (<0.1)	ND (<0.1)
Calcium	--	--	mg/L	943	216	6.23
Chromium	--	5	mg/L	ND (<0.1)	ND (<0.1)	ND (<0.1)
Cobalt	--	--	mg/L	0.123	ND (<0.1)	ND (<0.1)
Copper	--	--	mg/L	0.284	0.206	0.105
Iron	--	--	mg/L	1.43	ND (<1)	ND (<1)
Lead	--	5	mg/L	0.461	0.431	ND (<0.1)
Magnesium	--	--	mg/L	147	237	3.02
Manganese	--	--	mg/L	1.43	0.06	ND (<0.05)
Nickel	--	--	mg/L	0.159	ND (<0.1)	ND (<0.1)
Potassium	--	--	mg/L	15.3	39	ND (<5)
Selenium	--	1	mg/L	0.161	ND (<0.15)	ND (<0.15)
Silver	--	5	mg/L	ND (<0.05)	ND (<0.05)	ND (<0.05)
Thallium	--	--	mg/L	ND (<0.15)	ND (<0.15)	ND (<0.15)
Vanadium	--	--	mg/L	ND (<0.1)	ND (<0.1)	ND (<0.1)
Zinc	--	--	mg/L	19.2	0.783	1.82
PCBs / SW846-8082						
Aroclor 1016	4,100 / 27,000	--	µg/kg	ND (<200)	ND (<1,000)	ND (<200)
Aroclor 1221	200 / 830	--	µg/kg	ND (<200)	ND (<1,000)	ND (<200)
Aroclor 1232	170 / 720	--	µg/kg	ND (<200)	ND (<1,000)	ND (<200)
Aroclor 1242	230 / 950	--	µg/kg	ND (<200)	ND (<1,000)	ND (<200)
Aroclor 1248	230 / 950	--	µg/kg	ND (<200)	ND (<1,000)	ND (<200)
Aroclor 1254	240 / 970	--	µg/kg	ND (<200)	ND (<1,000)	ND (<200)
Aroclor 1260	240 / 990	--	µg/kg	ND (<200)	ND (<1,000)	ND (<200)
Aroclor 1262	--	--	µg/kg	ND (<200)	ND (<1,000)	ND (<200)
Aroclor 1268	--	--	µg/kg	ND (<200)	ND (<1,000)	ND (<200)
SVOCs / SW846-8270C						
1,2,4-TRICHLOROBENZENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
1,2-DICHLOROBENZENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
1,3-DICHLOROBENZENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
1,4-DICHLOROBENZENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
1-METHYLNAPHTHALENE		--	mg/kg	ND (<10)	ND (<9.8)	2.6
2,4,5-TRICHLOROPHENOL		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
2,4,6-TRICHLOROPHENOL		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
2,4-DICHLOROPHENOL		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
2,4-DIMETHYLPHENOL		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
2,4-DINITROPHENOL		--	mg/kg	ND (<50)	ND (<49)	ND (<10)
2,4-DINITROTOLUENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
2,6-DICHLOROPHENOL		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
2,6-DINITROTOLUENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)

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Table 8
Split Sample Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

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Parameters	Regional Screening Level (Residential / Industrial)	Applicable Screening Limits (TCLP, STLC, TTLC)	Field Sample ID:	MWF-Src-Soil-026	MWF-Src-Soil-027	MWF-Src-Soil-028
			Sample Date:	6/23/2016	6/23/2016	6/23/2016
			Laboratory Job Number:	16-06-1788	16-06-1788	16-06-1788
2-CHLORONAPHTHALENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
2-CHLOROPHENOL		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
2-METHYLNAPHTHALENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
2-METHYLPHENOL		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
2-NITROANILINE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
2-NITROPHENOL		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
3,3'-DICHLOROBENZIDINE		--	mg/kg	ND (<200)	ND (<200)	ND (<40)
3/4-METHYLPHENOL		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
3-NITROANILINE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
4,6-DINITRO-2-METHYLPHENOL		--	mg/kg	ND (<50)	ND (<49)	ND (<10)
4-BROMOPHENYL-PHENYLETHER		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
4-CHLORO-3-METHYLPHENOL		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
4-CHLOROANILINE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
4-CHLOROPHENYL-PHENYLETHER		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
4-NITROANILINE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
4-NITROPHENOL		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
ACENAPHTHENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
ACENAPHTHYLENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
ANILINE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
ANTHRACENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
AZOBENZENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
BENZIDINE		--	mg/kg	ND (<200)	ND (<200)	ND (<40)
BENZO(A)ANTHRACENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
BENZO(A)PYRENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
BENZO(B)FLUORANTHENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
BENZO(G,H,I)PERYLENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
BENZO(K)FLUORANTHENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
BENZOIC ACID	250,000 / 3,300,000	--	mg/kg	ND (<50)	ND (<49)	51
BENZYL ALCOHOL		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
BIS(2-CHLOROETHOXY)METHANE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
Bis(2-chloroethyl)ether		--	mg/kg	ND (<50)	ND (<49)	ND (<10)
BIS(2-CHLOROISOPROPYL)ETHER		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	mg/kg	39	73	110
Butylbenzylphthalate		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
CHRYSENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
DIBENZ(A,H)ANTHRACENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
DIBENZOFURAN		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
Diethylphthalate		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
Dimethylphthalate		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
DI-N-BUTYL PHTHALATE	--	--	mg/kg	13	ND (<9.8)	ND (<2)
DI-N-OCTYL PHTHALATE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
FLUORANTHENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
FLUORENE	4,700 / 70,000	--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
HEXACHLOROBENZENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
HEXACHLOROBUTADIENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
HEXACHLOROCYCLOPENTADIENE		--	mg/kg	ND (<50)	ND (<49)	ND (<10)

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Table 8
Split Sample Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

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Parameters	Regional Screening Level (Residential / Industrial)	Applicable Screening Limits (TCLP, STLC, TTLC)	Field Sample ID:	MWF-Src-Soil-026	MWF-Src-Soil-027	MWF-Src-Soil-028
			Sample Date:	6/23/2016	6/23/2016	6/23/2016
			Laboratory Job Number:	16-06-1788	16-06-1788	16-06-1788
HEXACHLOROETHANE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
INDENO(1,2,3-CD)PYRENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
ISOPHORONE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
NAPHTHALENE	--	--	mg/kg	ND (<10)	ND (<9.8)	5.7
NITROBENZENE		--	mg/kg	ND (<50)	ND (<49)	ND (<10)
N-NITROSODIMETHYLAMINE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
N-NITROSO-DI-N-PROPYLAMINE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
N-NITROSODIPHENYLAMINE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
PENTACHLOROPHENOL		--	mg/kg	ND (<50)	ND (<49)	ND (<10)
PHENANTHRENE	--	--	mg/kg	ND (<10)	ND (<9.8)	2.4
PHENOL	19,000 / 250,000	--	mg/kg	ND (<10)	ND (<9.8)	10
PYRENE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
PYRIDINE		--	mg/kg	ND (<10)	ND (<9.8)	ND (<2)
Dioxins / Furans / SW846-8290A						
1,2,3,4,6,7,8-Heptachlorodibenzofuran		--	ng/kg	174	555	1,280
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin		--	ng/kg	71.1	536	1,520
1,2,3,4,7,8,9-Heptachlorodibenzofuran		--	ng/kg	47.3	126	110
1,2,3,4,7,8-Hexachlorodibenzofuran		--	ng/kg	74.7	202	154
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin		--	ng/kg	ND (<4.91)	30.6	26.9
1,2,3,6,7,8-Hexachlorodibenzofuran		--	ng/kg	91.1	235	137
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin		--	ng/kg	8.99	61.8	70.3
1,2,3,7,8,9-Hexachlorodibenzofuran		--	ng/kg	34.8	93.3	45.8
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin		--	ng/kg	6.66	47.4	50.2
1,2,3,7,8-Pentachlorodibenzofuran		--	ng/kg	84.8	240	57.1
1,2,3,7,8-Pentachlorodibenzo-p-dioxin		--	ng/kg	6.04	37.4	19
2,3,4,6,7,8-Hexachlorodibenzofuran		--	ng/kg	78.2	208	163
2,3,4,7,8-Pentachlorodibenzofuran		--	ng/kg	120	273	94.9
2,3,7,8-Tetrachlorodibenzofuran		--	ng/kg	42.1	157	30.5
2,3,7,8-Tetrachlorodibenzo-p-dioxin		--	ng/kg	1.56	8.22	3.84
Octachlorodibenzofuran (OCDF)		--	ng/kg	100	486	1,640
Octachlorodibenzo-p-dioxin (OCDD)		--	ng/kg	317	1,860	8970 J

Notes:
Bold results exceed applicable limits for characteristic hazardous wastes
ND (<X) = constituents(s) not detected at or above method detection limit
mg/kg = milligram per kilogram
µg/kg = microgram per kilogram
ng/kg = nanogram per kilogram
mg/L = milligram per liter
**** = excludes barium sulfate
Q = Estimated Maximum Possible Concentration

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