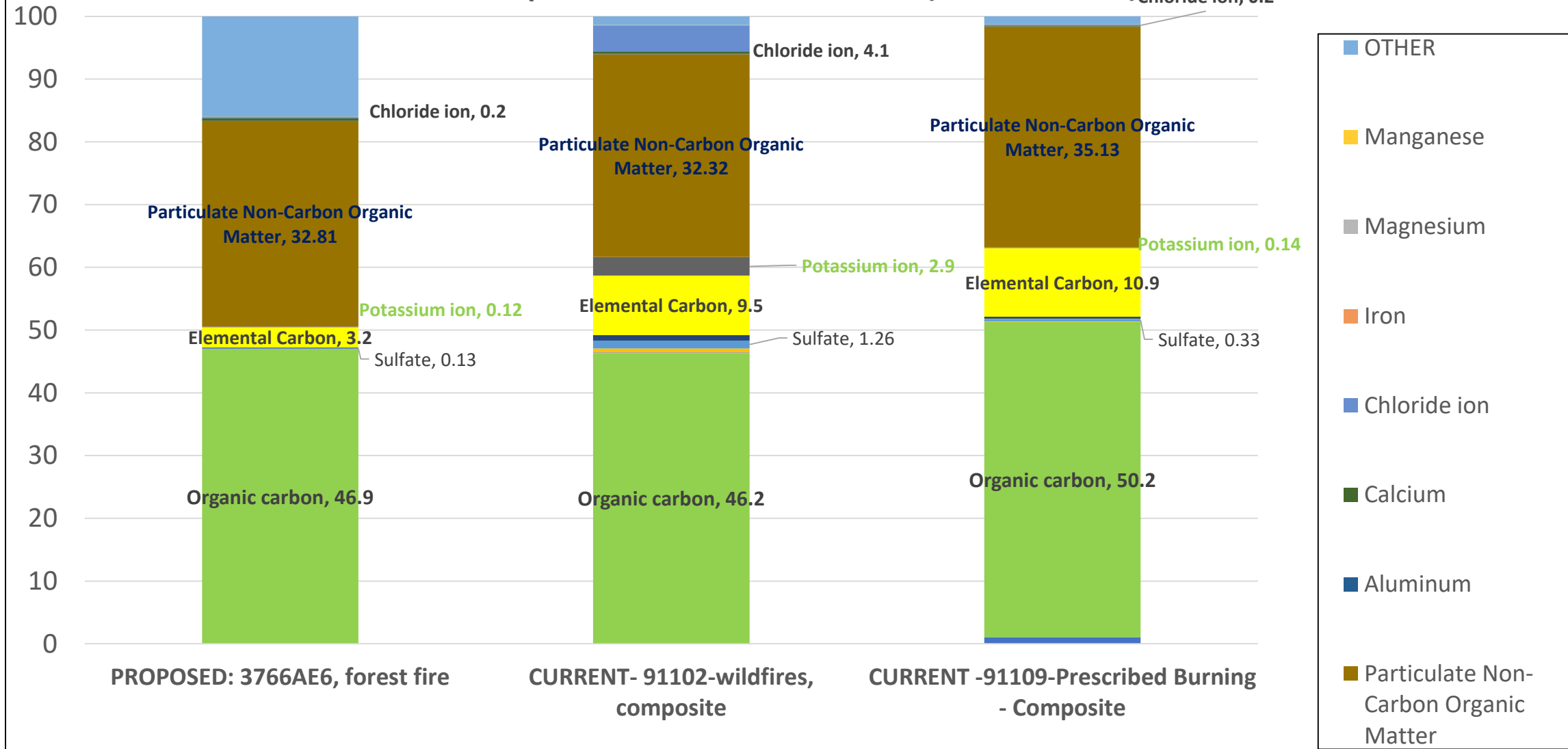


PM2.5 speciation profile change for Carbon Bond 6 (CB6) for 2016v1

2016 Fire Workgroup

7/18/2019

A Comparison of PM Profiles - Fires (% breakdown)



NAME	New in 2016v1: 3766AE6, forest fire	CURRENT-91102-wildfires, composite	CURRENT-91109-Prescribed Burning - Composite
Organic carbon	46.877	46.177	50.189
Particulate Non-Carbon Organic Matter	32.814	32.324	35.132
OTHER	15.986	1.366	1.252
Elemental Carbon	3.227	9.489	10.927
Calcium	0.369	0.386	0.072
Chloride ion	0.207	4.149	0.239
Sulfate	0.133	1.261	0.330
Potassium ion	0.120	2.940	0.135
Ammonium	0.111	0.879	0.341
Silicon	0.062	0.182	0.010
Nitrate	0.028	0.132	1.070
Iron	0.018	0.043	0.045
Magnesium	0.018	0.031	
Aluminum	0.015	0.061	0.046
Sodium	0.012	0.573	0.135
Titanium	0.002	0.005	0.067
Manganese	0.001	0.002	0.011