3.4 Reid Vapor Pressure Emissions Comparisons

On-road emissions estimates for this maintenance plan update are modeled with both 7.8 psi Reid Vapor Pressure (RVP) gasoline (Appendix B) and 9.0 RVP gasoline for three projection years: 2008, 2011, and 2014 (Appendix C). This modeling shows an insignificant increase in VOC emissions. Clearly, the relatively small increase in VOC emissions from using 9.0 RVP fuel does not obviate the overall demonstration of maintenance in the plan. Furthermore, Table 3-4 below demonstrates that all projection-year VOC levels with 9.0 psi RVP are less than the 2002 attainment year VOC on-road emissions inventory modeled with 7.8 RVP.

Table 3-4 RVP Comparison
Effect on VOC Emissions

	7.8 RVP	9.0 RVP
Year	VOC (tpd)	VOC (tpd)
2002	1.27	N/A
2008	0.80	0.90
2011	0.63	0.70
2014	0.52	0.57