

# Alaska Department of Environmental Conservation



## Amendments to: State Air Quality Control Plan

Volume III: Appendix III.K.9

Reasonable Progress Goals

Appendix to  
Section III. K: Areawide Pollutant Control Program  
for Regional Haze

**Adopted**

**February 11, 2011**

**(This page serves as a placeholder for two-sided copying)**

## Reasonable Progress Goals

### Glidepath Uncertainty Calculations for Denali

<b>Baseline</b>	9.9	<b>Hist Std Dev</b>	0.5	dv
<b>Natural Condition</b>	7.3	<b>WEP Trend</b>	0.2%	% to 2018
<b>Reduction for 2018</b>	0.0			

	<b>History</b>	<b>History</b>		<b>URP</b>		<b>Baseline</b>	<b>WEP Trend</b>
	<b>dv's</b>	<b>dv's</b>		<b>dv's</b>		<b>dv's</b>	<b>dv's</b>
2000	10.6	10.6				9.9	
2001	9.1	9.1				9.9	
2002	10.2	10.2				9.9	
2003	9.9	9.9				9.9	
2004	9.4	9.4	8.8	9.9	11.0	9.9	9.9
2005	10.4	10.4	8.8	9.9	10.9		9.9
2006	9.8	9.8	8.8	9.8	10.9		9.9
2007			8.7	9.8	10.8		9.9
2008			8.7	9.7	10.8		9.9
2009			8.6	9.7	10.7		9.9
2010			8.6	9.6	10.7		9.9
2011			8.5	9.6	10.6		9.9
2012			8.5	9.6	10.6		9.9
2013			8.5	9.5	10.6		9.9
2014			8.4	9.5	10.5		9.9
2015			8.4	9.4	10.5		9.9
2016			8.3	9.4	10.4		9.9
2017			8.3	9.3	10.4		9.9
2018			8.2	9.3	10.3		9.9

**Glidepath Uncertainty Calculations for Trapper Creek**

<b>Baseline</b>	11.6	<b>Hist Std Dev</b>	0.8	dv
			-	
<b>Natural Condition</b>	8.4	<b>WEP Trend</b>	2.0%	% to 2018
<b>Reduction for 2018</b>	0.2			

	<b>History</b>	<b>History</b>		<b>URP</b>		<b>Baseline</b>	<b>WEP Trend</b>
	<b>dv's</b>	<b>dv's</b>		<b>dv's</b>		<b>dv's</b>	<b>dv's</b>
2000						11.6	
2001						11.6	
2002	11.6	11.6				11.6	
2003	11.1	11.1				11.6	
2004	12.2	12.2	10.1	11.6	13.1	11.6	11.6
2005	13.1	13.1	10.0	11.6	13.1		11.6
2006	11.6	11.6	10.0	11.5	13.0		11.6
2007			9.9	11.4	13.0		11.6
2008			9.9	11.4	12.9		11.5
2009			9.8	11.3	12.9		11.5
2010			9.8	11.3	12.8		11.5
2011			9.7	11.2	12.8		11.5
2012			9.7	11.2	12.7		11.5
2013			9.6	11.1	12.7		11.5
2014			9.5	11.1	12.6		11.4
2015			9.5	11.0	12.6		11.4
2016			9.4	11.0	12.5		11.4
2017			9.4	10.9	12.4		11.4
2018			9.3	10.9	12.4		11.4

**Glidepath Uncertainty Calculations for Simeonof**

<b>Baseline</b>	18.6	<b>Hist Std Dev</b>	0.6	dv
			-	
<b>Natural Condition Reduction for 2018</b>	15.6 0.4	<b>WEP Trend</b>	2.5%	% to 2018

	<b>History dv's</b>	<b>History dv's</b>	<b>URP dv's</b>	<b>Baseline dv's</b>	<b>WEP Trend dv's</b>
2000				18.6	
2001				18.6	
2002	18.8	18.8		18.6	
2003	18.2	18.2		18.6	
2004	18.6	18.6	17.5	18.6	19.7
2005	17.5	17.5	17.5	18.6	19.6
2006	18.7	18.7	17.4	18.5	19.6
2007			17.4	18.5	19.5
2008			17.3	18.4	19.5
2009			17.3	18.4	19.4
2010			17.2	18.3	19.4
2011			17.2	18.3	19.3
2012			17.1	18.2	19.3
2013			17.1	18.2	19.2
2014			17.0	18.1	19.2
2015			17.0	18.1	19.1
2016			16.9	18.0	19.1
2017			16.9	18.0	19.0
2018			16.8	17.9	19.0

**Glidepath Uncertainty Calculations for Tuxedni**

<b>Baseline</b>	14.1	<b>Hist Std Dev</b>	1.0	dv
			-	% to
<b>Natural Condition</b>	11.3	<b>WEP Trend</b>	15.0%	2018
<b>Reduction for 2018</b>	2.1			

	<b>History dv's</b>	<b>History dv's</b>		<b>URP dv's</b>		<b>Baseline dv's</b>	<b>WEP Trend dv's</b>
2000						14.1	
2001						14.1	
2002	15.5	15.5				14.1	
2003	12.6	12.6				14.1	
2004	14.2	14.2	12.1	14.1	16.1	14.1	14.1
2005	14.4	14.4	12.1	14.1	16.0		13.9
2006	13.9	13.9	12.0	14.0	16.0		13.8
2007			12.0	14.0	16.0		13.6
2008			11.9	13.9	15.9		13.5
2009			11.9	13.9	15.9		13.3
2010			11.8	13.8	15.8		13.2
2011			11.8	13.8	15.8		13.0
2012			11.7	13.7	15.7		12.9
2013			11.7	13.7	15.7		12.7
2014			11.6	13.6	15.6		12.6
2015			11.6	13.6	15.6		12.4
2016			11.5	13.5	15.5		12.3
2017			11.5	13.5	15.5		12.1
2018			11.5	13.4	15.4		12.0