TABLE VI-C-5A

Summary of Annual PM2.5 Reasonable Further Progress Calculations

ROW	CALCULATION STEP	PM2.5	NOx	SOx	VOC	NH3
1	2012 Base Year Emissions (tpd)	66.4	540	18.4	470	81.1
2	Annual Percent Change Needed to Show Linear Progress (%)	0.27	4.8	0.43	2.2	0.83
3	2019 Target Needed to Show Linear Progress (tpd)	65.2	360	17.8	398	76.4
4	2019 Baseline Emissions (tpd)	63.9	353	16.6	376	74.0
5	Projected Shortfall (tpd)	0	0	0	0	0
6	Surplus in 2019 (tpd)	1.3	6.8	1.2	22.2	2.4
7	2022 Target Needed to Show Linear Progress (%)	64.6	283	17.6	367	74.4
8	2022 Emissions (tpd) *	64.1	275	17.0	348	72.6
9	Projected Shortfall (tpd)	0	0	0	0	0
10	Surplus in 2022 (tpd)	0.56	8.0	0.59	18.5	1.7
11	2025 Emissions (tpd) *	64.1	206	17.4	336	72.3

* Based on controlled emissions with emission reductions from non 182(e)(5) control measures committed in the 2016 AQMP

ROW 1: The 2012 Base Year emissions can be found in Appendix III taking into account existing rules and projected growth
ROW 2: [{(Row 1) -(Row 11)}/(Row 1)]/1316
ROW 3: {Row 1} – [(Row 1) x (Row 2) x 7)]
ROW 4: The projected 2019 quantitative milestone baseline emissions can be found in Appendix III taking into account existing rules and projected growth
ROW 5: (Row 4) – (Row 3); Negative numbers are denoted as zeros, representing no shortfall
ROW 6: (Row 3) – (Row 4)
ROW 7: (Row 1) – [(Row 1) x (Row 2) x 10)]
ROW 8: The projected 2022 quantitative milestone emissions can be found in Table VI-C-8
ROW 9: (Row 8) – (Row 7); Negative numbers are denoted as zeros, representing no shortfall
ROW 10: (Row 7) – (Row 8)
ROW 11: The projected 2025 attainment deadline emissions can be found in Table VI-C-9