

DEMONSTRATION OF ATTAINMENT  
NORTH SALT LAKE  
PROJECTED AMBIENT PM10 CONCENTRATIONS (4-DEC-88)

Source Catagory	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
(1) Major Point sources	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
Copper smelter	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Oil refinery cat crackers	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
Other point sources	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
Secondary Sulfate	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Secondary Nitrate	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
(2) Vehicle Sub-Total	44.8	44.5	43.4	42.6	42.2	41.7	41.2	41.4	40.9	40.7	41.2
Composite Mobile sources											
Leaded Gas Fueled	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1
Diesel Fueled	4.1	4.2	4.3	4.5	4.6	4.7	4.9	5.0	5.2	5.3	5.5
Unleaded Gas Fueled	1.9	2.0	2.0	2.1	2.1	2.2	2.3	2.3	2.4	2.5	2.6
Re-entrained road dust	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Road Salting	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Brakewear	4.9	5.0	5.2	5.3	5.5	5.6	5.8	6.0	6.2	6.3	6.5
Secondary Sulfate	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Secondary Nitrate	28.6	27.8	26.3	25.1	24.1	23.2	22.2	21.8	20.8	20.2	20.1
(3) Space Heating Sub-T	25.3	25.7	26.1	26.5	26.9	27.3	27.7	28.1	28.5	29.0	29.4
Wood Burning	11.6	11.8	12.0	12.2	12.4	12.5	12.7	12.9	13.1	13.3	13.5
Coal Burning	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Gas & Other Heating	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2
Secondary Sulfate	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
Secondary Nitrate	11.0	11.2	11.4	11.5	11.7	11.9	12.1	12.2	12.4	12.6	12.8
(4) Other sources	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
Trains	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Planes	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Secondary Sulfate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Secondary Nitrate	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
Total	136.1	136.1	135.4	135.1	135.0	134.9	134.9	135.4	135.3	135.6	136.6

TABLE 9.A.15