UTAH STATE DEPT. ENVIRONMENTAL QUALITY
DIVISION OF AIR QUALITY
PM10 SIP
Control Strategy Worksheet

Site: West Orem
Period: Highest Days 1988/89
Date: **6/18/02**
Projection: 2003

Source Category:	Percent Design Day Contribution:	Design Day Impact:	Additional Control:	Additional Growth:	Projected Attainment Impact:
(1) Geneva Steel Subtotal	63.30	167.0	63.1%	0.0%	61.65
Coke Stack	46.03	121.5	81.3%	0.0%	22.69
Open Hearth (Q-BOP)	10.01	26.4	18.8%	0.0%	21.44
Blast Furnace	0.00	0.0	-54.7%	0.0%	0.00
Sinter Plant	0.23	0.6	26.8%	0.0%	0.45
Secondary Sulfate	0.00	0.0	84.0%	0.0%	0.00
Secondary Nitrate	7.02	18.5	7.9%	0.0%	17.07
(2) Vehicle Subtotal	14.75	38.92			38.43
Composite Mobile Sources	1.46	3.9	15.0%	0.0%	3.29
Re-entrained Road Dust	0.00	0.0	0.0%	88.2%	0.00
Road Salting	2.20	5.8	20.0%	11.9%	5.20
Secondary Sulfate	0.00	0.0	-14.8%	0.0%	0.00
Secondary Nitrate	11.08	29.2	-2.4%	0.0%	29.94
(3) Space Heating Subtotal	17.00	44.9			15.75
Wood Burning	14.30	37.7	83.0%	0.0%	6.41
Coal Burning	0.03	0.1	83.0%	0.0%	0.01
Other Area Sources	0.17	0.4	0.0%	37.5%	0.61
Secondary Sulfate	0.00	0.0	0.0%	33.3%	0.00
Secondary Nitrate	2.51	6.6	0.0%	31.6%	8.71
(4) Other Point Sources Subtotal	4.95	13.1			21.82
B.Y.U. Power	0.24	0.6	87.9%	0.0%	0.08
Heckett	0.34	0.9	27.2%	0.0%	0.65
Geneva Nitrogen (LaRoche)	0.19	0.5	-12.6%	0.0%	0.55
U.P.&L. Hale	0.00	0.0	Included in "Other Pt. Sources" Category		
Other Point Sources	0.93	2.4	-79.5%	0.0%	4.39
Secondary Sulfate	0.00	0.0	31.9%	0.0%	0.00
Secondary Nitrate	3.26	8.6	-87.6%	0.0%	16.15
TOTAL	100.00	263.9			137.65

Design Day Value:	263.9	ug/m^3	17-Feb-89
Max. Concentration Value:	145.8	ug/m^3	
Projection Year:	2003		

Point Source scaling factor: 0.5

Home Heat scaling factor: 0.1

TABLE IX.A.6