

Appendix A: Control Technology Summary and Implementation Schedule

Compressor Station	Unit ID	Type	Current Permit Limits TPY		Ozone Rule Emission Standards g/hp-hr for engines; ppm for turbines		Total Allowable Under Ozone Rule (TPY)		Lower of Rule Emissions and Current Permit Limits (TPY)		Alternative Compliance Plan Summary	Total Emissions Under ACP (PPH)		Total Emission Under ACP (TPY)		Total Reduction Under ACP (TPY)		Implementation Schedule By Year
			NOx	CO	NOx	CO	NOx	CO	NOx	CO		NOx	CO	NOx	CO	NOx	CO	
Caprock	A-01	Turbine	201.0	32.9	50.0	50.0	53.4	20.1	53.4	20.1	Subject to AES for NOx; Reduce CO permit limits to actual plus 20%	--	6.2	--	27	--	5.9	2024
Caprock	A-02	Turbine	172.1	34.5	50.0	50.0	32.9	20.1	32.9	20.1	Subject to AES for NOx; Reduce CO permit limits to actual plus 20%	--	5.1	--	22.4	--	12.1	2024
Eunice M/L	B-01	Turbine	83.2	26.3	50.0	50.0	39.2	18.4	39.2	18.4	Solar Taurus 60 component exchange to lower emissions to 9 ppm NOx and 25 ppm CO	9 PPM	25PPM	7.1	10	76.1	16.3	2023
Eunice M/L	C-01	Turbine	25.4	30.9	50.0	50.0	50.8	28.9	25.4	28.9	Keep current NOx permit limits; Repermit to establish new CO limits	5.8	2.3	25.4	10	0.0	20.9	2027
Eunice M/L	C-02	Turbine	25.4	30.9	50.0	50.0	50.8	30.7	25.4	30.7	Keep current NOx permit limits; Repermit to establish new CO limits	5.8	2.3	25.4	10	0.0	20.9	2027
Eunice M/L	C-03	Engine	36.5	9.1	0.5	0.6	17.1	20.6	17.1	9.1	Install low emission combustion (LE) technology to reduce NOx emissions; Keep current CO permit limit.	0.5 g/hp-hr	2.1	17.1	9.1	19.4	0.0	2023
Monument Plant	A-01	Engine	125.0	11.8	3.0	0.6	29.0	5.8	29.0	5.8	Keep Current Permit Limits	28.6	2.7	125	11.8	0.0	0.0	2027
Monument Plant	A-02	Engine	125.0	11.8	3.0	0.6	29.0	5.8	29.0	5.8	Keep Current Permit Limits	28.6	2.7	125	11.8	0.0	0.0	2027
Monument Plant	A-03	Engine	125.0	11.8	3.0	0.6	29.0	5.8	29.0	5.8	Keep Current Permit Limits	28.6	2.7	125	11.8	0.0	0.0	2027
Monument Plant	A-04	Engine	17.1	19.7	3.0	0.6	29.0	5.8	17.1	5.8	Keep current NOx permit limits; Add Oxidation Catalyst for 70% CO reduction	3.9	1.35	17.1	5.9	0.0	13.8	2026
Monument Plant	A-05	Engine	17.1	19.7	3.0	0.6	29.0	5.8	17.1	5.8	Keep current NOx permit limits; Add Oxidation Catalyst for 70% CO reduction	3.9	1.35	17.1	5.9	0.0	13.8	2026
Monument Plant	B-01	Engine	38.5	44.0	3.0	0.6	66.0	13.2	38.5	13.2	Keep current NOx permit limits; Add Oxidation Catalyst for 70% CO reduction	8.8	3.0	38.5	13.1	0.0	30.9	2026
Pecos River	A-01	Turbine	233.0	35.0	50.0	50.0	56.5	28.4	56.5	28.4	Subject to AES for NOx; Keep current CO permit limits	--	8.0	--	35	--	0.0	2024
Pecos River	A-02	Turbine	233.0	35.0	50.0	50.0	56.5	28.4	56.5	28.4	Subject to AES for NOx; Keep current CO permit limits	--	8.0	--	35	--	0.0	2024
Pecos River	A-03	Turbine	233.0	35.0	50.0	50.0	56.5	28.4	56.5	28.4	Subject to AES for NOx; Keep current CO permit limits	--	8.0	--	35	--	0.0	2024
Rio Vista	A-01	Turbine	17.5	29.2	150.0	50.0	17.5	10.0	17.5	10.0	Keep current NOx permit limits; Reduce CO permit limits to actual plus 20%	4.0	4.5	17.5	19.9	0.0	9.3	2027
Rio Vista	A-02	Turbine	17.5	29.2	150.0	50.0	17.5	10.0	17.5	10.0	Keep current NOx permit limits; Reduce CO permit limits to actual plus 20%	4.0	4.5	17.5	19.9	0.0	9.3	2027
Rio Vista	A-03	Turbine	62.2	17.0	50.0	50.0	38.4	23.3	38.4	17.0	Keep current NOx and CO permit limits	14.2	3.9	62.2	17	0.0	0.0	2027
Roswell	A-01	Engine	78.8	78.8	3.0	0.6	98.5	19.7	78.8	19.7	Keep current NOx permit limits; Add Oxidation Catalyst for 80% CO reduction	18.0	2.5	78.8	11.2	0.0	67.6	2026
Roswell	A-02	Engine	78.8	78.8	3.0	0.6	98.5	19.7	78.8	19.7	Keep current NOx permit limits; Add Oxidation Catalyst for 80% CO reduction	18.0	2.5	78.8	11.2	0.0	67.6	2026
Roswell	A-03	Engine	78.8	78.8	3.0	0.6	98.5	19.7	78.8	19.7	Keep current NOx permit limits; Add Oxidation Catalyst for 80% CO reduction	18.0	2.5	78.8	11.2	0.0	67.6	2026
San Juan River	A-01	Turbine	17.5	29.2	150.0	50.0	17.5	10.0	17.5	10.0	Keep current NOx permit limits; Repermit CO to lower permit limits by 60%	4.0	2.7	17.5	11.7	0.0	17.5	2026
San Juan River	A-02	Turbine	17.5	29.2	150.0	50.0	17.5	10.0	17.5	10.0	Keep current NOx permit limits; Repermit CO to lower permit limits by 60%	4.0	2.7	17.5	11.7	0.0	17.5	2026
San Juan River	A-03	Turbine	17.5	29.2	150.0	50.0	17.5	10.0	17.5	10.0	Keep current NOx permit limits; Repermit CO to lower permit limits by 60%	4.0	2.7	17.5	11.7	0.0	17.5	2026
Washington Ranch Storage	A-01	Engine	119.5	119.5	3.0	0.6	130.4	26.1	119.5	26.1	Keep current NOx permit limits; Reduce CO permit limits to actual plus 20%	27.3	13.5	119.5	59	0.0	60.5	2023
Washington Ranch Storage	B-02	Engine	119.5	119.5	3.0	0.6	130.4	26.1	119.5	26.1	Keep current NOx permit limits; Reduce CO permit limits to actual plus 20%	27.3	13.5	119.5	59	0.0	60.5	2023
Maljamar	1	Engine	154.5	14.1	3.0	0.6	57.9	11.6	57.9	11.6	Install low emission combustion (LE) technology to reduce NOx emissions; Add Oxidation Catalyst for 80% CO reduction	3.0 g/hp-hr	0.61	56	2.7	98.5	11.4	2023 (CO) 2024 (NOx)
Maljamar	2	Engine	154.5	14.1	3.0	0.6	57.9	11.6	57.9	11.6	Keep current NOx permit limit; Add Oxidation Catalyst for 80% CO reduction	35.3	0.61	154.5	2.7	0.0	11.4	2023
Maljamar	3	Engine	154.5	14.1	3.0	0.6	57.9	11.6	57.9	11.6	Keep current NOx permit limit; Add Oxidation Catalyst for 80% CO reduction	35.3	0.61	154.5	2.7	0.0	11.4	2023
Blanco	389	Engine	16.0	4.0	0.5	0.6	11.4	13.7	11.4	4.0	Install low emission combustion (LE) technology to reduce NOx emissions; Keep current CO permit limit.	0.5 g/hp-hr	0.9	11.4	4	4.6	0.0	2023
Blanco	390	Engine	16.0	4.0	0.5	0.6	11.4	13.7	11.4	4.0	Install low emission combustion (LE) technology to reduce NOx emissions; Keep current CO permit limit.	0.5 g/hp-hr	0.9	11.4	4	4.6	0.0	2023
Afton	A-1	Turbine	224.5	35.7	50.0	50.0	51.4	28.6	51.4	28.6	Subject to AES for NOx; Keep current NOx and CO permit limits	--	8.1	--	35.7	--	0.0	2024
Afton	A-2	Turbine	224.5	35.7	50.0	50.0	51.4	28.6	51.4	28.6	Subject to AES for NOx; Keep current NOx and CO permit limits	--	8.1	--	35.7	--	0.0	2024
Afton	A-3	Turbine	224.5	35.7	50.0	50.0	51.4	28.6	51.4	28.6	Subject to AES for NOx; Keep current NOx and CO permit limits	--	8.1	--	35.7	--	0.0	2024
Belen	A-1	Turbine	169.0	34.5	50.0	50.0	34.9	20.1	34.9	20.1	Subject to AES for NOx; Reduce CO permit limits to actual plus 20%	--	5.1	--	22.4	--	12.1	2024
Belen	A-2	Turbine	169.0	34.5	50.0	50.0	34.9	20.1	34.9	20.1	Subject to AES for NOx; Reduce CO permit limits to actual plus 20%	--	5.1	--	22.4	--	12.1	2024
EP Blanco	A-8	Engine	96.0	12.4	--	--	--	--	--	--	Retire unit at what the reduced emission would be (75% of permit limits)			-72	-9.3	72	9.3	2025
EP Blanco	A-9	Engine	96.0	12.4	--	--	--	--	--	--	Retire unit at what the reduced emission would be (75% of permit limits)			-72	-9.3	72	9.3	2025
EP Blanco	A-10	Engine	96.0	12.4	--	--	--	--	--	--	Retire unit at what the reduced emission would be (75% of permit limits)			-72	-9.3	72	9.3	2025
EP Blanco	A-11	Engine	96.0	12.4	--	--	--	--	--	--	Retire unit at what the reduced emission would be (75% of permit limits)			-72	-9.3	72	9.3	2025
EP Blanco	A-12	Engine	96.0	12.4	--	--	--	--	--	--	Retire unit at what the reduced emission would be (75% of permit limits)			-72	-9.3	72	9.3	2025
EP Blanco	A-13	Engine	96.0	12.4	--	--	--	--	--	--	Retire unit at what the reduced emission would be (75% of permit limits)			-72	-9.3	72	9.3	2025
EP Blanco	A-14	Engine	96.0	12.4	--	--	--	--	--	--	Retire unit at what the reduced emission would be (75% of permit limits)			-72	-9.3	72	9.3	2025
Total (TPY)			1738.8	1253.2			1247.6	639.0	1064.6	601.8				1031.6	600.2	707.2	653.0	