

ERRATA – TASK 1A REPORT FOR THE PRB COAL REVIEW, CURRENT AIR QUALITY CONDITIONS

Table 4-2
Modeled Concentrations of NO₂, PM₁₀, and SO₂

Receptor Set	Pollutant	Averaging Period	Rank	Modeled Concentration (µg/m ³)								NAAQS (µg/m ³)	PDS Increment (µg/m ³)
				All Sources	CBNG	Coal-related	Coal Mine	Montana Sources	Non-coal	Power Plants	Wyoming Sources		
NEAR-FIELD RECEPTORS													
Montana Near-field Receptors	NO ₂	annual	1st high	11.8	4.5	9.0	7.2	8.8	3.8	2.5	9.9	100	25
		1-hour	1st high	487.6	144.0	487.6	486.9	487.5	81.2	463.7	275.5	564*	none
	PM ₁₀ Total	24- hour	2nd high	175.8	23.5	175.3	174.4	174.1	7.9	13.9	39.4	150	30
		annual	1st high	19.6	3.1	19.5	19.0	19.2	0.7	1.9	5.5	50	17
	SO ₂	1-hour	1st high	240.7	10.9	240.7	28.1	240.7	13.2	240.7	18.1	1,300*	none
		3- hour	2nd high	74.7	8.5	74.6	18.9	74.3	8.0	74.5	13.5	1,300	512
		24- hour	2nd high	18.9	2.6	18.9	5.0	18.6	2.1	18.8	4.3	365	91
annual		1st high	1.3	0.3	1.3	0.4	1.3	0.2	1.3	0.8	80	20	
Wyoming Near-field Receptors	NO ₂	annual	1st high	49.7	11.6	37.9	35.8	0.9	27.7	2.3	49.5	100	25
	PM ₁₀ Total	24- hour	2nd high	335.5	45.3	244.2	140.5	8.0	92.1	18.9	335.3	150	30
		annual	1st high	42.7	7.9	35.2	33.0	0.8	14.3	1.8	42.4	50	17
	SO ₂	3- hour	2nd high	37.9	23.6	28.2	17.6	6.6	34.8	28.2	37.7	1,300	512
		24- hour	2nd high	14.5	5.8	10.1	10.0	1.9	12.3	7.2	14.2	365	91
		annual	1st high	3.9	1.0	3.2	3.0	0.2	1.9	0.6	3.9	80	20
CLASS I AREAS													
Badlands National Park	NO ₂	annual	1st high	0.6	0.1	0.3	0.1	0.1	0.3	0.1	0.6	100	2.5
	PM ₁₀ Total	24- hour	2nd high	9.4	3.0	5.7	2.1	3.6	3.7	4.0	9.2	150	8
		annual	1st high	0.9	0.2	0.6	0.2	0.2	0.3	0.2	0.7	50	4
	SO ₂	3- hour	2nd high	2.9	0.3	2.8	0.1	2.4	0.7	2.6	2.2	1,300	25
		24- hour	2nd high	1.0	0.1	0.9	0.0	0.7	0.2	0.8	0.8	365	5
annual		1st high	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	80	2	
Bob Marshall WA	NO ₂	annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	2.5
	PM ₁₀ Total	24- hour	2nd high	2.4	0.6	1.7	0.3	0.6	0.8	0.7	2.0	150	8
		annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	4
	SO ₂	3- hour	2nd high	0.9	0.0	0.9	0.0	0.9	0.0	0.9	0.2	1,300	25
		24- hour	2nd high	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	365	5
annual		1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	2	
Bridger WA	NO ₂	annual	1st high	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	2.5
	PM ₁₀ Total	24- hour	2nd high	10.0	2.1	7.2	1.2	3.8	2.9	4.1	7.0	150	8
		annual	1st high	0.2	0.0	0.2	0.0	0.1	0.1	0.1	0.1	50	4
	SO ₂	3- hour	2nd high	2.1	0.1	2.1	0.0	2.0	0.1	2.1	1.2	1,300	25
		24- hour	2nd high	1.0	0.0	1.0	0.0	0.7	0.1	1.0	0.5	365	5
		annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	2

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Table 4-2 (Continued)

Receptor Set	Pollutant	Averaging Period	Rank	Modeled Concentration ($\mu\text{g}/\text{m}^3$)								NAAQS ($\mu\text{g}/\text{m}^3$)	PDS Increment ($\mu\text{g}/\text{m}^3$)	
				All Sources	CBNG	Coal-related	Coal Mine	Montana Sources	Non-coal	Power Plants	Wyoming Sources			
Fitzpatrick WA	NO ₂	annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	2.5
	PM ₁₀ Total	24- hour	2nd high	12.7	2.5	9.2	1.5	4.0	3.8	4.8	9.0	150	8	
		annual	1st high	0.2	0.0	0.2	0.0	0.1	0.0	0.1	0.1	50	4	
	SO ₂	3- hour	2nd high	1.4	0.1	1.3	0.0	1.1	0.1	1.3	1.3	1,300	25	
		24- hour	2nd high	0.8	0.1	0.8	0.0	0.5	0.1	0.7	0.6	365	5	
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	2		
Fort Peck Indian Reservation	NO ₂	annual	1st high	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	2.5
	PM ₁₀ Total	24- hour	2nd high	3.1	0.9	2.2	0.4	1.4	0.6	1.4	1.8	150	8	
		annual	1st high	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.1	50	4	
	SO ₂	3- hour	2nd high	2.1	0.2	2.0	0.0	1.9	0.1	2.0	0.9	1,300	25	
		24- hour	2nd high	0.7	0.0	0.7	0.0	0.5	0.0	0.7	0.3	365	5	
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	2		
Gates of the Mountain WA	NO ₂	annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	2.5
	PM ₁₀ Total	24- hour	2nd high	2.4	0.7	1.7	0.3	0.7	0.7	0.7	2.0	150	8	
		annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	4	
	SO ₂	3- hour	2nd high	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.3	1,300	25	
		24- hour	2nd high	0.2	0.0	0.2	0.0	0.1	0.0	0.2	0.1	365	5	
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	2		
Grand Teton National Park	NO ₂	annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	2.5
	PM ₁₀ Total	24- hour	2nd high	4.3	0.9	3.0	0.5	2.0	1.2	2.0	3.0	150	8	
		annual	1st high	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	50	4	
	SO ₂	3- hour	2nd high	1.0	0.1	1.0	0.0	0.5	0.0	1.0	0.9	1,300	25	
		24- hour	2nd high	0.4	0.0	0.4	0.0	0.2	0.0	0.3	0.1	365	5	
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	2		
North Absaorka WA	NO ₂	annual	1st high	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100	2.5
	PM ₁₀ Total	24- hour	2nd high	8.7	1.7	7.5	0.9	4.4	1.8	5.0	4.6	150	8	
		annual	1st high	0.2	0.0	0.2	0.0	0.1	0.0	0.1	0.1	50	4	
	SO ₂	3- hour	2nd high	2.0	0.1	2.0	0.0	1.9	0.1	2.0	0.6	1,300	25	
		24- hour	2nd high	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.3	365	5	
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	2		
Northern Cheyenne Indian Reservation	NO ₂	annual	1st high	2.6	0.4	2.4	1.6	2.2	0.4	1.1	0.9	100	2.5	
	PM ₁₀ Total	24- hour	2nd high	42.0	6.9	42.0	41.9	41.9	5.6	7.3	17.4	150	8	
		annual	1st high	5.0	0.4	4.9	4.2	4.4	0.2	0.5	0.9	50	4	
	SO ₂	3- hour	2nd high	26.8	1.1	26.8	0.8	26.7	3.2	26.8	4.5	1,300	25	
		24- hour	2nd high	6.1	0.5	6.1	0.3	5.9	1.1	6.1	1.8	365	5	
annual	1st high	0.6	0.0	0.6	0.0	0.5	0.1	0.5	0.2	80	2			

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Table 4-2 (Continued)

Receptor Set	Pollutant	Averaging Period	Rank	Modeled Concentration ($\mu\text{g}/\text{m}^3$)								NAAQS ($\mu\text{g}/\text{m}^3$)	PDS Increment ($\mu\text{g}/\text{m}^3$)	
				All Sources	CBNG	Coal-related	Coal Mine	Montana Sources	Non-coal	Power Plants	Wyoming Sources			
Red Rock Lakes WA	NO ₂	annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	2.5
	PM ₁₀ Total	24- hour	2nd high	1.0	0.2	0.7	0.1	0.7	0.3	0.7	0.7	0.7	150	8
		annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	4
	SO ₂	3- hour	2nd high	0.3	0.0	0.3	0.0	0.2	0.0	0.2	0.1	0.1	1,300	25
		24- hour	2nd high	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	365	5
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	2	
Scapegoat WA	NO ₂	annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	2.5
	PM ₁₀ Total	24- hour	2nd high	2.5	0.7	1.7	0.3	0.6	0.8	0.8	0.8	2.1	150	8
		annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	4
	SO ₂	3- hour	2nd high	0.8	0.0	0.8	0.0	0.8	0.0	0.8	0.3	0.3	1,300	25
		24- hour	2nd high	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.0	365	5
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	2	
Teton WA	NO ₂	annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	2.5
	PM ₁₀ Total	24- hour	2nd high	8.4	1.8	6.6	1.1	3.3	2.5	3.7	6.1	6.1	150	8
		annual	1st high	0.2	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.1	50	4
	SO ₂	3- hour	2nd high	1.2	0.1	1.1	0.0	0.8	0.1	1.0	0.7	0.7	1,300	25
		24- hour	2nd high	0.5	0.0	0.5	0.0	0.4	0.0	0.5	0.3	0.3	365	5
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	2	
Theodore Roosevelt National Park	NO ₂	annual	1st high	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	100	2.5
	PM ₁₀ Total	24- hour	2nd high	3.4	1.3	2.4	0.6	1.1	0.8	1.4	2.7	2.7	150	8
		annual	1st high	0.3	0.1	0.2	0.0	0.1	0.1	0.1	0.2	0.2	50	4
	SO ₂	3- hour	2nd high	1.8	0.2	1.8	0.0	1.7	0.1	1.8	0.8	0.8	1,300	25
		24- hour	2nd high	0.5	0.1	0.5	0.0	0.5	0.0	0.5	0.2	0.2	365	5
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	2	
UL Bend WA	NO ₂	annual	1st high	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100	2.5
	PM ₁₀ Total	24- hour	2nd high	4.3	0.7	3.7	0.5	2.4	0.8	3.0	2.4	2.4	150	8
		annual	1st high	0.2	0.0	0.2	0.0	0.1	0.0	0.1	0.1	0.1	50	4
	SO ₂	3- hour	2nd high	2.6	0.1	2.6	0.0	2.4	0.1	2.5	0.7	0.7	1,300	25
		24- hour	2nd high	0.7	0.0	0.7	0.0	0.6	0.0	0.7	0.4	0.4	365	5
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	2	
Washakie WA	NO ₂	annual	1st high	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	100	2.5
	PM ₁₀ Total	24- hour	2nd high	14.5	3.8	12.5	2.3	6.7	5.1	7.7	11.2	11.2	150	8
		annual	1st high	0.3	0.1	0.3	0.0	0.2	0.1	0.2	0.2	0.2	50	4
	SO ₂	3- hour	2nd high	2.0	0.1	2.0	0.0	1.9	0.1	2.0	0.9	0.9	1,300	25
		24- hour	2nd high	1.0	0.1	1.0	0.0	0.9	0.1	0.9	0.5	0.5	365	5
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	2	

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Table 4-2 (Continued)

Receptor Set	Pollutant	Averaging Period	Rank	Modeled Concentration ($\mu\text{g}/\text{m}^3$)								NAAQS ($\mu\text{g}/\text{m}^3$)	PDS Increment ($\mu\text{g}/\text{m}^3$)
				All Sources	CBNG	Coal-related	Coal Mine	Montana Sources	Non-coal	Power Plants	Wyoming Sources		
Wind Cave National Park	NO ₂	annual	1st high	1.2	0.2	0.6	0.2	0.2	0.6	0.2	1.1	100	2.5
	PM ₁₀ Total	24- hour	2nd high	10.7	2.1	7.4	2.6	3.5	4.0	3.5	10.5	150	8
		annual	1st high	1.3	0.2	0.9	0.3	0.2	0.4	0.3	1.1	50	4
	SO ₂	3- hour	2nd high	3.5	0.3	3.3	0.1	2.1	0.8	3.1	2.4	1,300	25
		24- hour	2nd high	1.2	0.1	1.1	0.0	0.7	0.3	1.0	0.9	365	5
annual	1st high	0.2	0.0	0.2	0.0	0.1	0.0	0.2	0.2	0.2	80	2	
Yellowstone National Park	NO ₂	annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	2.5
	PM ₁₀ Total	24- hour	2nd high	6.1	1.2	4.7	0.7	2.8	1.6	2.9	3.9	150	8
		annual	1st high	0.2	0.0	0.1	0.0	0.1	0.0	0.1	0.1	50	4
	SO ₂	3- hour	2nd high	1.3	0.1	1.3	0.0	1.2	0.0	1.3	0.5	1,300	25
		24- hour	2nd high	0.5	0.0	0.5	0.0	0.4	0.0	0.5	0.2	365	5
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	2	
SENSITIVE CLASS II AREAS													
Absaorka-Beartooth WA	NO ₂	annual	1st high	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	100	25
	PM ₁₀ Total	24- hour	2nd high	6.9	1.9	5.3	1.2	3.9	1.4	4.5	4.4	150	30
		annual	1st high	0.3	0.0	0.2	0.0	0.2	0.0	0.2	0.1	50	17
	SO ₂	3- hour	2nd high	2.8	0.1	2.8	0.0	2.7	0.1	2.8	0.7	1,300	512
		24- hour	2nd high	0.9	0.0	0.9	0.0	0.9	0.0	0.9	0.4	365	91
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	20	
Agate Fossil Beds National Monument	NO ₂	annual	1st high	0.6	0.1	0.3	0.1	0.1	0.3	0.2	0.5	100	25
	PM ₁₀ Total	24- hour	2nd high	7.6	1.5	6.0	1.0	3.2	1.7	3.6	4.6	150	30
		annual	1st high	0.8	0.1	0.6	0.1	0.2	0.2	0.3	0.6	50	17
	SO ₂	3- hour	2nd high	4.0	0.2	3.7	0.1	2.6	0.3	3.4	2.8	1,300	512
		24- hour	2nd high	0.9	0.1	0.9	0.0	0.7	0.1	0.9	0.7	365	91
annual	1st high	0.2	0.0	0.2	0.0	0.1	0.0	0.2	0.2	0.1	80	20	
Big Horn Canyon National Recreation Area	NO ₂	annual	1st high	0.4	0.1	0.3	0.1	0.2	0.1	0.2	0.2	100	25
	PM ₁₀ Total	24- hour	2nd high	12.0	4.6	9.8	2.3	4.9	3.7	4.9	9.7	150	30
		annual	1st high	0.7	0.1	0.6	0.1	0.4	0.1	0.3	0.3	50	17
	SO ₂	3- hour	2nd high	6.3	0.3	6.3	0.2	6.3	0.3	6.3	1.3	1,300	512
		24- hour	2nd high	1.9	0.1	1.9	0.0	1.9	0.1	1.9	0.8	365	91
annual	1st high	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.0	80	20	
Black Elk WA	NO ₂	annual	1st high	0.9	0.1	0.6	0.1	0.2	0.3	0.3	0.7	100	25
	PM ₁₀ Total	24- hour	2nd high	10.5	2.3	7.0	1.8	3.5	3.2	4.2	8.2	150	30
		annual	1st high	1.1	0.2	0.9	0.2	0.2	0.3	0.4	0.9	50	17
	SO ₂	3- hour	2nd high	4.2	0.2	4.1	0.1	2.7	0.4	4.1	4.1	1,300	512
		24- hour	2nd high	1.8	0.1	1.7	0.0	0.9	0.2	1.7	1.1	365	91
annual	1st high	0.3	0.0	0.3	0.0	0.1	0.0	0.3	0.2	0.2	80	20	

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Receptor Set	Pollutant	Averaging Period	Rank	Modeled Concentration ($\mu\text{g}/\text{m}^3$)								NAAQS ($\mu\text{g}/\text{m}^3$)	PDS Increment ($\mu\text{g}/\text{m}^3$)
				All Sources	CBNG	Coal-related	Coal Mine	Montana Sources	Non-coal	Power Plants	Wyoming Sources		
Cloud Peak WA	NO ₂	annual	1st high	0.5	0.1	0.4	0.0	0.2	0.2	0.2	0.4	100	25
	PM ₁₀ Total	24- hour	2nd high	13.3	3.6	10.5	1.6	4.1	3.4	4.0	9.5	150	30
		annual	1st high	0.8	0.2	0.7	0.1	0.3	0.2	0.3	0.5	50	17
	SO ₂	3- hour	2nd high	3.6	0.4	3.5	0.2	3.5	0.6	3.5	2.2	1,300	512
		24- hour	2nd high	1.4	0.2	1.3	0.0	1.0	0.2	1.3	1.1	365	91
annual	1st high	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.1	80	20	
Crow Indian Reservation	NO ₂	annual	1st high	5.7	1.3	2.3	1.4	1.7	5.1	0.6	5.4	100	25
	PM ₁₀ Total	24- hour	2nd high	30.5	12.8	25.8	22.8	22.7	7.1	7.2	27.6	150	30
		annual	1st high	3.0	1.1	2.7	2.2	2.4	0.8	0.7	2.4	50	17
	SO ₂	3- hour	2nd high	14.7	4.2	14.7	5.9	14.7	10.7	14.7	11.0	1,300	512
		24- hour	2nd high	4.7	1.2	4.0	1.8	4.0	3.1	4.0	4.5	365	91
annual	1st high	0.8	0.1	0.4	0.2	0.3	0.7	0.3	0.8	0.8	80	20	
Devils Tower National Monument	NO ₂	annual	1st high	1.6	0.5	1.0	0.2	0.2	0.6	0.2	1.5	100	25
	PM ₁₀ Total	24- hour	2nd high	10.7	4.4	7.8	3.0	2.3	3.2	2.9	8.9	150	30
		annual	1st high	1.7	0.5	1.3	0.4	0.3	0.4	0.3	1.4	50	17
	SO ₂	3- hour	2nd high	3.0	0.7	2.9	0.1	2.7	0.6	2.8	2.0	1,300	512
		24- hour	2nd high	1.1	0.2	1.0	0.0	0.9	0.2	0.9	0.8	365	91
annual	1st high	0.2	0.0	0.2	0.0	0.1	0.0	0.0	0.2	0.2	80	20	
Fort Belknap Indian Reservation	NO ₂	annual	1st high	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	100	25
	PM ₁₀ Total	24- hour	2nd high	3.5	0.8	2.8	0.5	2.2	1.0	2.2	2.4	150	30
		annual	1st high	0.2	0.0	0.1	0.0	0.1	0.0	0.1	0.1	50	17
	SO ₂	3- hour	2nd high	2.2	0.1	2.2	0.0	2.0	0.1	2.1	0.6	1,300	512
		24- hour	2nd high	0.8	0.0	0.8	0.0	0.6	0.0	0.8	0.3	365	91
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	20	
Fort Laramie National Historic Site	NO ₂	annual	1st high	0.6	0.1	0.3	0.1	0.1	0.3	0.1	0.6	100	25
	PM ₁₀ Total	24- hour	2nd high	7.6	1.5	5.7	1.5	3.0	2.3	3.3	6.1	150	30
		annual	1st high	0.7	0.1	0.5	0.1	0.1	0.2	0.2	0.6	50	17
	SO ₂	3- hour	2nd high	3.5	0.2	3.3	0.1	2.4	0.5	3.1	2.5	1,300	512
		24- hour	2nd high	1.4	0.1	1.2	0.0	0.7	0.1	1.1	0.7	365	91
annual	1st high	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	80	20	
Jedediah Smith WA	NO ₂	annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	25
	PM ₁₀ Total	24- hour	2nd high	2.6	0.5	1.9	0.3	1.4	0.7	1.4	1.7	150	30
		annual	1st high	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	50	17
	SO ₂	3- hour	2nd high	1.1	0.0	1.0	0.0	0.5	0.0	1.0	0.9	1,300	512
		24- hour	2nd high	0.3	0.0	0.3	0.0	0.2	0.0	0.3	0.1	365	91
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	20	

ERRATA – TASK 1A REPORT FOR THE PRB COAL REVIEW, CURRENT AIR QUALITY CONDITIONS
Table 4-2 (Continued)

Receptor Set	Pollutant	Averaging Period	Rank	Modeled Concentration ($\mu\text{g}/\text{m}^3$)								NAAQS ($\mu\text{g}/\text{m}^3$)	PDS Increment ($\mu\text{g}/\text{m}^3$)
				All Sources	CBNG	Coal-related	Coal Mine	Montana Sources	Non-coal	Power Plants	Wyoming Sources		
Jewel Cave National Monument	NO ₂	annual	1st high	1.5	0.2	0.9	0.2	0.2	0.6	0.3	1.4	100	25
	PM ₁₀ Total	24- hour	2nd high	13.2	3.1	8.8	3.2	2.6	3.9	3.5	11.3	150	30
		annual	1st high	1.5	0.3	1.1	0.4	0.2	0.4	0.4	1.3	50	17
	SO ₂	3- hour	2nd high	4.2	0.4	3.8	0.2	2.5	1.0	3.7	3.4	1,300	512
		24- hour	2nd high	1.8	0.1	1.7	0.1	0.7	0.3	1.6	1.3	365	91
annual	1st high	0.3	0.0	0.3	0.0	0.1	0.0	0.3	0.2	0.2	80	20	
Lee Metcalf WA ¹	NO ₂	annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	5
	PM ₁₀ Total	24- hour	2nd high	1.8	0.5	1.4	0.2	1.1	0.6	1.1	1.4	150	30
		annual	1st high	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	17
	SO ₂	3- hour	2nd high	0.5	0.0	0.5	0.0	0.5	0.0	0.5	0.2	1,300	512
		24- hour	2nd high	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.1	365	91
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	20	
Mount Naomi WA	NO ₂	annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	5
	PM ₁₀ Total	24- hour	2nd high	2.8	0.3	2.6	0.1	2.1	0.3	2.1	0.8	150	30
		annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	17
	SO ₂	3- hour	2nd high	1.3	0.0	1.2	0.0	1.0	0.0	1.2	0.5	1,300	512
		24- hour	2nd high	0.3	0.0	0.3	0.0	0.2	0.0	0.3	0.2	365	91
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	20	
Mount Rushmore National Monument	NO ₂	annual	1st high	0.8	0.1	0.5	0.1	0.2	0.3	0.3	0.6	100	5
	PM ₁₀ Total	24- hour	2nd high	9.2	1.9	6.6	1.6	3.4	3.0	4.1	6.8	150	30
		annual	1st high	1.1	0.2	0.8	0.2	0.3	0.3	0.4	0.8	50	17
	SO ₂	3- hour	2nd high	3.0	0.2	2.8	0.1	2.3	0.4	2.7	2.7	1,300	512
		24- hour	2nd high	1.3	0.1	1.2	0.0	0.9	0.2	1.2	0.8	365	91
annual	1st high	0.2	0.0	0.2	0.0	0.1	0.0	0.2	0.2	0.1	80	20	
Popo Agie WA	NO ₂	annual	1st high	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	100	5
	PM ₁₀ Total	24- hour	2nd high	11.0	2.4	8.0	1.3	4.7	3.4	4.6	8.0	150	30
		annual	1st high	0.3	0.1	0.2	0.0	0.1	0.1	0.1	0.2	50	17
	SO ₂	3- hour	2nd high	2.5	0.1	2.4	0.0	2.3	0.1	2.4	1.1	1,300	512
		24- hour	2nd high	1.3	0.1	1.2	0.0	0.8	0.1	1.2	0.5	365	91
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	20	
Soldier Creek WA	NO ₂	annual	1st high	0.7	0.1	0.4	0.1	0.1	0.3	0.2	0.6	100	5
	PM ₁₀ Total	24- hour	2nd high	8.2	1.7	6.4	1.2	3.2	2.1	3.7	5.0	150	30
		annual	1st high	0.8	0.2	0.6	0.1	0.2	0.2	0.3	0.6	50	17
	SO ₂	3- hour	2nd high	3.2	0.3	3.2	0.1	1.8	0.4	3.2	3.2	1,300	512
		24- hour	2nd high	1.0	0.1	0.9	0.0	0.6	0.1	0.9	0.7	365	91
annual	1st high	0.2	0.0	0.2	0.0	0.1	0.0	0.2	0.2	0.1	80	20	

ERRATA – TASK 1A REPORT FOR THE PRB COAL REVIEW, CURRENT AIR QUALITY CONDITIONS
Table 4-2 (Continued)

Receptor Set	Pollutant	Averaging Period	Rank	Modeled Concentration ($\mu\text{g}/\text{m}^3$)								NAAQS ($\mu\text{g}/\text{m}^3$)	PDS Increment ($\mu\text{g}/\text{m}^3$)	
				All Sources	CBNG	Coal-related	Coal Mine	Montana Sources	Non-coal	Power Plants	Wyoming Sources			
Wellsville Mountain WA	NO ₂	annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100	5
	PM ₁₀ Total	24- hour	2nd high	2.3	0.3	2.1	0.1	1.6	0.2	1.7	0.6	150	30	
		annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50	17	
	SO ₂	3- hour	2nd high	1.0	0.0	0.9	0.0	0.8	0.0	0.9	0.3	1,300	512	
		24- hour	2nd high	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.1	365	91	
annual	1st high	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	20		
Wind River Indian Reservation	NO ₂	annual	1st high	0.2	0.0	0.1	0.0	0.1	0.0	0.1	0.1	100	5	
	PM ₁₀ Total	24- hour	2nd high	18.0	4.4	15.9	2.9	8.7	7.0	9.8	15.2	150	30	
		annual	1st high	0.4	0.1	0.4	0.1	0.2	0.1	0.2	0.3	50	17	
	SO ₂	3- hour	2nd high	3.5	0.3	3.5	0.1	3.4	0.4	3.5	1.6	1,300	512	
		24- hour	2nd high	1.6	0.1	1.5	0.0	1.2	0.1	1.5	0.7	365	91	
annual	1st high	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	80	20		

*Montana State Standard.

¹Includes both the Spanish Peaks and Taylor Hillgard units.

Note: Bold type indicates a modeled impact that is above the NAAQS.