USDA FOREST SERVICE, ROCKY MOUNTAIN REGION
PSD PERMIT COMPLETENESS DETERMINATION

SOURCE NAME:

SOURCE LOCATION:

BRIEF DESCRIPTION OF SOURCE, PROCESSES AND EMISSIONS:

I. PREDICTED SOURCE EMISSIONS:

A. TSP EMISSIONS TONS/YEAR -

B. PM-10 EMISSIONS TONS/YEAR -

C. NOx EMISSIONS TONS/YEAR

D. VOC EMISSIONS TONS/YEAR

E. SO2 EMISSIONS TONS/YEAR

F. TOXICS TONS/YEAR -

II. NATIONAL FOREST SYSTEMS LANDS WHICH MAY BE IMPACTED BY THE SOURCE:

A. CLASS I AREAS ON NATIONAL FOREST SYSTEM LANDS WHICH MAY BE IMPACTED

1. CLASS I AREAS (NAMES).

2. DISTANCES FROM THE SOURCE TO THE CLASS I BOUNDARIES.

B. SENSITIVE CLASS II AREAS WITHIN NATIONAL FOREST

BOUNDARIES

1. SENSITIVE CLASS II AREAS (NAMES).

2. DISTANCES FROM THE SOURCE TO THE SENSITIVE CLASS II BOUNDARIES

C. CLASS I AREAS MANAGED BY OTHER FEDERAL LAND MANAGERS

III. OTHER AIR POLLUTION SOURCES WITHIN THE REGION OF SOURCE INFLUENCE

A. MAJOR STATIONARY SOURCES WITHIN THE REGION OF SOURCE INFLUENCE

B. MINOR STATIONARY SOURCES WITHIN THE REGION OF SOURCE INFLUENCE

C. AREA SOURCES WITHIN THE REGION OF SOURCE INFLUENCE

D. PROJECTED SECONDARY GROWTH

IV. METEOROLOGICAL MONITORING SITES WITHIN THE REGION OF SOURCE INFLUENCE

A. REPRESENTITIVENESS OF THE SURFACE METEOROLOGICAL DATA TO BOTH THE SOURCE LOCATION AND THE CLASS I AREA (DESCRIBE).

B. REPRESENTITIVENESS OF THE UPPER AIR METEOROLOGICAL DATA TO BOTH THE SOURCE LOCATION AND THE CLASS I AREA (DESCRIBE).

V. ANALYSIS OF BEST AVAILABLE CONTROL TECHNOLOGY (BACT)

A. WERE THE BEST POSSIBLE AIR POLLUTION CONTROLS CONSIDERED IN THE TOP-DOWN BACT ANALYSIS FOR ALL POLLUTANTS?

B. WERE IMPACTS TO CLASS I AREAS OR SENSITIVE CLASS II AREAS CONSIDERED IN SELECTING CONTROL TECHNOLOGY WHICH IS LESS THAN THE BEST POSSIBLE (LAER - LOWEST ACHIEVABLE EMISSIONS RATE)?

	LAER	PROPOSED BACT
TSP	TONS/YEAR -	TONS/YEAR -
PM-10	TONS/YEAR -	TONS/YEAR -
SO2	TONS/YEAR -	TONS/YEAR -
NOx	TONS/YEAR -	TONS/YEAR -
VOC	TONS/YEAR -	TONS/YEAR -

VI. AMBIENT AIR QUALITY, DEPOSITION, AND VISIBILITY MONITORING

A. WHAT MONITORING SITES WERE USED TO REPRESENT THE CURRENT AMBIENT CONCENTRATIONS OF THE FOLLOWING POLLUTANTS AT EACH CLASS I AND SENSITIVE CLASS II BOUNDARY?

TSP

PM-10

SO2

NOx

O3

SULFATE

NITRATE

B. WHAT VISIBILITY MONITORING SITE WAS USED TO REPRESENT THE CURRENT VISIBILITY CONDITION AT EACH CLASS I AND SENSITIVE CLASS II BOUNDARY?

C. WAS A QA/QC PLAN DEVELOPED AND FOLLOWED FOR ALL AMBIENT AIR QUALITY MONITORING ACTIVITIES?

D. EXISTING AND PREDICTED AMBIENT AIR CONCENTRATIONS AND DEPOSITION LOADINGS AT THE CLASS I BOUNDARY (BACKGROUND AND BACKGROUND PLUS THE PROPOSED SOURCE)

	EXISTING	PREDICTED
TSP	UG/M3 -	UG/M3 -
PM-10	UG/M3 -	UG/M3 -

SO2	UG/M3 -	UG/M3 -
NOx	UG/M3 -	UG/M3 -
VOC	UG/M3 -	UG/M3 -
OZONE	PPM -	PPM -
SULFATES	KG/HA -	KG/HA -
NITRATES	KG/HA -	KG/HA -

E. EXISTING AND PREDICTED AMBIENT AIR CONCENTRATIONS AND DEPOSITION LOADINGS AT THE SENSITIVE CLASS II BOUNDARIES (BACKGROUND AND BACKGROUND PLUS THE PROPOSED SOURCE)

	EXISTING	PREDICTED
TSP	UG/M3 -	UG/M3 -
PM-10	UG/M3 -	UG/M3 -
SO2	UG/M3 -	UG/M3 -
NOx	UG/M3 -	UG/M3 -

VOC UG/M3 - UG/M3 -
OZONE PPM - PPM -
SULFATES KG/HA - KG/HA -
NITRATES KG/HA - KG/HA -

F. CLASS I INCREMENT ANALYSIS

	BASELINE CONCENTRATION	CLASS I INCREMENT	PREDICTED CONCENTRATION
TSP UG/M3 -		UG/M3 -	UG/M3 -
S02 UG/M3 -		UG/M3 -	UG/M3 -
NOx UG/M3 -		UG/M3 -	UG/M3 -

VII. AIR QUALITY AND DEPOSITION MODELING

A. WHAT MODELS WERE USED TO PREDICT AMBIENT AIR QUALITY, ATMOSPHERIC DEPOSITION, AND VISIBILITY FOR CLASS I AREAS AND SENSITIVE CLASS II AREAS? (LIST EACH MODEL USED FOR EACH POLLUTANT ANALYZED)

B. WERE THE MODELS USED EVALUATED OR APPROVED FOR USE BY EPA, THE STATE, OR THE FOREST SERVICE?

VIII. AIR QUALITY RELATED VALUE ANALYSIS

A. WHAT SENSITIVE RECEPTORS, IF ANY, WERE ANALYZED FOR EACH AIR QUALITY RELATED VALUE?

1. FLORA

2. FAUNA

3. SOIL

4. WATER

5. ODOR

6. VISIBILITY

B. EXISTING AND PREDICTED AIR POLLUTION CAUSED CHANGES TO EACH IDENTIFIED SENSITIVE RECEPTOR (SEE TABLE 1 FOR POTENTIAL AIR POLLUTION CAUSED CHANGE FOR SENSITIVE RECEPTORS FOR EACH AIR QUALITY RELATED VALUE).

	EXISTING AIR POLLUTION CAUSED CHANGE	PREDICTED AIR POLLUTION CAUSED CHANGE
1.	FLORA	
2.	FAUNA	
3.	SOIL	
4.	WATER	
5.	ODOR	
6.	VISIBILITY	

C. WHAT MODELS WERE USED TO DETERMINE THE IMPACT ON EACH SENSITIVE RECEPTOR? (LIST EACH MODEL USED)

D. WHAT CRITERIA (LIMIT OF ACCEPTABLE CHANGE), IF ANY, WERE USED TO DETERMINE IF THE SOURCE WOULD CAUSE OR CONTRIBUTE TO AN ADVERSE IMPACT ON EACH IDENTIFIED SENSITIVE RECEPTOR.

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