
APPENDIX F
SUMMARY OF APPLICABLE AIR QUALITY REQUIREMENTS
AND DEMONSTRATION OF COMPLIANCE

Compliance with Air Quality Regulations

The proposed project is subject to AQMD Rules II and III as well as federal New Source Performance Standards (NSPS) Subpart I as codified in 40 CFR 60.90. A listing of specific rules and requirements is summarized below.

Regulation	Specific Requirements	Compliance Status
RULE II PERMITS		
Part 301 BACT	Must apply BACT if daily emission exceed 25 to 80 lbs/day depending on pollutant	Project is exempt as daily emissions are below trigger levels
Part 306 Ambient Air Quality Standards	Project must not violate or make worse the violation of ambient standard	The project would not violate any state or federal air quality standard. Project or cumulative impacts would be localized and limited to fugitive dust that is readily mitigated.
Part 500 Air Quality Impact Analysis	Same as Part 306. Requires use of EPA recommended air quality models	The models used in the present analysis are approved by the EPA and CARB
Rule 2:1A Permits Required	Must obtain a written Authority to Construct prior to construction	Hat Creek Project will apply for the Authority to Construct permit prior to any construction or erection of any equipment
RULE III PROHIBITIONS & ENFORCEMENT		
Rule 3-2 Specific Air Contaminants	PM-10 concentration < or < 0.05 gr/dscf TSP emissions < or = 65.6 lbs/hr	PM-10 conc. in asphalt plant are expected to be 0.02 gr/dscf or less. Daily TSP emissions are 20 lbs/hr or less.
Rule 3-16 Fugitive, Indirect, or Non-Traditional Sources	Fugitive dust emissions shall not exceed standards set for in Health & Safety Code Sections 41700 and/or 41701.	Fugitive dust and other emissions will not be released in amounts that impacts health, safety or comfort of the public. Opacity standards shall not exceed Ringlemann No. 2
FEDERAL NSPS STANDARDS		
Particulate concentration in exhaust (40 CFR 60.92)	Max allowable grain loading is 0.04 gr/dscf	TSP conc. in asphalt plant are expected to be 0.02 gr/dscf or less.
Opacity (40 CFR 60.92 (a)(2))	Max allowable opacity is 20%	Opacity of exhaust gases exiting the stack will not exceed 20% since the units will be equipped with fabric filters.