



CRESTONE PEAK
RESOURCES

FUGITIVE DUST SUPPRESSION PLAN
FIELDWIDE - WATKINS

Fugitive Dust Suppression Plan – Fieldwide

INTRODUCTION

This Fugitive Dust Suppression Plan (Plan) has been developed for the Crestone Peak Resources Operating LLC (CPRO) Watkins oil and gas development project (Project), associated oil and gas production sites (Sites) and private access roads (Roads). This fugitive dust suppression plan applies to CPRO sites located east of the Denver metro area, including certain parts of the City of Aurora (City).

This Plan is intended to facilitate compliance with Colorado Oil and Gas Conservation Commission (COGCC) Rule 805.c. Fugitive Dust, The Colorado Department of Public Health and Environment (CDPHE), The City's Rules and Regulations Regarding Stormwater Discharges Associated with Construction Activities, and requirements and conditions contained within the Oil and Gas Operator Agreement between CPRO and the City dated June 5, 2019, as assigned and recorded in the Arapahoe County Clerk and Recorder's Office at Reception No. E0028448, with an effective date of June 1, 2019. This Plan will be applied to all Sites within the jurisdictional boundaries of the City and CPRO personnel (inclusive of employees, contractors, vendors, service providers and authorized visitors) (Personnel) working on those Sites and Roads.

PROJECT OVERVIEW

CPRO's development of the Project necessitates earth disturbing activities and travel on unpaved roads which has the potential to produce fugitive dust emissions.

Dust associated with Site activities and traffic on Roads will be minimized throughout all phases such that there are minimal visible dust emissions from Sites or Roads to the maximum extent practicable given wind conditions.

MITIGATION MEASURES

The following mitigation measures will be applied when appropriate.

- Application of fresh water to disturbed areas during earth moving activities.
- Application of fresh water or magnesium chloride to graveled surfaces of Sites and Roads.
- Use of high-quality construction materials such as crushed granite road base, which generates less dust than other aggregates.
- Limit disturbance of natural vegetation to only that area that is reasonably necessary for construction.
- Re-establishment of vegetation on disturbed areas not graveled.
- Covered storage containers to be used for sand, silica or similar material.
- Establish speed limit on Roads of 20MPH or less. Personnel failing to comply may be subject to disciplinary action.
- Establish speed limit on Sites of 5MPH or less. Personnel failing to comply may be subject to disciplinary action.
- Curtail scope of work during high wind conditions (sustained winds 25MPH or greater).
- Regular road maintenance.
- Additional management practices such as road surfacing, wind breaks and barriers, or automation of wells to reduce truck traffic may also be utilized, if technologically feasible and economically reasonable, to minimize fugitive dust emissions. CPRO will use a rock base tracking pad at the access point to help remove dirt and prevent debris from collecting on the road. As necessary, CPRO will sweep roads nearest the access point of dirt and debris to maintain a clean entrance.