MRG, LP
CE Pad
SENE Section 11, T5N R68W
City of Loveland
Larimer County, Colorado

DUST MITIGATION PLAN

MRG, LP (MRG), has drafted this plan in accordance with Rule 304.c.(5) and Rule 427.a.

SITE DESCRIPTION:

The soils the road and location will be constructed on are primarily silt loam and clay soils.

The project proposes a new location for up to 15 wells, the CE Pad. This location will require a new access road. All production facilities will be located on the proposed location.

The proposed access road to the proposed CE Pad location is 451 feet in length, originating at County Road 3. The proposed disturbance corridor for the access road is approximately 0.32 acres. The proposed access road is proposed as an unpaved road connecting to the unpaved County Road 3. If County Road 3 is paved in the future, MRG will pave the first hundred feet of CE Pad access road connecting to County Road 3.

The proposed CE Pad location is proposed to be 13.4 acres of disturbance.

No utility corridors are being proposed for this location.

MRG is not proposing to construct any off-location flowlines with this project.

SOIL TYPES WITHIN PROJECT AREA:

Map Unit	Soil Series	Additional Information	Project Components
115	Weld silt loam, 0 to 3 percent slopes	Interfluves, calcareous loess	Proposed CE Pad Location and Proposed Access Road

INGRESS/EGRESS TO THE OIL AND GAS LOCATION:

The proposed access road will be an unpaved road. There will be no turn lanes. Tracking pads are not being proposed for use on this location.

Speed restrictions on lease roads will be utilized to minimize dust. An average of 25 mph is currently anticipated to be used for most vehicles.

Design and surface roads based on the traffic, speed, and type of vehicles to reduce, dust, mud, and environmental damage.

CONSTRUCTION:

- During the construction of the access road and well pad, dust mitigation may occur at least weekly, dependent upon need.
- Construction activities may be limited or deferred on high-wind days to restrict potential fugitive dust, specifically activities that involve moving dirt will be deferred on high wind days to prevent fugitive dust and soil loss.
- Anticipated truck trips, including water trucks for dust mitigation, during this phase is approximately 273 round trips.

DRILLING:

- During drilling operations, dust mitigation may occur at least weekly, dependent upon need.
- Anticipated truck trips, including water trucks for dust mitigation, during this phase is approximately 3,180 round trips.

COMPLETIONS:

- During completion operations, dust mitigation may occur at least weekly, dependent upon need.
- Anticipated truck trips, including water trucks for dust mitigation, during this phase is approximately 6,720 round trips.
- Completion operations will store sand or other products that could potentially exacerbate dust in the area in enclosed containers to minimize potential dust impacts.

PRODUCTION:

- During the production phase of the well pad, traffic is significantly reduced from previous stages of activity. Therefore, dust mitigation will also lessen significantly. Dust mitigation will occur on an as-needed basis only.
- Anticipated truck trips during the initial year of the production phase are two light-duty truck per day and up to ten heavy trucks for produced water hauling per day.

BEST MANAGEMENT PRACTICES:

- MRG will utilize freshwater for dust suppression practices.

- Speed restrictions on the access roads will be utilized to minimize dust. An average of 25 mph is currently anticipated to be used for most vehicles.
- Construction activities may be limited or deferred on high-wind days to restrict potential fugitive dust, specifically activities that involve moving dirt will be deferred on high wind days to prevent fugitive dust and soil loss.
- Topsoil and stockpiled soils will be stabilized through either wheel packing, tackifiers, seeding practices, or erosion control blankets.
- If County Road 3 is paved in the future, MRG will pave the first 100 feet of access road connecting to County Road 3.

Truck Trips Per Operational Activity

Phase	Number of Days	Light Vehicle Roundtrips Per Day	Heavy Vehicle Roundtrips Per Day	Total Vehicle Roundtrips	Total Vehicle Trips
Construction	21	1	13	273	546
Drilling	97	8	9	3,180	6,360
Completion	90	112	22	6,720	13,440
Flowback	60	120	4	3,725	7,450

Updated 02/07/2023