

Storm Water Management Plan

Project Name: Feiges Property - Greenhouse and Ag Building Driveway

SITE DESCRIPTION			
Project Name and Location: (PARCEL # , Section, Township, & Range; and Address)	Parcel ID: 946364004 Legal Description: TR IN PT OF TR 90 IN SE4 36-5-85 (LESS 1.87 AC ROW) TOTAL 19.88 AC	OWNER Name, Address, and Phone #:	FERRUGINOUS, LLC PO BOX 775731 , STEAMBOAT SPRINGS, CO 80477 kfeiges@gmail.com
Description: (Purpose and Types of Soil Disturbing Activities)	For driveway and agricultural construction. Topsoil stripping, cut/fill, and grading activities.	CONTACT Name, Address, & Phone #:	FERRUGINOUS, LLC PO BOX 775731 , STEAMBOAT SPRINGS, CO 80477 kfeiges@gmail.com
# Cubic Yards of soil cut/fill and/or amount of surface area moved.	Total Cut: 215 cu. yds Total Fill: 650 cu. yds Total area of disturbance: 22,000 sq. ft		
Site Area:	The site is approximately _____ acres of which _____ acres will be disturbed by construction activities.		
Sequence of Major Activities			
The order of activities will be as follows:			
1 Install perimeter control measures as needed	2 Access to public road	3 Clearing, grubbing, and topsoil stripping	4 Driveway subgrade grading, shaping, and compaction
5 Overlot grading and excavation	6 Import and lay driveway sub-surface and surface materials	7 Fine grading	8 Permanent seeding and soil stabilization measures.
9 Site cleanup and erosion contyrol maintenance until 70% vegetation established.			
Name of Receiving Waters:		Yampa River	
CONTROLS			
Erosion and Sediment Practices			
Stabilization Practices			
Temporary Stabilization -	Straw wattle controls, ditch checks, temporary seeding of exposed areas if left unworked for more than (14) consecutive days.		
Permanent Stabilization -	Vegetation establishment, Erosion control blanket installation on 2:1 slopes, rip-rap stabilization at culvert crossing inlet/outlets.		
Weed Control -	Remove weeds as needed to promote growth of native grasses and vegetation		
Structural Practices			
n/a			
Storm Water Management			
Straw wattle perimeter controls installed on toes of disturbed slopes and around the downsloping limits of disturbance, ditch checks installed in bare swales and ditches, slope and ditch stabilization with straw blanket (or TRM) and grass seed upon fine grading completion.			
Maintenance:	Stormwater control measures shall be inspected once every two weeks or after significant rainfall event that produces runoff (rills are formed, typically >0.25"). Control measures shall be maintained as necessary per the SWMP/CSMP plan notes to remain effective.		

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OTHER CONTROLS	
Waste Disposal:	Waste and debris shall be cleaned up daily. An onsite waste disposal container shall be provided.
Waste Materials	Cardboard, paper, plastic and other common construction related debris.
Hazardous Waste	n/a
Sanitary Waste	A portable toilet shall be provided for construction workers.
TIMING OF CONTROLS/MEASURES	
Straw wattle and/or silt fence perimeter controls shall be installed simultaneously with grading activities at the downsloping edge of the limits of disturbance. Ditch checks shall be installed once the proposed drainage ditches are constructed. Inlet/outlet control measures for culverts shall be installed upon completion of culvert installation.	
CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS	
Contractor is NOT required to obtain a state general permit for stormwater associated with construction activities.	
MAINTENANCE/INSPECTION PROCEDURES	
Erosion and Sediment Control Inspection and Maintenance Practices	
1	Straw wattles and/or silt fence: shall be inspected regularly per this SWMP. When sediment reaches 1/2 the height of the straw wattle or silt fence, the sediment shall be removed and the straw wattle or silt fence maintained.
2	Ditch checks: shall be inspected regularly per this SWMP. When sediment reaches 1/2 the height of the ditch check, the sediment shall be removed.
3	Slope stabilization measures shall be monitored to ensure establishment of both temporary and permanent soil stabilization. Slope failures shall be reported to the engineer of record immediately.
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INVENTORY FOR POLLUTION PREVENTION PLAN

The materials or substances listed below are expected to be present onsite during construction:

- Erosion control measure materials
- Spill Cleanup Kit
- Fuels
- Import Materials (gravel and sub-base)
- Machinery
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Spill Control Practices

In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup:

- All hazardous fluids and chemicals shall be properly stored and have secondary containment.
- A spill cleanup kit shall be kept on site at all times. Onsite personnell should know how to use the spill cleanup kit.
- Care shall be taken when performing re-feuling practices and other fluid filling practices.
- All contaminated soils shall properly disposed of in air tight bags and/or containers.

STORM WATER MANAGEMENT PLAN CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or of those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed:

Joseph Wiedemeier

Date:

5/4/2021