

File Code: 2210
Date: February 9, 2022

(b)(6)

Dalmolin Heights #1
Globe, Arizona 85501

Dear (b)(6)

The following are your 2022 annual operating instructions (AOI) for your allotment.

Authorized Use: Below are authorized livestock numbers per grazing unit, anticipated use dates, and proposed monitoring dates. Please fill out a *Modification of AOI* form in advance of the proposed dates and request approval. Please maintain and submit records that indicate your compliance to permitted use. You are authorized 41 adult cattle and 2 bulls yearlong.

Grazing Unit	Dates of Use	Monitoring Date
Southeast	1/1 to 3/5/2022	2/15/2022
Hayes	3/6 to 7/16/2022	6/15/2022
Mountain	7/17 to 10/8/2022	9/1/2022
Northwest	10/9/2022 to 2/28/2023	1/15/2023

Range Improvement Maintenance: All range improvements must be maintained to Forest Service standards, available at District Office or in your AMP, as stated in your term grazing permit. Stock Tank cleaning is authorized provided there is a Forest Service Road or motorized vehicle trail to said stock tank, and only until fire restrictions begin. You must contact Ryan Summers or Jamie Wages 1 week prior to cleaning each tank to receive final clearance. Absolutely no exemptions will occur once fire restrictions begin.

Pasture	Location	Description of Work	Clearances Needed
Mountain	Pasture fences	Continued repair of fences damaged in the Telegraph Fire	None
Hayes	Wyatt Tank #232020, Hayes Tank #232021	Stock tank cleaning	None



New Improvement – Mountain Pipeline

State and End Date: Start immediately and complete by 2/28/2023.

Construction Specifications: Extend two above ground poly pipelines. First extension is from an existing storage tank South of Forest Road 112C, extending along the road to an old existing trough located just south of Forest Road 55, near entrance to Kellner Canyon recreation areas. A temporary trough the permittee current uses to haul water to will be turned into a permanent trough connected to this extension line.

Second extension comes off the end of an existing trough in the middle of Southeast pasture. The pipeline would run above ground and through the cattleguard on Forest Road 55 onto Northwest pasture where three more troughs will be placed. All troughs are not near any Forest Service roads and will be accessed via overland. Troughs will be placed by horseback. The storage tank will be hauled up to ridge top by a dozer. A blade will be up and walk-up hillside. A temporary route will not be made.

Design Features: Let Jamie Wages or Ryan Summers know when construction is planning to start and all trough and storage locations locations will be flagged for placement. This project will comply with Best Management Practices and the following design features to minimize or eliminate effects to other resources:

Pipelines

- Diameter of pipe should be large enough to carry the flow of the water development but not less than 1 inch, preferably 1¼ inch.
- Inlet and outlet pipe are protected by anchoring to trough with a single post next to the vertical pipe and a brace or pole supporting the horizontal pipe. Inlet and outlet pipeline will be buried as much as possible for their protection.
- All above ground pipeline supported structures will be maintained to keep pipe at gradient and prevent sagging.
- Pipelines with air and drain valves will be covered with fine screen to prevent rodents and dirt from entering pipeline. Screens must be replaced as needed.

Troughs and Storage tanks

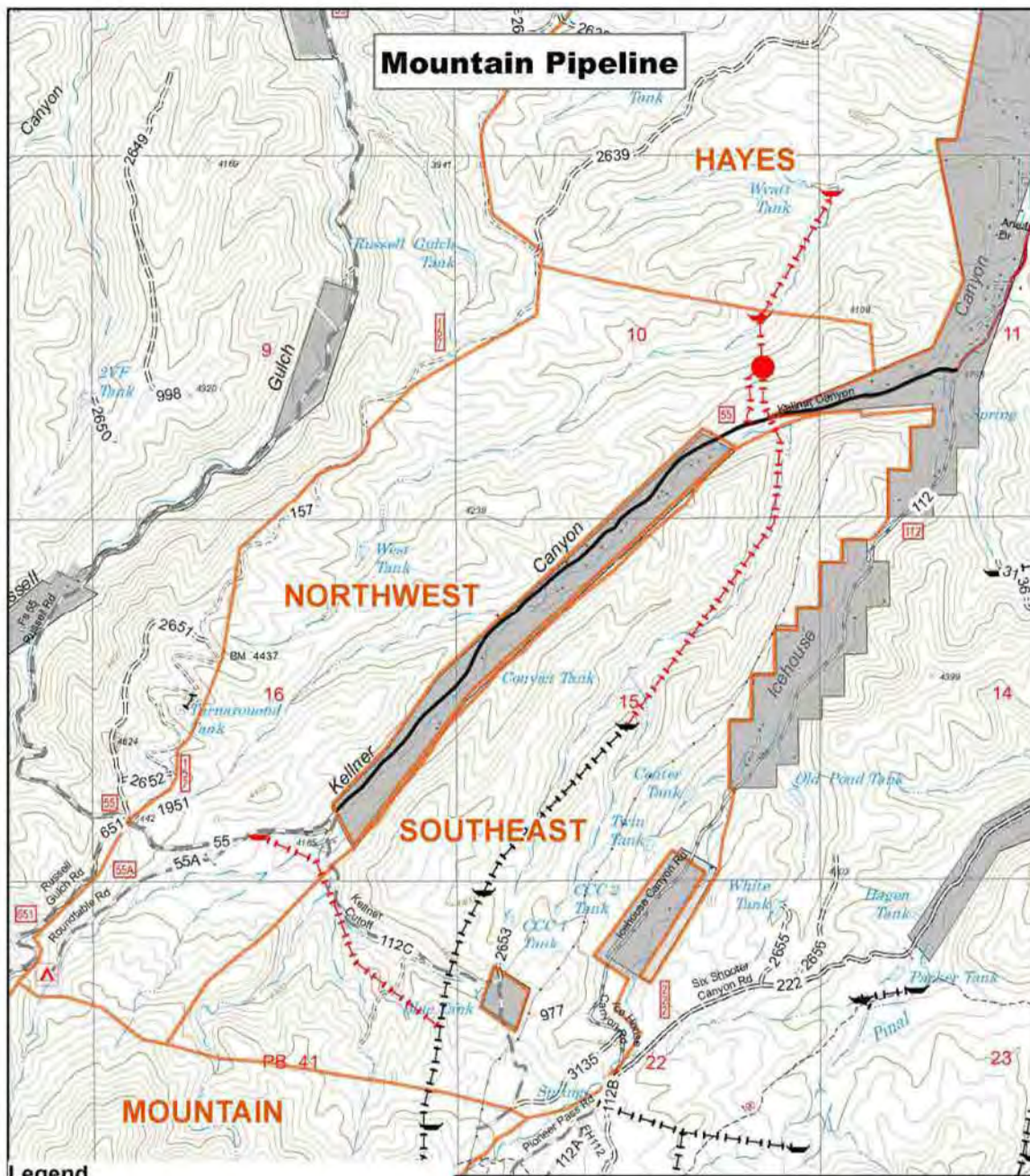
- Troughs will be kept at heights that make them useable to livestock and trough bottom kept clear of ground when possible. Troughs which become elevated or uneven from trampling or erosion is periodically backfilled to maintain a useable height, authorization may be needed.
- All existing or future water developments that have open tops (i.e., troughs, open top storage tanks) must have escape and access ramps. All escape ramps will be built of expanded metal or similar materials and extend to bottom of trough and sides. Ramp will be firmly secured to trough rim so it will not be knocked loose by animals. Access ramps will be constructed of durable material such as concrete or metal. Slope will not exceed 45 degrees. Further design specifications may be required from “Water for Wildlife” by Taylor and Tuttle 2007.
- Poles, posts, and trough framing materials used in water development construction will be maintained, repaired, or replaced as needed. Materials must not be taller than

the trough and wires should not be placed over trough to allow for watering avian species.

Wildlife mitigation

- Prior to construction, Globe Wildlife Biologist will identify sensitive agave and will flag for avoidance.

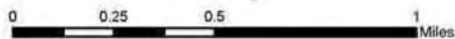
Map



Legend

- Existing Trough
 - Proposed Storage
 - Proposed Trough
 - Existing Pipeline
 - Above ground pipeline
 - PASTURE
 - Non FS Ownership
- | Road Operational Maintenance Level | |
|------------------------------------|-----------------------------------|
| | 5 - HIGH DEGREE OF USER COMFORT |
| | 3 - SUITABLE FOR PASSENGER CARS |
| | 2 - HIGH CLEARANCE VEHICLES |
| | 1 - BASIC CUSTODIAL CARE (CLOSED) |

T1S R15E Section 10, 15, 16, 21, 22
Scale 1:24,000



Tonto National Forest



Allowable Use Standards

Vegetation	Use Threshold
Upland herbaceous species	30-40% of current year's growth
Upland browse species	50% of current year's growth
Riparian herbaceous species	Limited to 40% of plant species biomass and maintain 6-8 inches of stubble height on deergrass
Riparian woody species	Limited to 50% of leaders browsed on upper 1/3 of plants up to 6 feet tall

Monitoring: Upland utilization is measured at the end of the growing season in key areas for key forage species. This information, along with vegetation condition, forage plant production and vigor, soil and watershed condition, will be used to make informed management recommendations concerning pasture moves and stocking rates. Riparian utilization in key reaches is measured during growing season to verify residual vegetation is present for streambank protection during flow events.

If you have any questions, please contact Jamie Wages, Range Staff, at 480-291-4500, andrea.wages@usda.gov or Ryan Summers at 928-242-6125, ryan.summers@usda.gov.

Sincerely,

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ADAM R BRUMLEY
District Ranger