



Categorical Exclusion Form

Project: Akers Water System Rehab

PEPC Project Number: 31569

Project Description: This project will replace the existing water lines at Akers which currently provide potable water to the Akers Store and to the Akers Group Campground. It is proposed that the new water lines be set in place along two new utility corridors that will maximize efficiency in light of the opportunity to tie into recently constructed water lines near the new water tank and the new Visitor Center. The new utility corridors will utilize directional bores to avoid disruption and damage to existing forested areas at Akers and to effectively cross two state highway ROWs. A total of 2,900 ft. (approx.) of new water line, run within new utility corridors, will be set in place. Included in this total, 1,480 ft. of trench (24" deep 12" wide) will be excavated within the Akers Group Camp road corridor. An additional 1,050 ft. (approx.) of water line will be set in using a directional bore in between the Group Camp road and the water tank. Tying into the waterline at the new Visitor Center a second directional bore of approximately 350 ft. will carry a new water line to the Akers Store. Approximately 12 ft. of trenching next to the Akers Store will be required. All trenching will be to a depth of 2 ft. with a 3-4 inch base aggregate laid on the floor of the trench. HDPE pipe (1.5" dia.) will be placed on top of the aggregate, and the trench backfilled. Directional bores will deliver plowable HDPE pipe (1.5" dia.). Where directional bores cross under Hwys. K and KK the HDPE pipe will be set in a 3" steel sleeve. Two permanent hand hole/concrete vaults (30" x 48" x 24") will be installed---one to the east of the water tank, and a second to the south of Hwy. K. In addition, to accommodate the directional bore operation two temporary pits/vaults will be constructed---on to the north of Hwy K. and a second to the southwest corner of the Visitor Center where the construction will tie into the existing water line. All 2,900 ft. of water line will be strung with tracer wire and EMS system markers enabling future GPS navigation to location. With the exception of installing two water spigots in the Akers Group Camp and construction of the last 15-20 ft. of line connecting to Akers Store, this project will be accomplished under contract.

Project Location:

Location

County: Shannon County

State: MO

District:

Section:

Geo. Marker:

Other:

(See Attached Environmental Screening Form)

Mitigation(s):

- **An archeologist should monitor the excavation of the 12 foot trench near the Akers store.**

Describe the category used to exclude action from further NEPA analysis and indicate the number of the category (see Section 3-4 of DO-12):

C.15 Installation of underground utilities in previously disturbed areas having stable soils, or in an existing utility right-of-way.

(See Attached Environmental Screening Form)

On the basis of the environmental impact information in the statutory compliance file, with which I am familiar, I am categorically excluding the described project from further NEPA analysis. No exceptional circumstances or conditions in Section 3-6 apply, and the action is fully described in Section 3-4 of DO-12.

Park Superintendent / Date:

Reed Quet

JUL 7 2010

NPS Contact Person:

Joe Strenfel

Title:

Environmental Protection Specialist

Phone number:

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