



Water Source Inventory Project on the Cave Creek Ranger District

More Fun than Geocaching and with a Purpose!



Do you like to hike or ride on the Tonto National Forest? Would you be interested in having a mission on your hikes/rides? The Cave Creek District is looking for a few individuals, or perhaps a group, who would be interested in helping inventory water sources that have been developed for use by livestock and wildlife.

These water sources are one of 3 types:

- Windmills with troughs
- Springs with concentration boxes constructed at the spring source, with a pipeline that gravity-flows water to a trough and/or large storage tank
- Stock tanks – these are not really tanks, but are small ponds that have been dug out in drainages to collect runoff water. These are typically earthen structures.

The Forest Service will be doing an environmental analysis for improved grazing management on two grazing allotments: Blackjack and New River. The New River Allotment centers on the New River drainage, from its headwaters under Cook's Mesa downstream to the boundary with State land. The Blackjack Allotment is the area north of Seven Springs and south of Bloody Basin. Information collected will be used to create a more accurate map of water locations & their construction for this environmental analysis.

Data collection will be done using 'smart' devices and a free Collector App. There is an instructional PDF presentation at <http://www.friendsofthetonto.org/water-inventory.html>.

Volunteers can use their own Smart device or a loaner from Friends, and will work on their own schedule.

A 4WD High Clearance vehicle will be necessary on most of these Forest Roads

Some sites will require short hikes

This activity will be best accomplished with at least 2 participants working together.

Training: Learn how to use the Collector App

Register at <http://www.friendsofthetonto.org/water-inventory.html>

Feb 15, 7:00PM

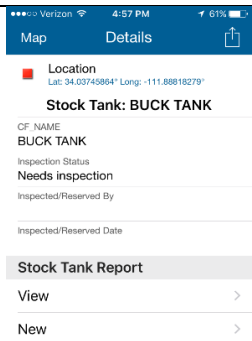
Mesa Fire Station #218

845 N Alma School Rd, Mesa, AZ 85201

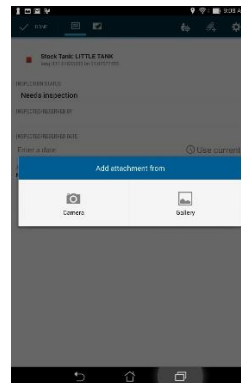
Feb 22, 7:00PM

Cave Creek Ranger District

40202 N Cave Creek Rd, Scottsdale, AZ 85262



Screenshot from iPhone of selected Water Feature (Buck Tank) which Needs Inspection



Screenshot from Android device with feature to attach photos to report.



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friendsofthetonto.org