

Storm Water Monitoring in Upper Bull Creek and Flint Ridge Cave

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The Water Quality Monitoring (WQM) Section of the City of Austin Watershed Protection Department operates two stormwater monitoring sites on BCP lands. The first site is on upper Bull Creek consisting on one flow station, one rain gauge and one automatic sampler. Flow at this site was intermittent during the first nine months of the year. Successive large rainfall events on 13OCT13 and 30OCT13 resulted in sustained base flow through the time of the writing of this report. Five stormwater quality samples were collected during the year on 17JUL13, 13OCT13, 16OCT13, 30OCT13 and 06NOV13. Due to reporting problems at the analytical laboratory, the results of these samples are not available at this time. Monitoring is ongoing

The second WQM monitoring site is located at Flint Ridge Cave. This site consists of three flow stations, three automatic samplers, two rain gauges and one stage recorder at the entrance of the cave. There was no runoff recorded or samples collected at this site for the first nine months of the year. Successive storms on 13OCT13 and 31OCT13 generated runoff, however the runoff generated was greater than the recharge capacity of the cave (partial blockage is suspected) which resulted in a backwater condition and the subsequent flooding of the three automatic samplers and damage to the three flow meters. Repairs have been made to the impacted stations and monitoring is ongoing.