

Mill Creek Fish Species
Recreation Residents

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On July 14, 2005 fish surveys sampled every 0.5 miles of Mill Creek, Salt Lake County, on National Forest Lands. The objective was to determine the fish species composition in Mill Creek. The survey was conducted by Paul Cowley, Michael Barry, Kimberly Johnson. The survey started at the upper Box Elder Campground and went upstream to the end of the road at the trailhead. Cutthroat trout were found from the Box Elder Picnic Area, the beginning of the survey, up to Elbow Fork where a flow weir prevent upstream movement. Non-native brown trout were found from the Box Elder Picnic area, the beginning of the survey, upstream to Maple Grove Picnic Area. Brown trout are then not found again until just above the Firs Summer Home area. Evidence of rainbow trout in the form of rainbow or rainbow-cutthroat trout crosses were found from the Porter Fork Bridge up to Maple Cove Picnic Area. Rainbow trout are then found from the weir above Elbow Fork up to where no fish are found.

Sample Site 1 (437,985 M E, 4,505,218 M N Z12 NAD27ConUS)

This site is adjacent to Box Elder Picnic Area. Eleven cutthroat trout and two brown trout were collected at this site.

Sample Site 2 (438,980 M E, 4,505,382 M N Z12 NAD27ConUS)

These sample sites was just below the Porter Fork Bridge. Seven cutthroat trout and two brown trout were collected at this site.

Sample Site 3 (439,036 M E, 4,505,407 M N Z12 NAD27ConUS)

These sample sites was just above the Porter Fork Bridge. Two cutthroat trout, one rainbow-cutthroat trout cross and two brown trout were collected at this site.

Sample Site 4 (439,109 M E, 4,505,419 M N Z12 NAD27ConUS)

This site is just below the old cement dam adjacent to the Box Elder Guard Station. Two cutthroat trout, one rainbow-cutthroat trout cross and one brown trout were collected at this site.

Sample Site 5 (439,895 M E, 4,505,459 M N Z12 NAD27ConUS)

This site is adjacent to Maple Grove Picnic Area. Fourteen brown trout, three cutthroat trout, one rainbow trout and one cutthroat-rainbow trout cross were collected at this site.

Sample Site 6 (440,519 M E, 4,505,452 M N Z12 NAD27ConUS)

This site is adjacent to Maple Cove Picnic Area. Five cutthroat trout, a rainbow trout and a rainbow/cutthroat trout cross were collected at this site.

Sample Site 7 (441,285 M E, 4,505,814 M N Z12 Nad27ConUS)

This site is adjacent to Evergreen Picnic Area. Four cutthroat trout were collected at this site.

Sample Site 8 (441,619 M E, 4,506,114 M N Z12 Nad27ConUS)

This site is adjacent to the cabin just below Elbow Fork Trailhead. Three cutthroat trout were collected at the site.

Sample Site 9 (441,790 M E, 4,506,168 M N Z12 NAD27ConUS)

This sample site is just above a flow weir at Elbow Fork. This weir forms a migration barrier. Eight rainbow trout were collected at this site.

Sample Site 10 (442,139 M E, 4,505,451 M N Z12 NAD27ConUS)

This sample site is about a half a mile above Elbow Fork Trailhead. Four rainbow trout were collected at this site.

Sample Site 11 (442,749 M E, 4,505,224 M N Z12 NAD27ConUS)

This sample site was adjacent to clover springs picnic area. Six rainbow trout were collected at this site.

Sample Site 12 (443,467 M E, 4,504,651 M N Z12 NAD27ConUS)

This sample site is just upstream of the Firs Summer Home Area.. Twelve fish, six were rainbow trout and six were brown trout, were collected.

Sample Site 13 (443,990 M E, 4,504,258 M N Z12 NAD27ConUS)

This sample site is about a mile downstream of the trailhead. No fish were collected at this site.



Photo of the stream in sample site 13.

Sample Site 14 (444,587 M E, 4,504,174 M N Z12 NAD27ConUS)

This sample site is about a half a mile downstream of the trail head. No fish were collected at this site.



Photo adjacent to sample site 14.

Sample Site 15 (445,389 M E, 4,503,753 M N Z12 NAD27ConUS)

This sample site is adjacent to the trailhead at the end of the Mill Creek Road. No fish were collected at this site.



Photo adjacent to sample site 15.

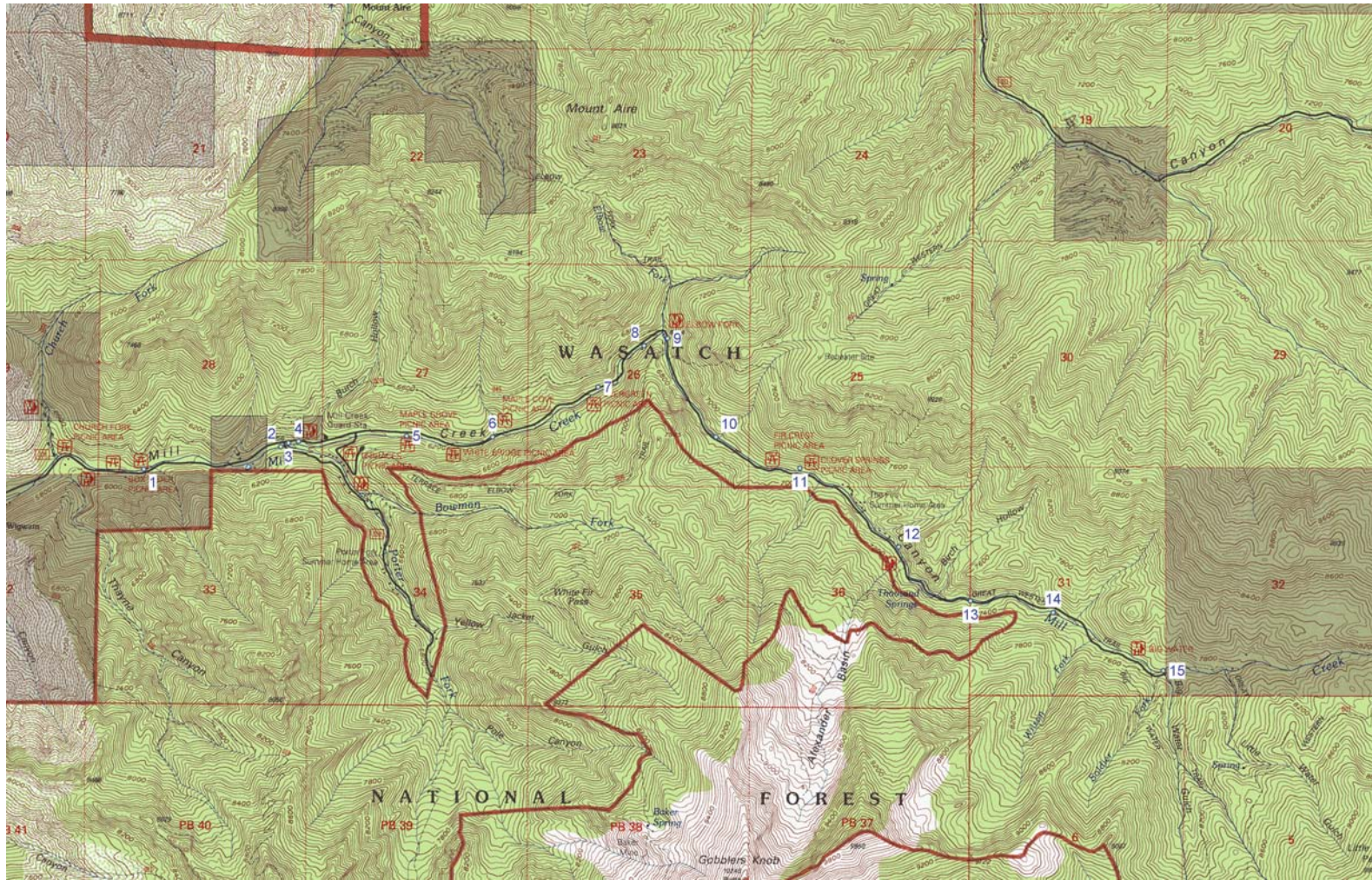


Figure 1. Map of fish sampling points in Mill Creek, Salt Lake County, Utah, 14 July 2005.