

Tushar Allotments Collaboration

Assignments by Timing

(as of 11/29/07 Collaboration meeting)

[to be added at 2/6/08 Collaboration meeting:

Ten Mile allotment, aspen and mountain mahogany recruitment]

NOTE: Please **set specific dates for these tasks ASAP**, so people can include them on their busy calendars. Let facilitator Michele Straube (mstraube@mindspring.com) know when specific dates have been set, so that all Collaboration participants can be notified and can decide whether they wish to join the activity.

[The first name listed in bold is the team leader with primary responsibility for the task. The other names are team members, who will work with the team leader to get it done.]

ASAP

- Pine Creek allotment: Confirm that UDWR dedicated hunters will install / maintain / improve fences as agreed before 6/16/08. (Pine Creek and border fences, electric fence in wildcat). (**Sean Kelly**)
- Pine Creek allotment: Provide map of necessary fence improvements and estimated mileage to Sean Kelly. (**Selena Yardley**)
- Placement of utilization cages provided by Jim Catlin. (**Doug Sorensen**)
- Beaver reintroduction: Contact ENEL to explore their intended timing and need for Pine Creek water, as well as point of use for water. Coordinate with Sean Kelly on getting signatures / permission for use of water before reintroduction this summer. (**Bob Campbell**, Sean Kelly)
- Add direct link to Collaboration website (<http://tushar.ecr.gov/>) on Collaboration member organizations' websites. (**All Collaboration members**)

Before 2/6/08 Collaboration meeting

- Pine Creek allotment: Scan in 1960s/1970s range analysis site maps. (**Doug Sorensen**)
- Pine Creek allotment: Post maps to website that show vegetation, range improvements, other developments, veg treatments (e.g., chainings), roads, burns, riparian areas, capacity, topographic features, etc. (**Doug Sorensen**, John Carter)

- Beaver reintroduction: Develop a potential problems/solution management scheme, including funding options; and communicate with the state. (**Mary O'Brien**, Steve Flinders, Sean Kelly, Joe Yardley)
- Pine Creek allotment: Groundtruthing of the current suitability/vegetation map to consider erosion (Doug visit in Salt Lake with Jim/John on GIS to look at preliminary sites for examining during summer 2008). (**Doug Sorensen**, Joe Yardley, Jim Catlin, John Carter, John Keeler)
- Pine Creek allotment: January 2008 elk counts. (**Sean Kelly**, Permittee observer?)
- Pine Creek allotment: Distribute Catlin/Carter paper on AUM/forage estimation of wildlife/livestock. (**Mary O'Brien**)
- *Before 2/6/08 meeting ??*: Pine Creek allotment: Estimate AUMs of cattle and elk and forage consumption. (**Jim Catlin/John Carter**)
- Pine Creek allotment: Bring a proposed method for assessing willow. (**Mary O'Brien**)
- Pine Creek allotment: Talk to Nicole Frey about a potential graduate student interest in the cheat grass experiment. (**John Keeler**)
- Pine Creek allotment: Look up NFF masters grant application process. (**Mary O'Brien**)
- Pine Creek allotment: Mapping of cheat grass on the allotment. (**Permittees** prepare a base map during the Feb. permittee meeting; Doug Sorensen and Permittees might ride; **all Collaboration members** add to it during the season)
- Pine Creek allotment: Bring information, including map, on vegetative treatment sites, goals, evidence of goals being met/not met and where. (**Doug Sorensen**)
- Pine Creek allotment: Determine what vegetative improvement sites need to be visited to gather data that are missing. (**Doug Sorensen**, Collaboration)

Before 4/1/08

- Pine Creek allotment: Put out more utilization cages. John can provide 12-15 upland cages. Doug will make some riparian cages. Pick locations with Joe and Selena. (**Doug Sorensen**, John Carter, Joe Yardley, Selena Yardley)

Before summer 2008

- *Before beaver reintroduction* : Get signatures of water users (Robert Yardley, Joe Yardley, Pete Yardley, ENEL) and agreements with everyone else who might have a concern. (**Sean Kelly**)
- *As early as possible summer 2008*: Gather data on browse levels. (**Mary O'Brien**)
- *Before beaver reintroduction*: Water flow measurements prior to release. Establish an in-stream water gauge/flow meter prior to release (funding? Ask hydrologist?). (**Mary O'Brien**)
- *Before beaver reintroduction*: Identify a control stream for comparison on water. (**Mary O'Brien**)
- *Before summer 2008*: Add Pine Creek to the list of areas closed to beaver trapping in 2008. (**Sean Kelly**)
- *By May 2008*: Pine Creek allotment: Need a rapid assessment checklist re: habitat conditions of springs. (**Mary O'Brien**)

Spring / early summer 2008

- Beaver reintroduction on Pine Creek. (**Mary O'Brien**, UDWR, **need volunteers to help translocate beavers**)
- *Early 2008 field season*: Collaboration field trip to allotments; take pictures. (**All Collaboration members attend**)
- *Before May 2008*: Beaver reintroduction: Work with Mary O'Brien to determine what in-stream water gauge/flow meter system would be best prior to release of beaver. John Carter may have a staff gauge(s). (**John Carter**, Mary O'Brien)

Summer 2008 (no month specified)

- *Summer 2008*: Pine Creek allotment: Monitoring to see if utilization criteria standards being met or exceeded. (**Doug Sorensen**, John Carter/Jim Catlin?, fall Whitman College students)
- *Summer 2008*: Pine Creek allotment: Visit Wildcat Creek, Grassy, Twitchell, North Creeks before, during, and after grazing in terms of forest plan standards. (**Mary O'Brien**, Doug Sorensen, Selena Yardley, Clark Bradshaw) (**Selena Yardley** to encourage Clark Bradshaw to attend)
- *Summer 2008*: Pine Creek allotment: A survey of selected springs, both developed and undeveloped, for habitat conditions. Could be done during re-

survey of Pine Creek/Sulphurdale Allotment springs (it's time to do that). (**Doug Sorensen**, Mary O'Brien?, Trust Wyss Fellow?)

- *Summer 2008*: Pine Creek allotment: Prioritize stock water developments/wetlands fencing. (**Doug Sorensen**, Permittees, Collaboration)
- *Summer 2008*: Pine Creek allotment: Use the rapid assessment method for aspen/cottonwood browse to determine whether utilization criteria standard is effective in improving the forage resource. (**Mary O'Brien**)
- *Summer 2008*: Pine Creek allotment: Use a Collaboration-approved method for assessing willow browse. (**Mary O'Brien**)
- *Summer 2008*: Pine Creek allotment: Use Rapid Stream Riparian Assessment. (**David Smuin**; Jim Catlin)
- *Summer 2008, after cattle entry*: Pine Creek allotment: Understory utilization prior to cattle entry and after cattle entry; and prior to snow. (**Jim Catlin/John Carter**)
- *Summer 2008*: Pine Creek allotment: A Forest Supplement to accept the browsing methods being used. (**Doug Sorensen**, Diane Freeman)
- *Summer 2008*: Pine Creek allotment: Pellet group counts. (**Sean Kelly**; Steve Flinders)
- *Throughout 2008 field season*: Pine Creek allotment: Mapping of cheat grass on the allotment (**Permittees** prepare a base map during the Feb. permittee meeting; Doug Sorensen and Permittees might ride; **all Collaboration members** add to it during the season)

May 2008

- *End of May 2008*: Pine Creek allotment: Two three-way exclosures in two places (4 exclosures). (**Bob Campbell**, a field day for Collaboration?)
- Monthly site visit to note beaver activity. (**Steve Flinders**)
- *Early summer*: Pine Creek allotment: Test cheat grass 3 years in a row on extreme NW corner of allotment. Some fences already in place. Potential chaining after intensive grazing on one portion. (**Doug Sorensen**, Lee R Yardley; Joe Yardley) Clean pond out in the area. (**Joe Yardley**)

June 2008

- *Before 6/16/08*: Pine Creek allotment: Evaluate existing fencing and develop fencing plan. (**Doug Sorensen**, Selena Yardley, Sean Kelly)

- *Before 6/16/08:* Pine Creek allotment: Develop herding plan for each pasture. (**Doug Sorensen**, Permittees).
- *Before 6/16/08:* Pine Creek allotment: Review grazing rotation schedule in annual meeting in February. (**Doug Sorensen**, Permittees)
- *Before 6/16/08:* Pine Creek allotment: Disseminate map of developed and undeveloped springs to all Collaboration members (or post on website?) (INFRA survey?). (**Doug Sorensen**)
- *Before 6/16/08:* Pine Creek allotment: Visit Wildcat Creek, Grassy, Twitchell, North Creeks before, during, and after grazing in terms of forest plan standards. (**Mary O'Brien**, Doug Sorensen, Selena Yardley, Clark Bradshaw) (**Selena Yardley** to encourage Clark Bradshaw to attend)
- *Before 6/16/08:* Pine Creek allotment: Evaluate stock water locations for needed improvements.(some has been done with INFRA surveys) – e.g., Dipping Vat and associated wetlands below; North Spring overflow. (**Doug Sorensen**; assigned Permittee; Mary O'Brien)
- *Before 6/16/08:* Pine Creek allotment: Aspen browse counts throughout the allotment – before cattle entry; right after cattle leave; and prior to snow. (**Mary O'Brien**)
- *Before 6/16/08:* Pine Creek allotment: Understory utilization prior to cattle entry and after cattle entry; and prior to snow. (**Jim Catlin/John Carter**)
- *Before 6/16/08:* Pine Creek allotment: UDWR dedicated hunters will install / maintain / improve fences as agreed before 6/16/08. (Pine Creek and border fences, electric fence in wildcat). (**Sean Kelly**)
- Monthly site visit to note beaver activity. (**Steve Flinders**)
- Monitor utilization during 2008 to see beaver / cow interaction (if any). (**need volunteers**)
- *End of June 2008.* Pine Creek allotment: Re-read 10-12 trend studies in 2008 (**Bob Campbell**/Dave Tait/Doug Sorensen; Mary O'Brien; potentially Utah Native Plant Society). (**John Carter** to check whether Bob Edwards can participate). 1 week / allotment.
- *End of June 2008.* Ten Mile allotment: Re-read 10-12 trend studies in 2008 (**Bob Campbell**/Dave Tait/Doug Sorensen; Mary O'Brien; potentially Utah Native Plant Society). (**John Carter** to check whether Bob Edwards can participate). 1 week / allotment.

July 2008

- Monthly site visit to note beaver activity. (**Steve Flinders**)
- Monitor utilization during 2008 to see beaver / cow interaction (if any). (**need volunteers**)

August 2008

- Monthly site visit to note beaver activity. (**Steve Flinders**)
- Monitor utilization during 2008 to see beaver / cow interaction (if any). (**need volunteers**)
- *Late 2008 field season:* Collaboration field trip to allotments; take pictures. (**All Collaboration members attend**)

September 2008

- Monthly site visit to note beaver activity. (**Steve Flinders**)
- Monitor utilization during 2008 to see beaver / cow interaction (if any). (**need volunteers**)
- *Summer 2008:* Pine Creek allotment: Monitoring to see if utilization criteria standards being met or exceeded. (**Doug Sorensen**, John Carter/Jim Catlin?, **fall** Whitman College students)
- *End of summer 2008:* Beaver reintroduction: Water flow measurements post-release. Collect data from in-stream water gauge/flow meter installed prior to release. (**Mary O'Brien**)
- *Right after cattle leave (post 9/30/08):* Pine Creek allotment: Aspen browse counts throughout the allotment – before cattle entry; right after cattle leave; and prior to snow. (**Mary O'Brien**)
- *Post 9/30/08:* Pine Creek allotment: Visit Wildcat Creek, Grassy, Twitchell, North Creeks before, during, and after grazing in terms of forest plan standards. (**Mary O'Brien**, Doug Sorensen, Selena Yardley, Clark Bradshaw) (**Selena Yardley** to encourage Clark Bradshaw to attend)
- *Prior to snow:* Pine Creek allotment: Aspen browse counts throughout the allotment – before cattle entry; right after cattle leave; and prior to snow. (**Mary O'Brien**)
- *Prior to snow:* Pine Creek allotment: Understory utilization prior to cattle entry and after cattle entry; and prior to snow. (**Jim Catlin/John Carter**)

- *Before first fall 2008 Collaboration meeting:* Pine Creek allotment: Define range readiness and when does it occur. A short literature search on range readiness. (**Doug Sorensen**; Bob Campbell) John Carter says NRCS has developed site descriptions with tables on grass development/dates.
- *Before first fall 2008 Collaboration meeting:* Pine Creek allotment: Literature search on results of various cheat grass treatments (e.g., using livestock, newer herbicides) (e.g., Robin Tausch?). (**Doug Sorensen**)

2009

- *Early summer:* Pine Creek allotment: Test cheat grass 3 years in a row on extreme NW corner of allotment. Some fences already in place. Clean pond out in the area. Potential chaining after intensive grazing on one portion. (**Doug Sorensen**, Lee R Yardley; Joe Yardley)

2010

- *Early summer:* Pine Creek allotment: Test cheat grass 3 years in a row on extreme NW corner of allotment. Some fences already in place. Clean pond out in the area. Potential chaining after intensive grazing on one portion. (**Doug Sorensen**, Lee R Yardley; Joe Yardley)