

Scott Boettcher

From: Scott Boettcher <ScottB@sbgh-partners.com>
Sent: Thursday, October 13, 2011 6:58 PM
To: ScottB@sbgh-partners.com
Subject: ACOE Mitigation Projects in Chehalis Basin

From: "Jim Shannon" [jshannon@anchorqea.com]
Date: 10/06/2011 07:56 PM
To: "greggh@sbgh-partners.com" <greggh@sbgh-partners.com>
Subject: FW: Chehalis

Chehalis Enhancement Project list and some details:

1. Bank regrade, low bench, and riparian revegetation in lower 10 miles of Newaukum River, South Fork Chehalis and mainstem at River Mile 66-80?
2. SR 6 Oxbow. City of Chehalis owns 2/3 of property. 130 acres. Could also include Scheuber Ditch floodway area, which would require a connection (culvert, bridge, etc.) under SR-6. City of Chehalis owns Poplar farm on the north side of SR-6 that may be available for restoration. Landowner in the SR-6 Oxbow site may be interested in conservation; but landowners to the north along Scheuber Ditch are less amenable to restoration. This oxbow is currently connected at about a 1.2 yr flow.
3. Horse shoe lake oxbow; about 75 acres. 2 land owners. Improve connection to main channel – not currently a connection that we could see, when floodwaters exceed the bank elevation (something above a 2 yr flow, maybe 5 yr flow), then it could briefly connect. Looks like it would require about 12 feet of excavation to create a channel connection for winter rearing (i.e. Nov to May).
4. Pheasant Farm Fords Prairie. 200 acres (combined WDFW and private landowner just downstream). WDFW owns a pheasant farm and may be open to conservation (they are interested). Good floodplain area with potential excavation and enhancement. The area closest to the river already has a number of higher flow side channels, etc. and good riparian cover; is good quality existing. There are a few fields that are hayed that could be excavated for wetlands and side channels and also revegetated.
5. Salzer Creek from Mouth to Fairgrounds. National Frozen Food Corp owns property lower ½ mile or so. Maybe interested in participating. Old oxbow near Salzer Creek with no riparian vegetation. Could improve/enhance Salzer Creek and connection to oxbow. Also could continue upstream at airport road and to bridge at I-5. Salzer Fairgrounds has a big wetland and also Coal creek connection. Almost a mile of creek and 200 acres of habitat. This is a large scale site with good floodplain and wetland benefits, but the creek is of limited value to salmonids, could be an Olympic mud minnow site, however.
6. Sewage Treatment Plant. Old plant could be demolished and reconnected to oxbow. Near Dillenbaugh Creek. Dillenbaugh creek has fish passage issues because it crosses I-5 three times. Rice Road parcels and owners want to sell. WSDOT and City also own some property and could include 120 acres in all. Look at route of Dillenbaugh Creek (lower 2 miles or so) that traverses the Chehalis River floodplain. Could either reroute Dillenbaugh Creek into the Newaukum at Stan Hedwall Park, or could improve its existing course and send towards old sewage treatment plant. Bob Burkle has been a fan of rerouting it into Newaukum.
7. Newaukum Valley Golf course upstream of I-5. Golf Course landowner is interested in enhancements. Potential for riparian and in-channel enhancements – area of channel migration.

8. North Fork Newaukum. From Tauscher Road downstream to confluence is potential for riparian and floodplain restoration. A couple of interested landowners (owner of a trout pond, etc.). Would then connect to WSDOT's mitigation bank at lower end of Middle Fork Newaukum.

9. Skookumchuck River upstream if river mile 10 the river is against one wall of the valley with whole rest of valley open for potential enhancement. Difficult site to get to, we've not really seen it but from photos the river has been rerouted to edge of floodplain (hillslopes) and there are remnant wetlands and side channels and large floodplain area.

10. Mainstem Chehalis: Galvin Road area. Many oxbows downstream of Grand Mound. Oakville Backwater. Plenty of opportunity here and a chance to couple with a current tribal enhancement project. Porter Area. Just upstream are the black hills tributaries and old oxbows. Also oxbows at Porter Creek. Also Mox Chehalis River confluence and oxbow area.

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