

Spencer Easton

From: David Curtis [dcurtis@westconsultants.com]
Sent: Monday, April 11, 2011 2:36 PM
To: Bruce Mackey
Cc: Spencer Easton; Ann Root; Louthain, Jerry
Subject: Chehalis Flood Warning System Project Update
Attachments: ChehalisHighBridgeMap.jpg; Riverside_0030.jpg; Haywire_0015.jpg; Beeville0281.JPG
Bruce,

At this point we just have three rain/temperature gages installed at

1. FPD12Station 3,
2. Haywire Ridge, and
3. Riverside Fire Station.

Sample installation photos are attached.

Everything else is still on hold until we get the appropriate permissions. We are ready to go. Weather isn't a problem but high water levels at WF Satsop will complicate installation of the stage sensor.

I expect Weyerhaeuser will issue a permit soon for these 4 rain gages for rain/temperature: Brooklyn, Rock, Newaukum, Upper Skookumchuck. We have given them all of the information they asked for and don't anticipate any problems.

We are still working on the agreement for access to the WF Satsop stream gage site. We should have a draft for review and signature by Terry this week.

The GOES satellite license form was emailed to Terry Willis for signature. I don't have any confirmation that the form was signed yet.

The Entry Permit with Riverside Fire Authority was signed by Terry Willis per her email but I don't have a hard copy. (I'm assuming everything is OK since the gage is installed but I think the permit was more for future maintenance access.)

We supplied Terry Willis' contact info to DNR Leasing for site but haven't heard if the authority has received or signed anything from DNR. Steve Gustafson is checking with DNR today to see what they've heard/seen/done.

We got good news from Transalta, I connected the right "techno-geeks" who figured out a method acceptable to all concerned (so far) to transfer the lake elevation behind Skookumchuck Dam to Conrail. I requires about \$3000 is software work by I have room in our budget for it. That frees up the stream/rain/temperature equipment for use elsewhere so we end up with an additional stream gage out of the deal.

Steve Gustafson has researched sites and found a good site on the upper Chehalis at High Bridge. It's noted at the bottom center of the attached map. Steve is talking with Weyerhaeuser about that site and other possible locations but there aren't too many potential candidates left.

Dave

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