Ridgefield Pits Study – Summary of initial meetings, 9/10/18, 11/20/18, 4/23/18, 6/27/18

Concerns identified:

Pat Lee – erosion along Daybreak Park shoreline is a concern for recreational planning (creating a static system), which is sort of at odds with habitat restoration planning (maintaining a dynamic system). How to better align the two?

Dick Deardorf: avulsion into Pits caused loss of spawning habitat where river used to go. Head-cutting throughout our reach progressing up past Daybreak Park.

Dick – are upstream factors influencing the site?

Gardner – braided system is gone. Do we want to try to re-create this, or a single thread pool-riffle system similar to what existed just prior to avulsion?

Daybreak Pits – will river avulse into here? What would that do? How long would it take to recover?

Dick – wider, shallower channels are heating up too much. Thinks narrower/deeper would be better.

Alan – want to avoid degrading what is currently working (i.e. spawning to some extent).

Water temperature seems like the biggest concern currently. Spawning is occurring, but less than what it used to be. Particularly for chum.

Dave Brown – erosion/sedimentation at mouth of Mill Creek. Water temperatures

Bruce ? – just upstream of Pits, experiencing erosion of bench on his property.

Mining History:

* Storedahl applied for permits in early 2000s for mining Daybreak. Required HCP.
* HCP developed from 2005 – 2012. Mining begins 2012.
* Permit lifetime: 25 years. 2027 should be the end.
* 18 conservation measures in HCP.
* Only measures relevant to RP were the monitoring, and reinforcing road to prevent erosion into Daybreak.
* Monitoring measures for RP include R2’s fish monitoring report, WEST studies.
* Conservation easements for donating reclaimed areas. CLT has acquired 19-acre parcel through this.
* Provisions for up to ~$25k annually for others doing related conservation/restoration work.

Landowner History:

* Pacific Rock owns most land in immediate vicinity of RP. Will this constrain restoration work?
* Storedahl owns Daybreak and some other areas.
* See landowner map I created.
* State owned DSL aquatic lands extend to about Mason Cr. Who owns river bottom US of this?