

## **Appendix E**

### **April 2005 Open House Notes and Updated Johnson Creek Rating Curve**

**SINMAX CREEK INFORMATION SESSION**  
**FLOW RECOVERY PLAN**

April 28, 2005

**ATTENDANCE**

R. Dean Watts	Department of Fisheries & Oceans
Herbert Lovgren	Rancher
Doug Miller	SCWU Association
Brent Hamblin	Minnova Mine (Inmet)
Bob Costerton	BC Rivers Consulting
Tony Letchford	Farmer
Jim Lenko	Johnson Lake Resort
	<a href="mailto:info@johnsonlakeresort.com">info@johnsonlakeresort.com</a>
Lois Miller	SCWU Association
Graham Strachan	Ministry of Agriculture
Ross Huber	Rancher
Rick Hook	Rancher
Jacki Van Sickle	Rancher
Al Caverly	Water, Land & Air Protection
Al & Nancy Manseli	Residents
Leo Huber	Resident
Mark Keller	Rancher

**Follow-up contacts:**

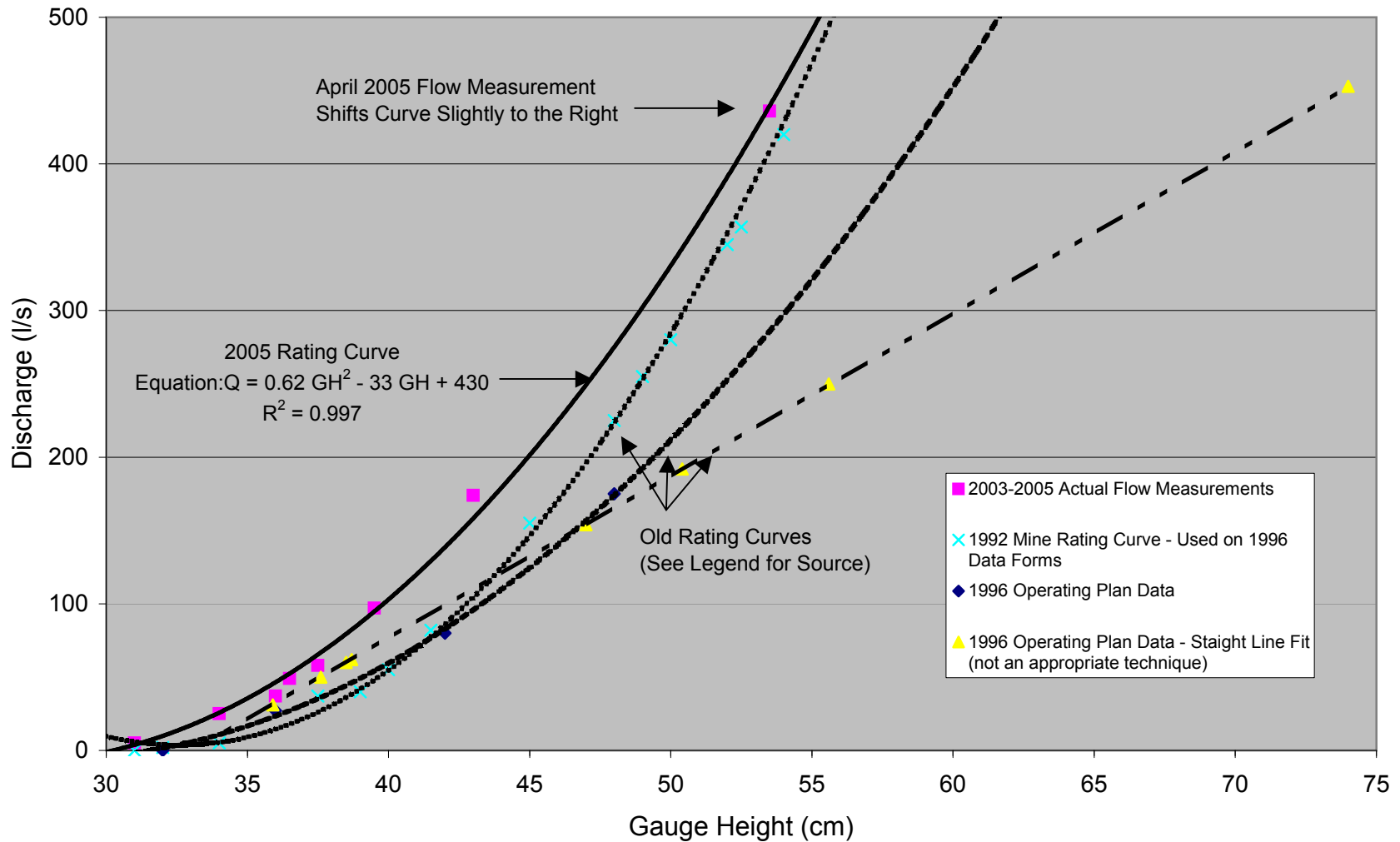
Greg Witzky	Adams Lake Band
Kelly Austin	Department of Fisheries & Oceans
Brian Nuttall	Land & Water BC.

## **Sinmax Open House Notes – Squam Bay Hall, April 28, 2005**

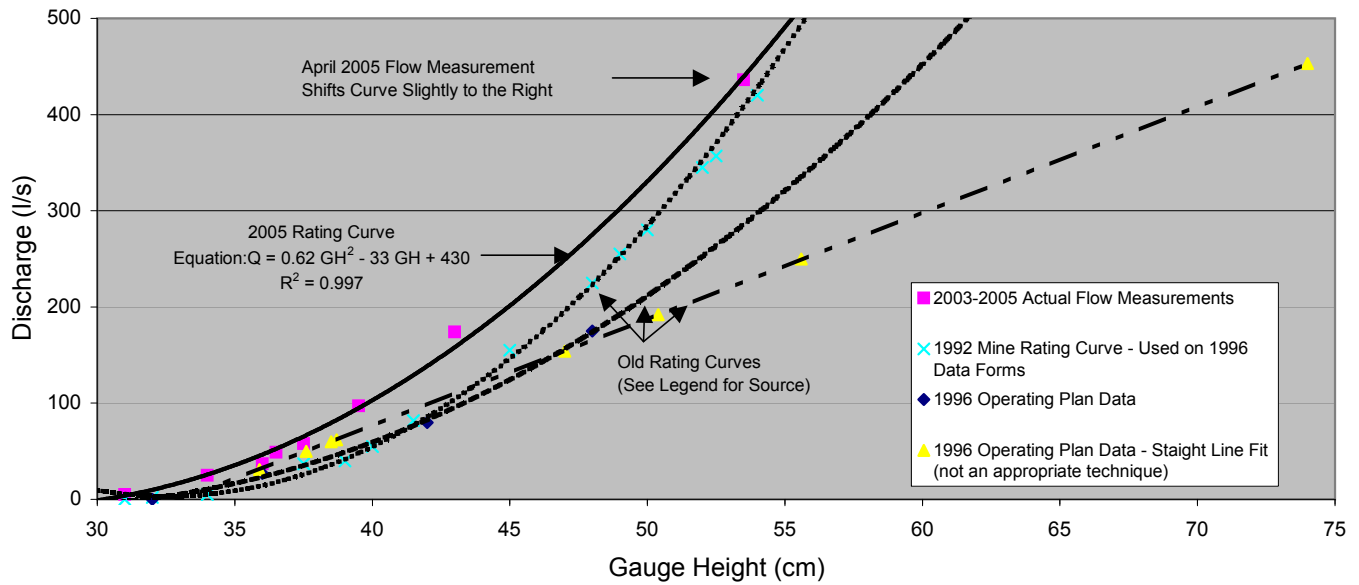
- additional storage potential, small lakes west of Johnson are part of the Dixon chain, most drain to Sinmax. Located at the top of the watershed but were under consideration for small weirs (Sams Lake) and storage. B. Nuttal has some information and possibly a preliminary qualitative assessment. Post meeting comment, Steve Maricle recalls some D.U. surveys in that area. Fish flows only?
- Donna Poloff, grew up on Miller place around 1926, Doug asked if the dry section ever dried up. Reply was her Dad would have made “lots of noise” if the stream dried up then, so if it did dry up it was rare. According to younger Keller, Clint Keller (Sr.) remembers dry sections every few years prior to the dam construction. Lois Miller reports flood irrigation common, even in the 1920’s.
- Dam responsibility, Jim Lenko acts as water bailiff. Nobody pays for this service now, however, the water licensees derive the benefit (WLAP, Water Users). Doug Miller recalls minutes on a joint works agreement with Fisheries (Fish and Wildlife). Fisheries said at the time they would just as well see the dam removed.
- Who owns the dam? Doug Miller is aware of a letter coming from Victoria passing dam ownership to water users.
- Ranchers and MAFF discussion on winter hardening, drought senescence prepares alfalfa for winter, but good to follow up and water in October (if there is water available, conflict with water license shutdown date). Some ranchers would prefer to do this in a dry year after second cut in mid-August, given advance notice of drought.
- Early warnings and checkpoints instead of late shutdown letters from government.
- Inmet Mine would like to know the flow situation 30 to 60 days in advance to plan releases for dilution. Could add 15 l/s (or more) in dry times, water is 10 to 100 times better than permit requirements. Dry section as low as 19 l/s in 2004 (completely dry in 2003) so could almost double flow.
- Dredge lake outlet? Lake already does not fill some years (3 out of last four). Fish habitat issues in stream and lake.
- Action: Try and formalize the new rule curve including the mine releases, Water Users Committee needs to get agreement with LWBC and WLAP over the changes and over dam operation/liability issues.

A.C.

## 2005 Johnson Creek Rating Curve Immediately Downstream of Weir



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**Table of Flows for Each Gauge Height Under the April 2005 Rating Curve**  
Johnson Creek at the Outlet of Johnson Lake

Gauge Height (cm)	Flow (l/s)
30	0
31	3
32	9
33	16
34	25
35	35
36	46
37	58
38	71
39	86
40	102
41	119
42	138
43	157
44	178
45	201
46	224
47	249
48	274
49	302
50	330
51	360
52	390
53	423
54	456
55	491

Note: Regular flow measurements are required to confirm the rating curve over the range of flows shown. April 2005 measurement plots to the right of the 2004 curve shown in Figure 2, which could be a curve shift or just better defining the upper curve.