SUMMARY OF GLENNALLEN STOCKED LAKES EVALUATIONS 1996

Crater Lake: located at Mile 1.2 Lake Louise Rd., is scheduled for bi-annual stocking of 3,200 rainbow trout fingerling at 200 per surface acre. Sampling with 4 fyke nets produced catches of rainbow trout fingerling, but no older age classes. I would recommend stocking 1,600 rainbow trout annually at 100 per surface acre, plus adding a sign stating "Stocked by ADF&G".

Table 1. Crater Lk. Catch Summary: sampled 8/28/96 with 4 fyke nets for 96 hrs.

	RT 0+
N =	68
MEAN (mm)=	92
SDV =	13.70
SE =	1.66
RANGE=	
CPUE =	0.71

RT= rainbow trout

Dick Lake: located at Mile 173 Richardson Highway, is scheduled for bi-annual stocking of 10,000 grayling fry and annual stocking of 4,000 Arctic char fingerling. Sampling with 3 fyke nets produced only 10 0+ grayling, and the gill net catching 10 older grayling with a mean length of 272 mm indicating grayling do survive to catchable size. The poor catches from the fyke nets can be attributed to the fall sampling, as previous studies indicate fall sampling with fyke nets is not productive for grayling. Dick Lake does have a maximum depth of 32', but the majority of the lake is barely 2' deep. Recommendations for stocking would depend on how much use the lake receives. The access site needs to be signed, plus I believe adding a sign stating, "Stocked by ADF&G" would increase fishing use.

Table 2. Dick Lk. Catch Summary: sampled 9/11/96 with 3 fyke nets for 65 hrs. & 1 gillnet for 22 hrs.

	GR 0+	GR GN	BB
N =	10	10	1
MEAN (mm)=	106	272	420
SDV =	4.83	15.31	
SE =	1.53	4.84	5.21
RANGE=	95-110	258-312	420
CPUE =	0.15	0.47	0.05

GR = Arctic grayling; BB = burbot

Conducted by Craig Sacr ADF&G Palmer

Table 2. Summary of sampling results for Glennallen lakes monitoring, 1996.

Lake	Date Sampled	Total # FN	Hrs Fished	Number Captured			CPUE			Mean Length (mm)			Range (mm)		
				Rainbow Trout	Coho Salmon	Arctic Grayling	Rainbow Trout	Coho Salmon	Arctic Grayling	Rainbow Trout	Coho Salmon	Arctic Grayling	Rainbow Trout	Coho Salmon	Arctic Grayling
Crater	8/28	4	96	68	na[a]	na[a]	0.71	na[a]	na[a]	92	na[a]	na[a]	65-106	na[a]	na[a]
Dick	9/11	3	65	na[a]	na[a]	10	na[a]	na[a]	0.15	na[a]	na[a]	106	na[a]	na[a]	95-110
				also 1 Burbot: CPUE: 0.05; Mean: 420 mm											
	9/11	1(GN)	20	na[a]	na[a]	10	na[a]	na[a]	0.47	na[a]	na[a]	272	na[a]	na[a]	258-312
Gergie	9/3	5	115	54	na[a]	na[a]	0.47	na[a]	na[a]	176	na[a]	na[a]	82-353	na[a]	na[a]
	9/3	1(GN)	1	14	na[a]	na[a]	14.0	na[a]	na[a]	333	na[a]	na[a]	315-352	na[a]	na[a]
Meiers	9/11	8	156	na[a]	na[a]	53	na[a]	na[a]	0.34	na[a]	na[a]	144	na[a]	na[a]	85-265
				also 30 Burbot: CPUE: 0.19; Mean: 263 mm; Range: 100-400 mm											
	9/11	1(GN)	20	na[a]	na[a]	44	na[a]	na[a]	2.26	na[a]	na[a]	263	na[a]	na[a]	120-338
Old Road	8/27	4	96	47	na[a]	na[a]	0.49	na[a]	na[a]	175	na[a]	na[a]	68-294	na[a]	na[a]
Round	8/27	4	96	7	na[a]	na[a]	0.07	na[a]	na[a]	164	na[a]	na[a]	72-218	na[a]	na[a]
	8/27	1(GN)	24	6	na[a]	na[a]	0.25	na[a]	na[a]	219	na[a]	na[a]	193-262	na[a]	na[a]
Strelna	9/17	2(GN)	36	8	274	na[a]	0.06	7.61	276	276	257	na[a]	138-518	100-368	na[a]

[a] = not applicable

OCT-24-96 THU 10:46 ADF & G/PALMER FAX NO. 7466305 P. 02