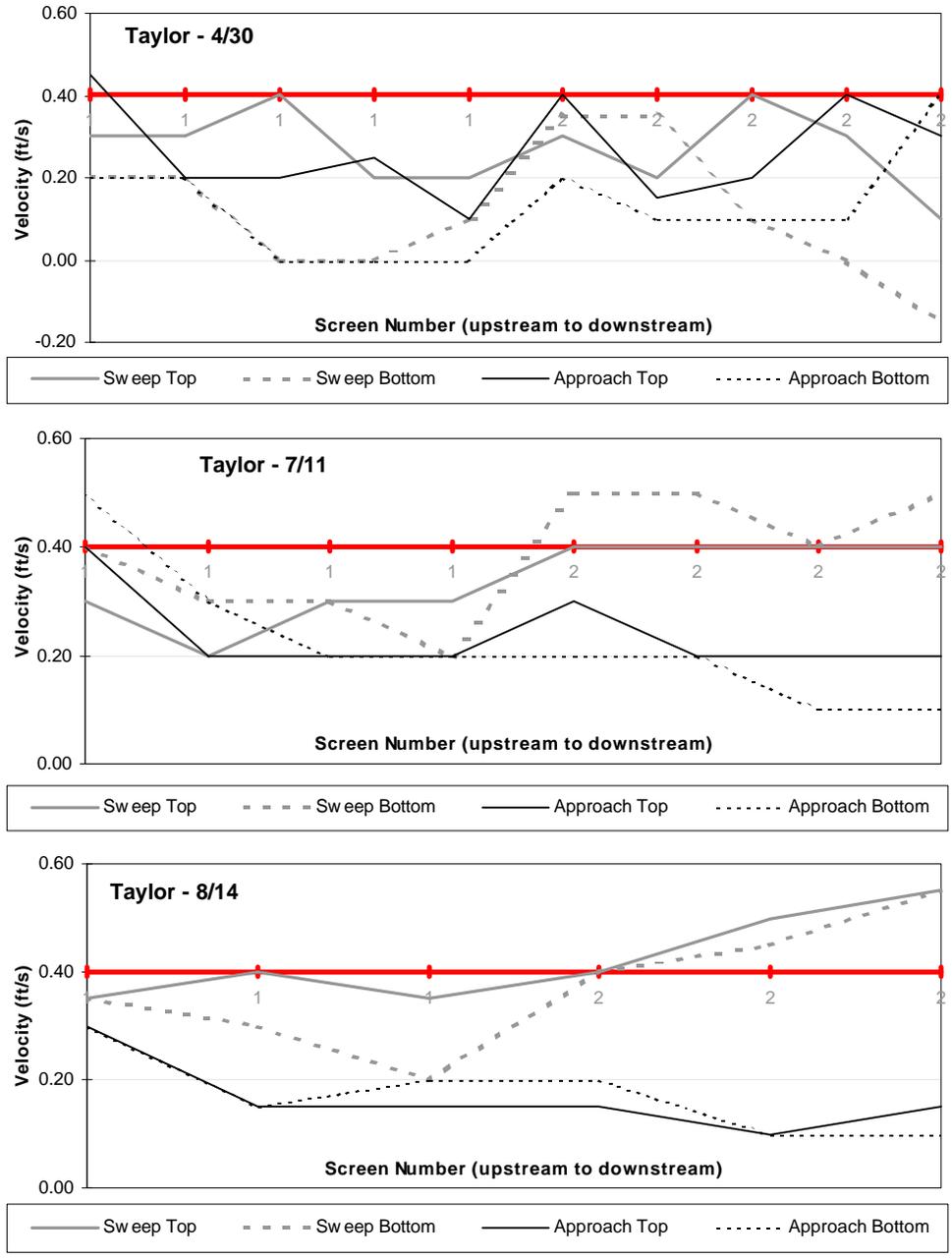
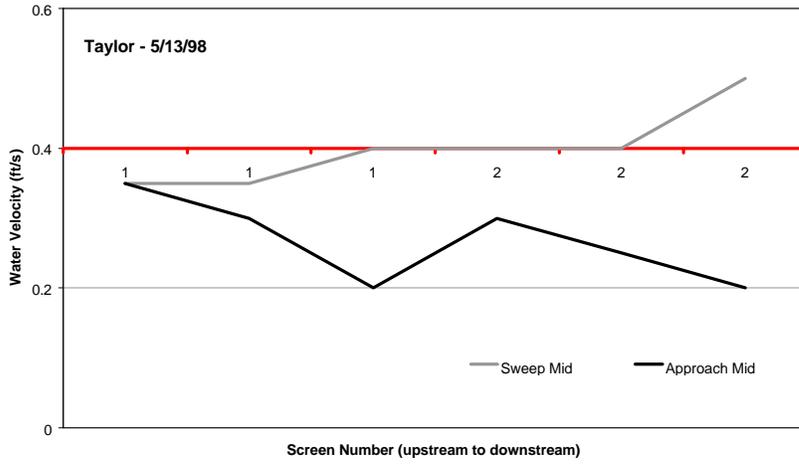


Water Velocities: Taylor

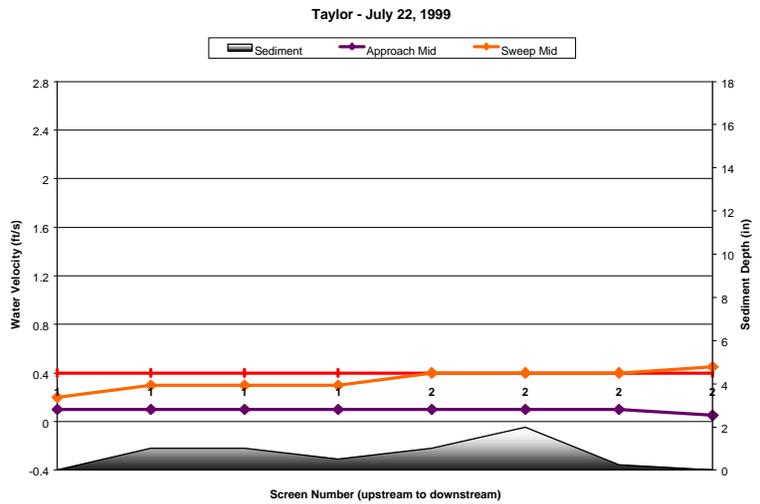
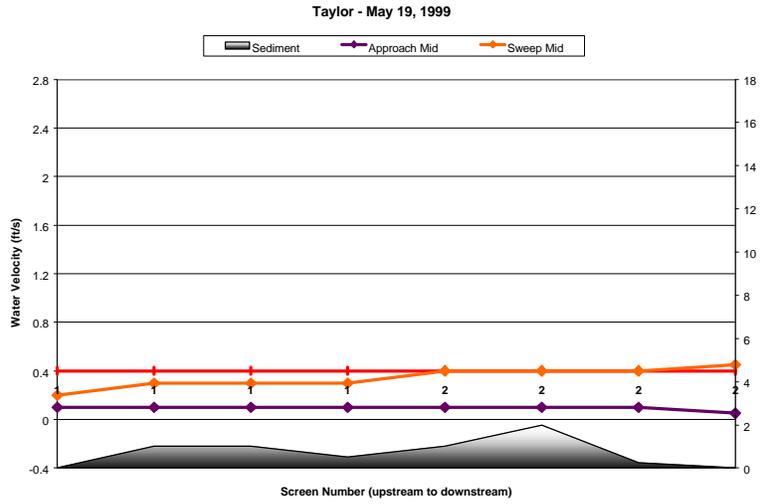
1997



1998



1999



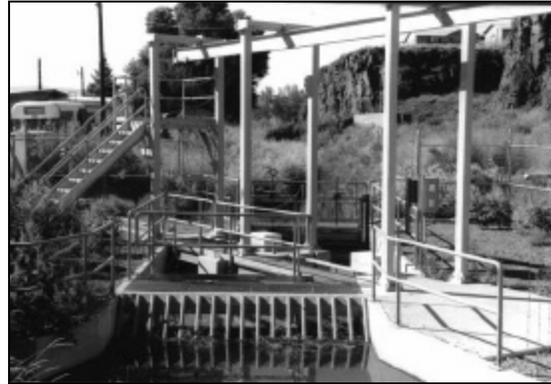
General Observations: Taylor

Date	Taylor 4/30/97	Taylor 7/11/97	Taylor 8/13/97	Taylor 5/13/98	Taylor 7/7/98	Taylor 9/21/98	Taylor 5/19/1999	Taylor 7/22/99
Staff Gages?	aftbay=2.46 canal=2.36 canal_gates=3.2 & 3.2	aftbay=2.39	aftbay=2.65	aftbay = 2.60 canal headgates=1.0 canal = 2.58	no info	aftbay=1.26 canal=1.26	aftbay=2.38 canal=2.36	aftbay=2.25 canal=2.22
Submergence Marks?	yes	no	no	no	yes	no	yes; lines every 10% to 70.	yes; easy to read until algae covers
Stoplogs?	no	no	no	yes	no	yes, all above water	yes	yes
Louvers?	NA	NA	NA	NA	NA	NA	NA	NA
Head Loss?	no	1/2"	no	no data	NA	no	No. 1/2"	No. 1/2"
Screen Material Condition	screen #1 has a 1/4" deep x 2.5" diameter dimple; Screen #2 has a 1/4-1/2" deep divot about 1.5" in diameter	Screen #1 has dents in the upstream end	Screen #1 is dented	no info	no info	screen material OK. There's some extra perf plate labeled "for Taylor 98" in fenced area.	Pretty clean.	Lots of clean and algae vertical bands.
Seal Condition	good	good	good	no info	no info	good	good	good
Drums Turning Evenly?	no. Screen #1 sometimes jerks	yes	yes	yes	no info	No. Screen 1 was turned off because of low water. Screen 2 is jerking badly.	No. Scr.2 jerks for part of rotation.	yes
Debris Anywhere?	sticks & small branches on trashrack, some twigs & grass in forebay,	small logs, submergent vegetation	yes, there are lots of silt and sticks in front of Screen #1 that cover the bottom seal; also in front of Screen #2 but there you could see the seal	No, but it looks like a lot of tumbleweeds had been taken out earlier.	Weed growth in front of gates.	Yes, lots of silt/sand. Entrance to canal is practically blocked. The forebay has lots of silt/sand too. Lots of plants in aftbay.	Some tumbleweed plants at trashrack.	Some plant growth in forebay.
Cleaning System Working?	good except for silt buildup	no info	Yes.	no data	no info	No.	Yes.	Yes.
Submergence (% of 48")	83.3	80.0	90.0	95 when we arrived...down to ~90 when we left.	no info	45	82%	
Flow over Weir? How much?	yes but in the wrong direction and only 1"	yes, 6"	A board weir was placed at the bypass entrance. 14" of water flowed over that weir.	No, bypass was completely blocked.	no info	No weir in place. The ramp was removed.	Yes. 7"	Yes. 3"
Gage to Measure Weir Crest?	no	no	no	no data	no info	no	no	no
Weir Full Open? If not, how many inches to go?	no	yes	yes...but it's preempted by the board weir at the bypass entrance	No, totally closed when we arrived. We did open the bypass when we were there to lower the forebay level a bit.	no info	No weir in place.	No. 1"	No. 3"

General Observations, continued

Date	Taylor 4/30/97	Taylor 7/11/97	Taylor 8/13/97	Taylor 5/13/98	Taylor 7/7/98	Taylor 9/21/98	Taylor 5/19/1999	Taylor 7/22/99
Water Running Freely behind Weir?	no, water is so backed up that water is flowing from the river into the bypass	yes	yes	Not running at all.	no info	Water is not moving	yes	yes
Depth of water in outfall pipe	pipe is submerged	pipe is submerged	pipe is submerged	Couldn't find the pipe.	no info	no info. Still don't know where the pipe is.	pipe is submerged	pipe is submerged
Outfall Running Smooth?	pipe is submerged	no, from the surface (but pipe is 18" under water	yes	Could not find outfall pipe.	no info	no info	Yes. Hard to see flow.	yes
Debris at End of Pipe?	no info	yes	no	Not found	no info	no info	no	No. But path very overgrown.
Discharge Area = 1 ft?	no info	no info	Yes.	Not found	no info	no info	yes	yes
Silt	Up to 16" of sediment in front of the screens; couldn't take bottom flow measurements b/c the probe would have been buried	Screen #1 has 8" of silt at the upstream and middle sections; Screen #2 has just 1 1/2" of silt.	10" of silt in front of the screen	4" on sill in front of Screen 1; clean in front of Screen 2	"lots" of silt and weed growth.	0.5" to 1" in front of screen 1; not as much in front of screen 2.	1/4"-1" in both screens.	Up to 1/4" at screens.
Comments		water isn't moving much in the forebay, it's pretty stagnant.	Caught 33 fish (FL in mm): Sucker (94,108,118,87); Shiner (100,90,95,85,95,97,98,75,92,96); Chiselmouth (120,109,90,86,105,124,94,97,108,113); Pumpkinseed (93,74,70,102); Mtn.Whitefish (89,97,71); N.Pikeminnow (129,104)	We opened the bypass and lowered the forebay (to 90% submergence). Water was very high and the site had not been attended opened enough to keep it running properly through changing conditions. Last time a WDFW person was at the site: 5/6.	Gates closed and water not running to the canal or bypss. The water is very dirty.	Headgates partially closed. Could hear a trickle of water going the other route (back to the river) but can't hear or see any water entering the screen forebay. Some small fish (not salmonids) visible in forebay. Log book says it overtopped earlier.	Scr.2 has a gap in upstream corner. Several silverly fish 3-6" in forebay.	2-3" school of fish in affbay.

1997 Photos: Taylor



1998 Photos: Taylor





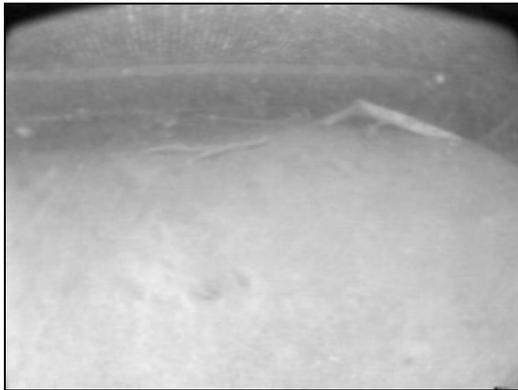


1999 Underwater Video: Taylor

Screen Site	Date (Tape #)	Location (screen # & VCR counter)	VCR Counter	Notes	Photos	Descriptor
Taylor	5/19/99 (2)	1 0:00:04	0:00:28	sand pile and debris sand up to seal all the way across, large branch	0:00:35	S1
			0:00:42			
		2 0:01:42	0:01:59	gap in corner	0:02:12	G1
			0:02:33	sand up to seal all the way across, branch branches and sand piling up	0:03:14	S2
		Bypass 0:03:42 Forebay 0:05:30	0:04:58	some sand on bottom		
			0:05:30	fish	0:06:41	F1

Taylor	7/22/99	Battery Failure so Notes Only				
		1	0:00	sand along bottom		
		2	3:58			
		Bypass	8:00			

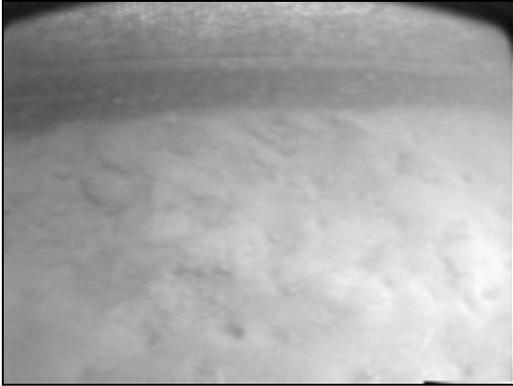
1999 Photos: Taylor



S1



G1



S2



F1

