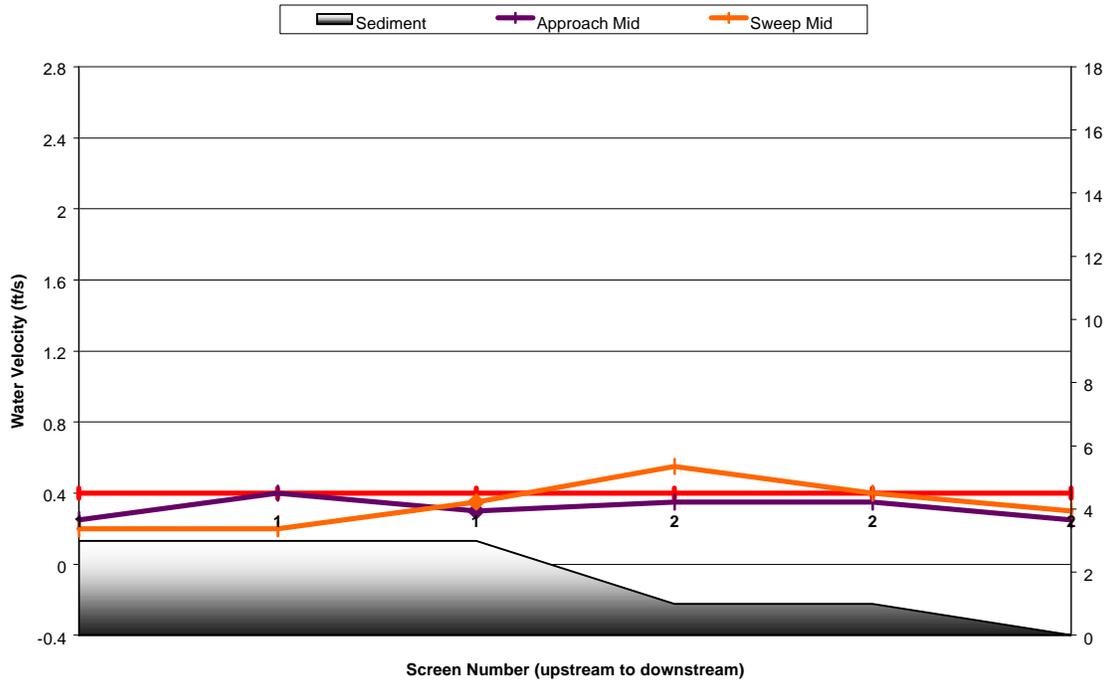
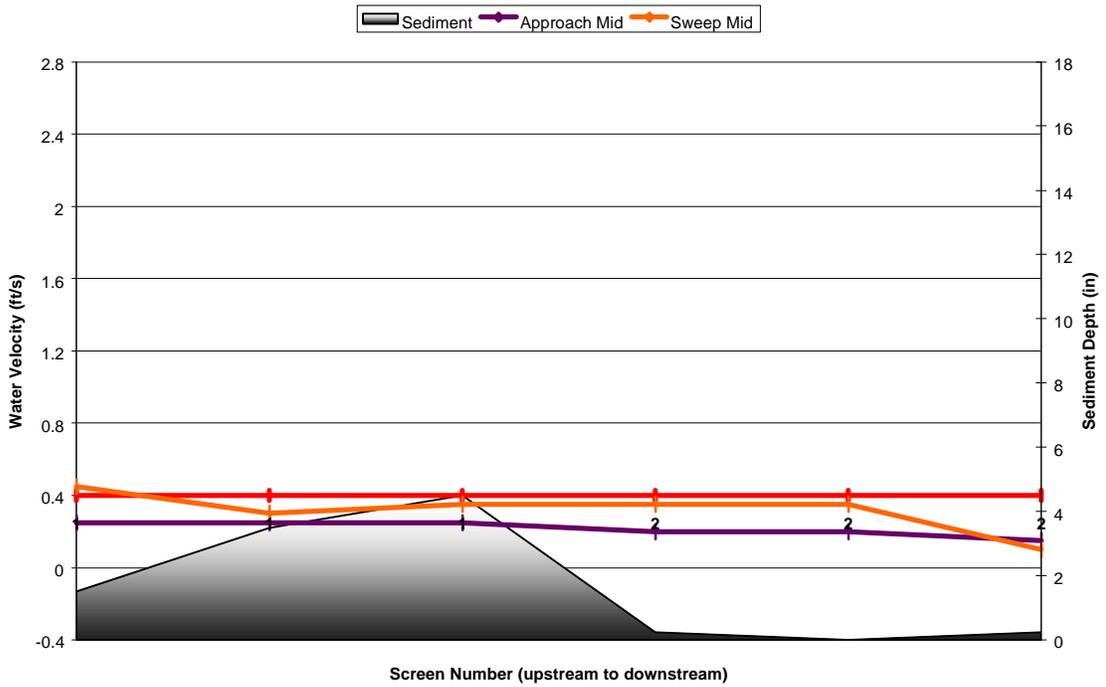


Lower WIP - May 12, 1999



Lower WIP - August 4, 1999



General Observations: Lower WIP

Date	Lower WIP 4/20/97	Lower WIP 6/24/97	Lower WIP 8/12/97	Lower WIP 7/6/98	Lower WIP 5/12/1999	Lower WIP 8/4/99
Staff Gages?	pre-forebay=.1 forebay=1.7	pre-forebay=.8 forebay=2.4 canal=2.2		no info	forebay=.20 aftbay=1.70	forebay=.8 aftbay=2.29
Submergence Marks?	no	no		no	no	no
Stoplogs?	yes	no		yes	yes	yes
Louvers?	NA	NA		NA	NA	NA
Head Loss?	no	yes, 2"		Yes; no info on how much	No. 1/2"	no
Screen Material Condition	good & shiny	good		good	good, clean	Good & shiny, some algae on bands.
Seal Condition	good	hard to see b/c of silt		good; at least those above the silt	good	good
Drums Turning Evenly?	yes	yes		yes	yes	yes
Debris Anywhere?	yes, some between screen & stoplogs and a little in the bypass	silt everywhere		yes, lots of silt and debris in the forebay.	Silt moving in.	Some sediment and debris in forebay, some grass debris in trashrack.
Cleaning System Working?	no info	except for silt		no	Yes.	Yes.
Submergence (% of 48")	62.5	95.8		Water is only 2-5" high; the rest (?inches) is silt.	67%	96%
Flow over Weir? How much?	yes, but only 1"	yes, 7"		No	Yes. 5. 75"	Yes. 2.25"
Gage to Measure Weir Crest?	no	no		yes	no	no
Weir Full Open? If not, how many inches to go?	yes	yes		No, closed.	yes	No. 9.5"
Water Running Freely behind Weir?	hardly any flow at all	yes		No, it's backed up.	yes	yes
Depth of water in outfall pipe	pipe is submerged	pipe is submerged		Bypass is closed.	pipe is submerged	pipe is submerged
Outfall Running Smooth?	pipe was submerged	yes		No, bypass is closed.	yes	yes
Debris at End of Pipe?	no	no		no info	no	Rock pile to high and accumulation of small fish at end of pipe.
Discharge Area ≈ 1 ft?	yes	no info		no info	yes	Yes, but only a small length before it shallows out.
Silt	2" of silt in bypass; no mention of other areas	yes; Screen #1=11"; Screen #2=3"; bypass=15.5" of silt		Lots covering bottom seal. Lots of sediment and debris on the bottom.	3" in scr.1, 1" in scr.2, bypass clear.	Up to 4.5" at screen 1 and only .25 at 2.

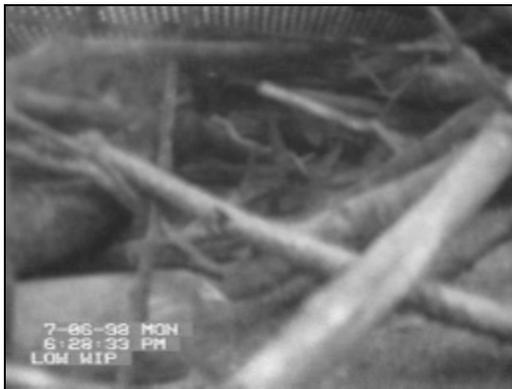
General Observations, continued

Date	Lower WIP 4/20/97	Lower WIP 6/24/97	Lower WIP 8/12/97	Lower WIP 7/6/98	Lower WIP 5/12/1999	Lower WIP 8/4/99
<b>Comments</b>	no video		Screens were raised out of the water on 8/4/97. There were hundreds of dace in the creek and just as many suckers and minnows in the canal behind the screens and in the forebay. Water levels in the creek were 'way down.	Needs to be dredged. No water flowing to bypass, very little to canal. Will dry up soon since Upper WIP is taking all the water.	Sand sometimes coverings seals.	4" dace in forebay, 20-30 dace 1-3" in aftbay, dace and minnows in canal. Board in bypass.

1997 Photos: Lower WIP



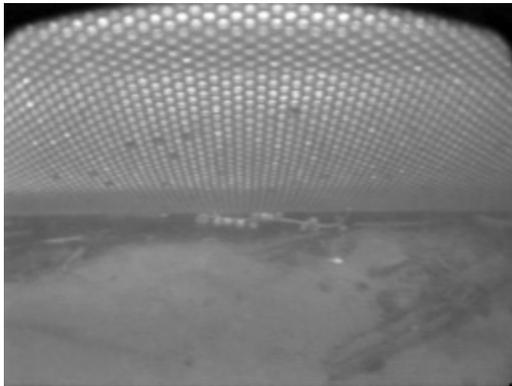
1998 Photos: Lower WIP



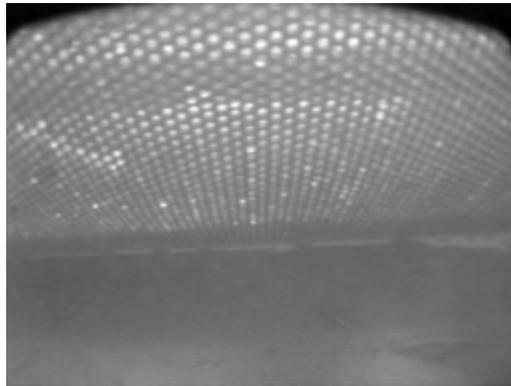
1999 Underwater Video: Lower WIP

Screen Site	Date (Tape #)	Location (screen # & VCR counter)	VCR Counter	Notes	Photos	Descriptor
Lower WIP	5/12/99 (1)	1 0:29:49	0:30:11	sand covering seal, some sticks debris pile on top of sand in corner	0:30:35	AVG
		2 0:31:15	0:30:45			
			0:31:32	sand and debris sand up to seal	0:31:52	S1
			0:32:04	pop can	0:32:04	T1
Lower WIP	8/4/99 (4)	1 0:19:50	0:20:05	debris in corner debris and sediment up over seal woody debris in corner		
			0:20:26			
			0:21:14			
		2 0:21:46	0:22:16	debris and sand piles, not covering screen		
			0.015671296	fish in aftbay		

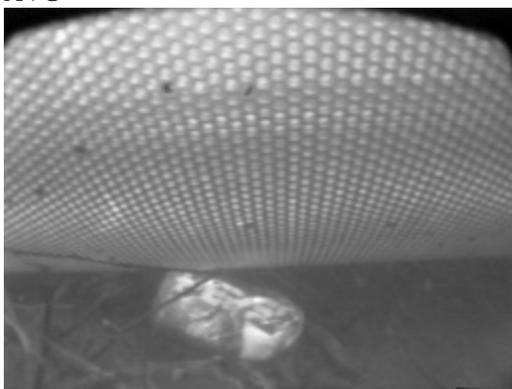
1999 Photos: Lower WIP



AVG



S1



T1

