

Table 6 Morphological and biochemical characteristics of isolates of experimental pond water

Weeks	Isolate code	Cell shape	Gram reaction	Catalase reaction	TSI reaction	Urease test	Motility test	H ₂ S test	Citrate reaction	Methyl red	Hemolysis	Glucose	Mannitol	Oxidase reaction	Possible organisms
4	Dctr	SR	-	+	-	-	+	-	+	-	B	-	+	+	presumptive <i>Plesiomonas shigelloides</i>
	Dctr	SR	-	+	-	-	+	-	+	-	B	+	+	+	presumptive <i>Plesiomonas shigelloides</i>
	DTii	SR	-	-	-	-	-	-	-	-	B	+	+	+	presumptive <i>Plesiomonas shigelloides</i>
	DTii	SR	-	+	-	-	+	-	+	-	B	-	+	+	presumptive <i>Plesiomonas shigelloides</i>
	DTiii	SR	-	+	-	-	+	-	+	-	B	-	+	+	presumptive <i>Plesiomonas shigelloides</i>
	Dtiv	SR	-	+	-	-	+	-	+	-	B	-	+	+	presumptive <i>Plesiomonas shigelloides</i>
	DTv	SR	-	+	-	-	+	-	+	-	B	+	+	+	presumptive <i>Plesiomonas shigelloides</i>
	Dtvi	SR	-	+	-	-	+	-	+	-	B	+	+	+	presumptive <i>Plesiomonas shigelloides</i>
8	Dtvi	SR	-	-	-	-	-	-	-	-	B	+	+	+	presumptive <i>Plesiomonas shigelloides</i>
	Ectr	SR	-	+	-	-	+	-	+	-	B	+	+	+	presumptive <i>Plesiomonas shigelloides</i>
	Etii	SR	-	+	-	-	+	-	+	-	B	+	+	+	presumptive <i>Plesiomonas shigelloides</i>
	Etiii	SR	-	+	-	-	+	-	+	-	B	+	+	+	presumptive <i>Plesiomonas shigelloides</i>
	Etiv	SR	-	+	-	-	+	-	+	-	B	+	+	+	presumptive <i>Plesiomonas shigelloides</i>
	Etv	SR	-	+	-	-	+	-	+	-	B	-	+	+	presumptive <i>Plesiomonas shigelloides</i>
	ETvi	SR	-	+	-	-	-	-	+	-	B	+	+	+	presumptive <i>Plesiomonas shigelloides</i>

D-, water sample at week 4; E, water sample at week 8; Ctr, experimental pond 1; Tii, experimental pond 2; Tiii, experimental pond 3; Tiv, experimental pond 4; Tv, experimental pond 5; Tvi, experimental pond 6; SR, Short rod; +, Positive; β, Beta; -, Negative