EBS Effluent Discharge, River DO, and ASB Health Data Summary

DRAFT as of 09/12/2011 @ 16:00

Effluent Samples - ASB7 (Outfall-001)

Date	Sample Time	pH (SU)	Mill insitu pH (SU)	Conductivity (uS/cm)	Mill Conductivity (uS/cm)	DO (mg/l)	TSS (mg/l)	COD (mg/l)	BOD_1 (mg/l)	BOD_5 (mg/l)	DOUR (mg/l/hr)	Maturity Index
9/12/2011	0:04	7.68	7.48	1,868	1,858	0.89	180	572	Pending	Pending	Once Daily	
	3:58	7.62	7.51	1,835	1,866	0.57	160	743				
	8:22	7.70	7.51	1,891	1,881	2.42	120	587			4.1	1.2
	12:09	7.69	7.73	2,062	1,945	2.01	Pending	Pending			Once Daily	
	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending				
	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending				

River
Dissolved Oxygen, mg/l

Date	Run	Upstream	Outfall	Richardson	Walnut Bluff	Pool's Bluff	Max Model Sag	River Split	Waikiah	Wilson Slough	I-59 Crossing
9/12/2011	First Run	5.91*	No Access	3.48*	No Access	5.15*	5.66	5.60	5.67	5.62	5.97
	Second Run	6.26*	No Access	3.08*	Pending	Pending	Pending	Pending	Pending	Pending	Pending

* Readings taken from banks due to river conditions

River
Conductivity, uS/cm

Date	Run	Upstream	Outfall	Richardson	Walnut Bluff	Pool's Bluff	Max Model Sag	River Split	Waikiah	Wilson Slough	I-59 Crossing
9/12/2011	First Run	50*	No Access	50*	No Access	51*	53	54	53	42	46
	Second Run	54*	No Access	42*	Pending	Pending	Pending	Pending	Pending	Pending	Pending

* Readings taken from banks due to river conditions

River
pH, SU

Date	Run	Upstream	Outfall	Richardson	Walnut Bluff	Pool's Bluff	Max Model Sag	River Split	Waikiah	Wilson Slough	I-59 Crossing
9/12/2011	First Run	6.27*	No Access	6.23*	No Access	6.46*	6.31	6.30	6.44	6.44	6.32
	Second Run	6.66*	No Access	6.25*	Pending	Pending	Pending	Pending	Pending	Pending	Pending

* Readings taken from banks due to river conditions

Mid ASB

Date	Sample Time	pH (SU)	Conductivity (uS/cm)	DO mg/l	COD (mg/l)	NH_3 - N (mg/l)	o-PO_4 (mg/l)	DOUR (mg/l/hr)	Maturity Index
9/12/2011	0:13	7.73	2,034	2.24	1,053	Once Daily			
	4:06	7.71	2,019	1.88	1,236				
	8:54	7.85	2,152	2.17	1,114	0.02	0.5	3.8	1.2
	12:18	7.80	2,279	1.98	Pending	Once Daily			
	Pending	Pending	Pending	Pending	Pending				
	Pending	Pending	Pending	Pending	Pending				