Effluent Treatment and River Monitoring Data

DRAFT as of 09/16/2011 @ 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
9/16/2011	0:36	7.62	7.76	1,836	1,836	3.35	145	492	Pending	Pending	Once Daily	
	4:11	7.62	7.79	1,806	1,839	2.27	110	Pending				
	8:41	7.73	7.61	1,748	1,835	4.28	120	476			1.6	1.2
	12:22	7.69	7.67	2,031	1,848	3.36	172	544			Once Daily	

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
9/16/2011	First Run	5.60	5.56	5.41	5.35	5.30	5.46	5.62	5.55	5.52	5.52
	Second Run										

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
9/16/2011	First Run	56	55	57	59	58	61	62	61	62	61
	Second Run										

River
pH, SU

Date	Run	Upstream	Outfall	Richardson	Walnut Bluff	Pool's Bluff	Max Model Sag	River Split	Waikiah	Wilson Slough	I-59 Crossing
9/16/2011	First Run	6.52	6.62	6.61	6.66	6.61	6.54	6.55	6.46	6.53	6.64
	Second Run										

Mid ASB - ASB4

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
9/16/2011	0:55	7.84	1,892	1.16	1,167	Once Daily			
	4:27	7.87	1,888	1.30	Pending				
	9:22	7.74	1,963	1.36	1,043	5.69	0.18	8.4	1.3
	11:49	7.76	2,056	1.13	1,025	Once Daily			