

**Daily Report DRAFT as of 16:30
9/1/2011**

Effluent Samples - West Weir

Date	Sample	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
9/1/11	3:51	8.6	8.59	3,196	3,211	1.2		869	Pending	Pending		
	8:00	8.3	8.59	3,206	3,283	1.1	75	898				
	12:00	8.5	8.63	3,243	3,192	1.6	75	Pending			0.9	1.5
	Evening	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending

Dissolved Oxygen, mg/l

Date	Run	Upstream	Outfall	Richardson	Walnut Bluff	Pool's	Max Model Sag	River Split	Waikiah	Wilson Slew	I-59 Crossing
9/1/11	First Run	7.95	8.22	8.09	7.61	7.53	6.18	6.16	4.91	6.05	5.98
	Second Run	8.56	8.39	7.79	8.3	8.07	Pending	Pending	5.47	Pending	5.85
	Third Run	8.99	9.05	8.75	8.66	8.56	6.8	6.78	5.51	6.57	5.86
	Fourth Run	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending

Conductivity, uS/cm

Date	Run	Upstream	Outfall	Richardson	Walnut Bluff	Pool's	Max Model Sag	River Split	Waikiah	Wilson Slew	I-59 Crossing
9/1/11	First Run	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
	Second Run	105	183	144	130	131	Pending	Pending	130	Pending	120
	Third Run	106	214	109	131	130	117	117	129	117	115
	Fourth Run	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending

pH, SU

Date	Run	Upstream	Outfall	Richardson	Walnut Bluff	Pool's	Max Model Sag	River Split	Waikiah	Wilson Slew	I-59 Crossing
9/1/11	First Run	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending
	Second Run	7.32	7.57	7.39	7.39	7.36	Pending	Pending	6.86	Pending	7.31
	Third Run	7.25	7.67	7.35	7.43	7.42	6.95	6.99	6.88	6.94	7.29
	Fourth Run	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending

Mid ASB

Date	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
9/1/11	4:01 AM	8.48	2.836	4.34	1,001				
	8:22	8.45	2778	5.35	898	Pending	3.04		
	12:19	8.46	2818	4.88	Pending			1.7	2.1