

Attachment E4 Bandon IDA at Laragh Table E4

Sample Date	29/10/2009	29/10/2009	29/10/2009	
Sample	Upstream (aSW-1u)	Influent	Effluent (SW1)	Downstream (aSW-1d)
Sample Code	GT1336	GT1337	GT1338	GT1339
Flow M ³ /Day	*	*	*	*
pH	7.4	6.6	7.1	7.4
Temperature °C	*	*	*	*
Conductivity uS/cm 20°C	151	608	360	149
Suspended Solids mg/L	<2.5	254	22	5
Ammonia-N mg/L	<0.1	40.4	0.2	*
BOD mg/L	<1	555	33	<1
COD mg/L	53	939	120	59
TN-N mg/L	2.63	71.12	3.43	2.8
Nitrite-N mg/L	<0.1	<0.1	<0.1	<0.1
Nitrate-N mg/L	1.64	<0.5	<0.5	1.65
TP-P mg/L	<0.05	NFR	1.82	<0.05
O-PO4-P mg/L	<0.05	9.03	1.38	<0.05
SO4 mg/L	<30	34.3	<30	<30
Phenols µg/L	*	*	<0.10	<0.10
Atrazine µg/L	*	*	<0.01	<0.01
Dichloromethane µg/L	*	*	<1	<1
Simazine µg/L	*	*	<0.01	<0.01
Toluene µg/L	*	*	<0.28	<0.28
Tributyltin µg/L	*	*	not required	not required
Xylenes µg/L	*	*	<0.73	<1
Arsenic µg/L	*	*	0.2	0.4
Chromium ug/L	<20	<20	<20	<20
Copper ug/L	<20	<20	<20	<20
Cyanide µg/L	*	*	14	<5
Fluoride µg/L	33	477	625	45
Lead ug/L	<20	<20	<20	<20
Nickel ug/L	<20	<20	<20	<20
Zinc ug/L	<20	129.2	73.7	<20
Boron ug/L	<20	<20	<20	<20
Cadmium ug/L	<20	<20	<20	<20
Mercury µg/L	*	*	<0.03	<0.03
Selenium µg/L	*	*	<2.12	2.6
Barium ug/L	<20	46.7	<20	<20

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