

Location	-	Ex DAF		COW Water		Ex Biological Plant		Consent		Lesley	
Location (See Drawing)	-	A		B		C		-		Dr. Bolton-Ritchie	
	Units	Median	95th%tile	Median	95th%tile	Median	95th%tile	Median	95th%tile	Median	95th%tile
Temperature (At Factory)		-	-	-	-	30°C to 40°C	-	30°C to 40°C	-	-	-
Temperature (At Discharge)		-	-	-	-	Ambient	-	Ambient	-	-	-
pH	-	6.8	7.3	6.4	7.1	7 to 9	-	7 to 9	-	-	-
Chemical Oxygen Demand (COD)	g O ₂ /m ³	1,610	2,255	5.73	10.9	150	300	150	300	-	-
Total Biochemical Oxygen Demand (TBOD5)	g O ₂ /m ³	975	1,520	-	-	30	50	30	50	-	-
Total Suspended Solids (TSS)	g/m ³	224	400	3	-	50	70	50	70	50	-
Total Solids	g/m ³	2,882	3,300	-	-	-	-	n/a	n/a	-	-
Ammoniacal N	gN/m ³	7	16	0.22	0.3575	2	4	2	4	2	-
Nitrate-N + Nitrite-N	gN/m ³	47	92	0.10	-	10	15	10	15	10	-
Nitrite-N	gN/m ³	24	53	0.10	-	-	-	n/a	n/a	-	-
Nitrate-N	gN/m ³	23	70	0.10	-	-	-	n/a	n/a	-	-
Total Kjeldahl Nitrogen (TKN)	gN/m ³	48	70	5.00	-	-	-	n/a	n/a	-	-
Dissolved Inorganic Nitrogen (DIN)	gN/m ³	-	-	-	-	12	15	12	15	11.7	-
Total Nitrogen	gN/m ³	95	155	6	-	15	20	15	20	15	-
Dissolved Reactive Phosphorus (DRP)	gP/m ³	7	10	0.00	-	2	4	2	4	1.4	-
Total Phosphorus	gP/m ³	14	21	0.20	-	2	4	2	4	2	-
Fecal Coliforms & Enterococci	-	-	-	-	-	100	-	<100		-	-
Arsenic	mg/m ³	-	-	-	-	50	-	<50		-	-
Cadnium	mg/m ³	-	-	-	-	2	-	<2		-	-
Chromium	mg/m ³	-	-	-	-	50	-	<50		-	-
Copper	mg/m ³	-	-	-	-	10	-	<10		-	-
Lead	mg/m ³	-	-	-	-	5	-	<5		-	-
Nickle	mg/m ³	-	-	-	-	15	-	<15		-	-
Zinc	mg/m ³	-	-	-	-	100	-	<100		-	-
Sulphate	g/m ³	959	1,304	-	-	-	-	n/a	n/a	-	-
Total Sodium	g/m ³	475	611	-	-	-	-	n/a	n/a	-	-
Total Potassium	g/m ³	23	35	-	-	-	-	n/a	n/a	-	-
Total Magnesium	g/m ³	4	5	-	-	-	-	n/a	n/a	-	-
Total Calcium	g/m ³	247	321	-	-	-	-	n/a	n/a	-	-
Electrical Conductivity	mS/m	288	328	0.71	1.99	-	-	n/a	n/a	-	-
Turbidity	NTU	-	-	1.05	2.08	-	-	n/a	n/a	-	-
Sodium Absorption Ratio	-	8	11	-	-	-	-	n/a	n/a	-	-