

Milford Haven Terminal - AP3830XQ
 Effluent Water 2020 - Discharge to Milford Haven Waterway - W1

Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average/ Maximum	Emission Limit Value
pH Ave	7.7	7.7	8.1	7.8	8.5	7.9	7.7	7.7	7.6	7.8	7.5	7.5	8	6 - 9
pH Max	8.3	8.2	9.0	7.8	8.5	8.2	8.2	8.5	7.8	7.9	7.7	7.8	9	
Ammonia Ave (ppm)	0.3	1.8	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	16
Ammonia Max (ppm)	0.7	4.4	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.3	4.4	
Phenols Ave (ppm)	1.0	1.0	1.0	1.0	1.0	0.1	0.8	1.0	0.3	0.1	0.1	0.1	0.6	5
Phenols Max (ppm)	1.0	1.0	1.0	1.0	1.0	0.1	1.0	1.0	1.1	0.1	0.6	0.3	1.1	
Sulphide Ave (ppm)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1
Sulphide Max (ppm)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Oil Ave (ppm)	2.4	3.4	3.0	1.0	1.0	1.0	2.5	4.0	1.0	1.5	1.4	1.4	2.0	10
Oil Max (ppm)	6.0	6.0	9.0	1.0	1.0	1.0	4.0	9.0	1.0	3.0	6.0	3.0	9	
Suspended Solids Ave (ppm)	4	7	6	6	6	8	4	5	1	4	3	4	5	45
Suspended Solids Max (ppm)	6	11	6	6	6	8	5	6	1	7	4	8	11	
COD Ave (ppm)	12	0	22	29	29	37	56	24	80	18	7	49	30	200
COD Max (ppm)	14	0	29	29	29	37	73	45	80	29	9	89	89	
Fluoride Ave (ppm)	2.7	3.7	2.0	5.0	5.0	2.5	1.2	1.6	0.9	0.4	0.5	0.7	2	40
Fluoride Max (ppm)	2.8	5.0	0.7	5.0	5.0	2.5	1.3	1.8	0.9	0.9	0.6	1.5	5	
Cyanide Ave	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.25
Cyanide Max	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Flow Average (m ³ /hr)	135	164	54	7	1	46	32	83	42	172	141	380	105	1042 (Weekly Average)
Flow Max (m ³ /hr)	790	872	454	566	133	619	582	593	908	1048	574	871	1048	
Temp Average (°C)	9	12	13	16	19	21	20	21	17	12	13	7	15	27
Temp Max (°C)	19	19	23	21	28	29	23	27	24	16	14	11	29	
Days	31	29	31	30	31	30	31	31	30	31	30	31	366	
Hours	744	696	744	720	744	720	744	744	720	744	720	744	8784	
Monthly Flow (m ³)	100669	114367	39990	5112	446	33048	23436	61603	30240	127819	101664	282348	920743	
Total Oil (m ³)	0.2	0.4	0.1	0.0	0.0	0.0	0.1	0.2	0.0	0.2	0.1	0.4	1.9	
	67927	64176	74251	3571	9374	38376	18302	46054	64800	205121	206136	164573	962662	