

Resort Municipality of Whistler Wastewater Treatment Plant

Operational Certificate ME-01452

Permit Report - April 2023

Date	Effluent Q (m ³ /day)	TSS (mg/L)	COD (mg/L)	CBOD ₅ (mg/L)	Soluble PO4 as P (mg/L)	PO4 as P (kg/day)	Total P (mg/L)	Un-ionized Ammonia (mg/L)
1-Apr-23	10641	15.0	38		0.78	8.30		
2-Apr-23	10626	12.8			0.94	9.99		
3-Apr-23	10263	11.8			0.98	10.06		
4-Apr-23	9805	14.0			0.98	9.61		
5-Apr-23	9713	13.6	33	5.40	0.97	9.42	1.64	0.001
6-Apr-23	10141	14.6			0.97	9.84		
7-Apr-23	11986	10.6			0.75	8.99		
8-Apr-23	12537	12.8			0.75	9.40		
9-Apr-23	14066	20.8	41		0.84	11.82		
10-Apr-23	13312	22.6			0.61	8.12		
11-Apr-23	11676	26.0			0.70	8.17		
12-Apr-23	10829	21.2		4.30	1.53	16.57	1.89	0.001
13-Apr-23	11608	28.8			0.64	7.43		
14-Apr-23	10515	16.6			1.04	10.94		
15-Apr-23	10966	22.8	42		0.85	9.32		
16-Apr-23	10500	20.0			1.05	11.03		
17-Apr-23	9292	18.2			0.94	8.73		
18-Apr-23	8867	16.0	36		0.90	7.98		
19-Apr-23	8422	16.2		8.70	0.90	7.58	1.66	0.001
20-Apr-23	6966	33.6			1.04	7.24		
21-Apr-23	10021	38.2			1.20	12.03		
22-Apr-23	10104	37.6			1.27	12.83		
23-Apr-23	10498	31.2	56		1.23	12.91		
24-Apr-23	9425	29.4			0.91	8.58		
25-Apr-23	8874	33.2			1.04	9.23		
26-Apr-23	9034	25.4		12.30	0.81	7.32	1.80	0.001
27-Apr-23	8790	23.4	35		0.57	5.01		
28-Apr-23	9071	21.0			0.37	3.36		
29-Apr-23	10498	29.2			0.65	6.82		
30-Apr-23	10464	22.5			0.53	5.55		
Minimum	6966	10.6	33	4.30	0.37	3.36	1.64	0.001
Average	10294	22.5	40	7.68	0.89	9.14	1.75	0.001
Maximum	14066	38.2	56	12.30	1.53	16.57	1.89	0.001
Total	288243					255.89		

total metals results available

Date: 30-Apr-23

Submitted by: _____

Neil Kearns, Lab Technician
 Resort Municipality of Whistler
 4325 Blackcomb Way
 Whistler BC, V8E 0A4
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Resort Municipality of Whistler Wastewater Treatment Plant

Operational Certificate ME-01452

Permit Report - May 2023

Date	Effluent Q (m ³ /day)	TSS (mg/L)	COD (mg/L)	CBOD ₅ (mg/L)	Soluble PO4 as P (mg/L)	PO4 as P (kg/day)	Total P (mg/L)	Un-ionized Ammonia (mg/L)
1-May-23	9553	22.6			0.17	1.62		
2-May-23	9233	19.2	37		0.22	2.03		
3-May-23	9104	17.6		13.20	0.11	1.00	0.88	0.001
4-May-23	8993	23.8			0.06	0.54		
5-May-23	8632	28.4			0.20	1.73		
6-May-23	9752	24.0			0.06	0.59		
7-May-23	9307	22.2	37		0.04	0.37		
8-May-23	8405	18.6			0.03	0.25		
9-May-23	8830	17.0			0.10	0.88		
10-May-23	8180	19.4	35	13.60	0.07	0.57	0.86	0.001
11-May-23	8149	24.6			0.03	0.24		
12-May-23	8510	24.6			0.11	0.94		
13-May-23	9100	25.6			0.05	0.46		
14-May-23	8696	21.0	36		0.09	0.78		
15-May-23	8350	20.6			0.05	0.42		
16-May-23	8313	16.6			0.08	0.67		
17-May-23	8493	15.6	37	6.60	0.09	0.76	0.72	0.001
18-May-23	8587	18.8			0.03	0.26		
19-May-23	9264	25.0			0.03	0.28		
20-May-23	9943	22.0			0.06	0.60		
21-May-23	10399	20.8	45		0.06	0.62		
22-May-23	9223	24.2			0.11	1.01		
23-May-23	7928	16.8			0.05	0.40		
24-May-23	7865	16.0	36	18.50	0.06	0.47	0.57	0.001
25-May-23	8078	17.4			0.04	0.32		
26-May-23	8407	14.8			0.16	1.35		
27-May-23	8835	21.2			0.05	0.44		
28-May-23	8851	18.2	36		0.09	0.80		
29-May-23	8203	24.2			0.05	0.41		
30-May-23	8025	18.0			0.05	0.40		
31-May-23	7884	14.8	27	18.70	0.10	0.79	0.21	0.001
Minimum	7,865	14.8	35	6.60	0.03	0.2	0.57	0.001
Average	8,821	20.6	37	12.98	0.08	0.7	0.76	0.001
Maximum	10,399	28.4	45	18.50	0.22	2.0	0.88	0.001
Total	246,980					20.4		

total metals results available

Date: 31-May-23

Submitted by: Neil Kearns, Lab Technician
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 (604) 935-8380

Resort Municipality of Whistler Wastewater Treatment Plant

Operational Certificate ME-01452

Permit Report - June 2023

Date	Effluent Q (m ³ /day)	TSS (mg/L)	COD (mg/L)	CBOD ₅ (mg/L)	Soluble PO4 as P (mg/L)	PO4 as P (kg/day)	Total P (mg/L)	Un-ionized Ammonia (mg/L)
1-Jun-23	7877	11.4			0.14	1.10		
2-Jun-23	8043	14.4			0.13	1.05		
3-Jun-23	8657	20.6			0.05	0.43		
4-Jun-23	8140	14.6	32		0.05	0.41		
5-Jun-23	7781	13.0			0.14	1.09		
6-Jun-23	7487	14.6			0.10	0.75		
7-Jun-23	7688	13.8	36	8.00	0.12	0.92	0.23	0.001
8-Jun-23	7696	14.6			0.14	1.08		
9-Jun-23	7969	14.4			0.07	0.56		
10-Jun-23	8691	14.8			0.10	0.87		
11-Jun-23	8169	12.4	36		0.11	0.90		
12-Jun-23	7880	13.6			0.09	0.71		
13-Jun-23	7941	12.0			0.17	1.35		
14-Jun-23	7887	12.2	38	7.80	0.11	0.87	0.70	0.001
15-Jun-23	7948	13.8			0.09	0.72		
16-Jun-23	8260	15.6			0.13	1.07		
17-Jun-23	8727	19.4			0.18	1.57		
18-Jun-23	8637	22.4	41		1.18	10.19		
19-Jun-23	8228	15.2			1.80	14.81		
20-Jun-23	7938	14.2			1.17	9.29		
21-Jun-23	8091	13.2	35	14.30	0.32	2.59	0.85	0.001
22-Jun-23	8152	15.0			0.11	0.90		
23-Jun-23	8595	13.4			0.06	0.52		
24-Jun-23	8615	17.0			0.12	1.03		
25-Jun-23	8971	13.6	37		0.02	0.18		
26-Jun-23	8182	15.2			0.04	0.33		
27-Jun-23	8123	14.2			0.05	0.41		
28-Jun-23	8229	12.2	39	10.40	0.09	0.74	0.60	0.001
29-Jun-23	8522	11.2			0.06	0.51		
30-Jun-23	8792	8.2			0.07	0.62		
Minimum	7,487	8.2	32	7.80	0.02	0.18	0.23	0.001
Average	8,198	14.3	37	10.13	0.25	2.04	0.60	0.001
Maximum	8,971	22.4	41	14.30	1.80	14.81	0.85	0.001
Total	245,916					54.99		

total metals results available

Date: 30-Jun-23

Submitted by: Neil Kearns, Lab Technician
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