

Resort Municipality of Whistler Wastewater Treatment Plant

Operational Certificate ME-01452

Permit Report - July 2021

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-Jul-21	8997	3.8			0.12	1.08		
2-Jul-21	12913	4.6			0.05	0.65		
3-Jul-21	10390	7.4	28		0.10	1.04		
4-Jul-21	9489	6.8			0.08	0.76		
5-Jul-21	8654	6.6			0.05	0.43		
6-Jul-21	8492	5.6	28		0.06	0.51		
7-Jul-21	8496	5.6		3.90	0.06	0.51	0.25	0.007
8-Jul-21	8246	4.2			0.05	0.41		
9-Jul-21	8734	3.2			0.06	0.52		
10-Jul-21	9263	8.2	27		0.10	0.93		
11-Jul-21	8788	7.4			0.11	0.97		
12-Jul-21	8458	6.4			0.14	1.18		
13-Jul-21	8362	5.2			0.30	2.51		
14-Jul-21	8267	11.8	29	4.40	1.11	9.18	1.36	0.006
15-Jul-21	8318	7.2			0.41	3.41		
16-Jul-21	8503	5.0			0.29	2.47		
17-Jul-21	9140	9.2	28		0.53	4.84		
18-Jul-21	8958	11.6			0.47	4.21		
19-Jul-21	8249	9.8	29		0.43	3.55		
20-Jul-21	8323	9.4			0.62	5.16		
21-Jul-21	8106	7.2		8.40	1.21	9.81	1.75	0.020
22-Jul-21	8200	9.0	38		1.50	12.30		
23-Jul-21	8434	9.2			0.77	6.49		
24-Jul-21	9524	11.6			0.80	7.62		
25-Jul-21	9561	17.0	39		2.04	19.50		
26-Jul-21	8778	16.0			1.66	14.57		
27-Jul-21	8704	23.2	38		0.12	1.04		
28-Jul-21	8413	13.6		6.00	0.09	0.76	0.46	0.030
29-Jul-21	8513	11.0			0.54	4.60		
30-Jul-21	10234	8.0			0.16	1.64		
31-Jul-21	9999	9.4	32		0.13	1.30		
Minimum	8106	3.2	27	3.90	0.05	0.41	0.25	0.006
Average	8952	8.8	32	5.68	0.46	4.00	0.96	0.016
Maximum	12913	23.2	39	8.40	2.04	19.50	1.75	0.030
Total	277,505					123.95		

total metals results available

Date: 31/7/2021

Submitted by: Neil Kearns

Resort Municipality of Whistler
 4325 Blackcomb Way
 Whistler BC, V8E 0A4
 (604) 935-8380

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Permit Report - August 2021

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-Aug-21	10727	12.4			0.21	2.25		
2-Aug-21	10600	7.0			0.26	2.76		
3-Aug-21	9468	10.0	31		0.10	0.95		
4-Aug-21	9375	10.8		3.90	0.18	1.69	1.06	0.020
5-Aug-21	9394	10.8			0.22	2.07		
6-Aug-21	9560	10.0			0.22	2.10		
7-Aug-21	9784	15.4	45		0.22	2.15		
8-Aug-21	9797	10.2			0.41	4.02		
9-Aug-21	9009	10.4			0.23	2.07		
10-Aug-21	9199	16.6	37		0.21	1.93		
11-Aug-21	9424	12.4		7.50	0.21	1.98	0.83	0.052
12-Aug-21	8257	13.6			1.27	10.49		
13-Aug-21	9851	10.8			1.46	14.38		
14-Aug-21	10250	20.2	47		0.51	5.23		
15-Aug-21	9723	12.4			0.18	1.75		
16-Aug-21	9987	14.0			0.23	2.30		
17-Aug-21	9420	12.4	34		0.22	2.07		
18-Aug-21	9249	10.8		9.00	0.23	2.13	0.67	0.035
19-Aug-21	9191	10.0			0.19	1.75		
20-Aug-21	9629	11.8	39		0.19	1.83		
21-Aug-21	10149	11.6			0.22	2.23		
22-Aug-21	9454	16.2			0.11	1.04		
23-Aug-21	8823	11.4			0.18	1.59		
24-Aug-21	8831	17.6			0.16	1.41		
25-Aug-21	8900	10.6	38	6.70	0.15	1.34	0.53	0.034
26-Aug-21	8786	9.8			0.21	1.85		
27-Aug-21	9045	11.8	36		0.21	1.90		
28-Aug-21	9451	10.2			0.19	1.80		
29-Aug-21	9258	9.0			0.17	1.57		
30-Aug-21	8522	14.8			0.14	1.19		
31-Aug-21	8416	9.6			0.22	1.85		
Minimum	8,257	7.0	31	3.90	0.10	0.95	0.53	0.020
Average	9,404	12.1	38	6.78	0.29	2.70	0.77	0.035
Maximum	10,727	20.2	47	9.00	1.46	14.38	1.06	0.052
Total	291,529					83.65		

total metals results available

Date: August-21

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Permit Report - September 2021

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-Sep-21	8358	7.6		5.80	0.14	1.17	0.49	0.034
2-Sep-21	8318	8.8			0.14	1.16		
3-Sep-21	8773	6.6			0.16	1.40		
4-Sep-21	9641	10.2	41		0.19	1.83		
5-Sep-21	9377	10.4			0.12	1.13		
6-Sep-21	8317	9.4			0.12	1.00		
7-Sep-21	7432	9.8			0.09	0.67		
8-Sep-21	7345	10.0	32	5.30	0.10	0.73	0.56	0.011
9-Sep-21	7380	5.2			0.21	1.55		
10-Sep-21	7795	6.2			0.25	1.95		
11-Sep-21	8386	7.6	41		0.08	0.67		
12-Sep-21	7910	7.2			0.08	0.63		
13-Sep-21	7295	7.4			0.07	0.51		
14-Sep-21	7340	8.0			0.08	0.59		
15-Sep-21	7085	7.4	29		0.08	0.57	0.41	0.033
16-Sep-21	7482	13.2			1.00	7.48		
17-Sep-21	11503	7.4			0.14	1.61		
18-Sep-21	10194	8.2	45		0.05	0.51		
19-Sep-21	8706	13.2			0.06	0.52		
20-Sep-21	7780	10.2			0.08	0.62		
21-Sep-21	7598	11.6			0.05	0.38		
22-Sep-21	7606	8.8	32	3.90	0.05	0.38	0.48	0.016
23-Sep-21	7564	7.8			0.25	1.89		
24-Sep-21	7918	10.0			0.06	0.48		
25-Sep-21	8484	11.6	45		0.46	3.90		
26-Sep-21	8885	11.8			0.38	3.38		
27-Sep-21	9173	9.8			0.06	0.55		
28-Sep-21	8936	9.6			0.06	0.54		
29-Sep-21	10025	9.2	33	11.30	0.11	1.10	0.39	0.022
30-Sep-21	12292	9.4			0.43	5.29		
Minimum	7,085	5.2	29.0	3.9	0.1	0.4	0.4	0.011
Average	8,497	9.1	37	6.58	0.17	1.47	0.47	0.023
Maximum	12,292	13.2	45	11.30	1.00	7.48	0.56	0.034
Total	254,897					44.19		

total metals results available

Date: October-21

Submitted by: Neil Kearns

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