

Resort Municipality of Whistler Wastewater Treatment Plant

Operational Certificate ME-01452

Permit Report - October 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-Oct-21	10677	7.60			0.03	0.320295		
2-Oct-21	10700	7.60	36		0.05	0.54		
3-Oct-21	9442	8.20			0.06	0.57		
4-Oct-21	8689	10.20			0.05	0.43		
5-Oct-21	9611	9.60			0.05	0.48		
6-Oct-21	9280	8.40	33	8.00	0.35	3.25	0.70	0.006
7-Oct-21	8845	11.20			0.04	0.35		
8-Oct-21	9226	9.40			0.12	1.11		
9-Oct-21	10417	18.20	35		0.10	1.04		
10-Oct-21	11363	14.40			0.08	0.91		
11-Oct-21	9883	14.40			0.07	0.69		
12-Oct-21	8375	14.60			0.07	0.59		
13-Oct-21	8028	12.40	34	6.30	0.09	0.72	0.56	0.004
14-Oct-21	8106	13.80			0.18	1.46		
15-Oct-21	9077	11.60			0.10	0.91		
16-Oct-21	12837	13.00	36		0.85	10.91		
17-Oct-21	16498	10.60			0.05	0.82		
18-Oct-21	13501	10.80			0.05	0.68		
19-Oct-21	10620	8.40			0.06	0.64		
20-Oct-21	9913	8.60	33	6.30	0.05	0.50	0.26	0.006
21-Oct-21	10514	3.80			0.03	0.32		
22-Oct-21	11917	7.80			0.06	0.71		
23-Oct-21	11593	6.80	26		0.06	0.70		
24-Oct-21	11040	7.20			0.07	0.77		
25-Oct-21	10996	7.60			0.05	0.55		
26-Oct-21	10787	7.00			0.05	0.54		
27-Oct-21	10385	4.00	25	5.67	0.04	0.42	0.85	0.005
28-Oct-21	11195	3.60			0.03	0.34		
29-Oct-21	10787	5.80			0.03	0.32		
30-Oct-21	10079	7.60	31		0.07	0.71		
31-Oct-21	9363	7.80			0.09	0.84		
Minimum	8028	3.60	25	5.67	0.03	0.32	0.26	0.004
Average	10443	9.42	32	6.57	0.10	1.09	0.59	0.005
Maximum	16498	18.20	36	8.00	0.85	10.91	0.85	0.006
Total	313066					32.80		

total metals results available

Date: October-21

Submitted by: Neil Kearns

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

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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-Nov-21	8897	8.2			0.20	1.78		
2-Nov-21	9185	14.6			0.69	6.34		
3-Nov-21	10406	9.8	33	4.90	0.69	7.18	1.28	0.01
4-Nov-21	13876	6.6			1.14	15.82		
5-Nov-21	13613	6.6			0.33	4.49		
6-Nov-21	12806	6.4	37		0.36	4.61		
7-Nov-21	11489	8.4			0.40	4.60		
8-Nov-21	10743	6.6			0.62	6.66		
9-Nov-21	9685	6.4			0.39	3.78		
10-Nov-21	9460	5.0	29	6.70	0.62	5.87	1.02	0.01
11-Nov-21	11309	8.2			0.59	6.67		
12-Nov-21	13546	7.8			0.31	4.20		
13-Nov-21	14843	7.2	30		0.20	2.97		
14-Nov-21	22578	6.0			0.11	2.48		
15-Nov-21	29686	27.4			0.06	1.78		
16-Nov-21	19804	13.0			0.05	0.99		
17-Nov-21	15032	9.0	29	8.10	0.38	5.71	0.66	0.02
18-Nov-21	13403	6.8			0.46	6.17		
19-Nov-21	11999	2.2			0.14	1.68		
20-Nov-21	11599	11.8	31		0.68	7.89		
21-Nov-21	10635	7.2			0.11	1.17		
22-Nov-21	9934	7.4			0.06	0.60		
23-Nov-21	9753	8.8			0.05	0.49		
24-Nov-21	9759	7.2	26	7.50	0.05	0.49	0.43	0.02
25-Nov-21	10831	7.0			0.08	0.87		
26-Nov-21	12241	5.4			0.04	0.49		
27-Nov-21	15232	7.2	23		0.04	0.61		
28-Nov-21	18879	9.4			0.05	0.94		
29-Nov-21	17672	5.4			0.05	0.88		
30-Nov-21	23352	4.6			0.08	0.08		
Minimum	8897	2.2	23	4.9	0.04	0.08	0.43	0.01
Average	13741	8.3	30	6.8	0.30	3.61	0.85	0.02
Maximum	29686	27.4	37	8.1	1.14	15.82	1.28	0.02
Total	412244					108.27		

total metals results available

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Resort Municipality of Whistler Wastewater Treatment Plant

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Permit Report - December 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-Dec-21	23818	39.2	44	24.60	0.05	1.19	1.54	0.017
2-Dec-21	21041	14.2			0.02	0.42		
3-Dec-21	18493	7.0			0.21	3.88		
4-Dec-21	16703	12.2	55		0.38	6.35		
5-Dec-21	13957	10.4			0.48	6.70		
6-Dec-21	11799	5.4			0.05	0.59		
7-Dec-21	11315	6.2			0.05	0.57		
8-Dec-21	10996	7.4	29	6.70	0.05	0.55	0.35	0.018
9-Dec-21	10853	9.8			0.06	0.65		
10-Dec-21	11286	9.4			0.04	0.45		
11-Dec-21	11731	10.2	38		0.04	0.47		
12-Dec-21	12660	9.6			0.02	0.25		
13-Dec-21	10636	11.2			0.05	0.53		
14-Dec-21	10126	13.0			0.12	1.22		
15-Dec-21	9766	10.8	32	7.30	0.07	0.68	0.39	0.012
16-Dec-21	9776	11.0			0.05	0.49		
17-Dec-21	10130	13.8			0.05	0.51		
18-Dec-21	10606	12.2	40		0.03	0.32		
19-Dec-21	11238	9.2			0.05	0.56		
20-Dec-21	11972	9.8			0.05	0.60		
21-Dec-21	11490	6.6			0.05	0.57		
22-Dec-21	11058	8.2	36	13.20	0.05	0.55	0.32	0.011
23-Dec-21	11534	7.2			0.02	0.23		
24-Dec-21	11324	6.4			0.01	0.11		
25-Dec-21	11052	11.8	37		0.05	0.55		
26-Dec-21	11046	9.2			0.05	0.55		
27-Dec-21	11544	10.6			0.01	0.12		
28-Dec-21	11941	6.4	26		0.03	0.36		
29-Dec-21	12426	7.4		7.50	0.05	0.62	0.40	0.012
30-Dec-21	12213	12.6			0.01	0.12		
31-Dec-21	12824	10.8			0.05	0.64		
Minimum	9,766	5.40	26		0.01	0.11	0.32	0.011
Average	12,495	10.62	37	11.86	0.07	1.01	0.60	0.014
Maximum	23,818	39.20	55	24.60	0.48	6.70	1.54	0.018
Total	363,536					30.22		

total metals results available

Date: 1-Dec-21

Submitted by: Neil Kearns

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