

Resort Municipality of Whistler Wastewater Treatment Plant

Operational Certificate ME-01452

Permit Report - October 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-Oct-23	7958	10.20	55		0.52	4.14		
2-Oct-23	7984	10.60			0.80	6.39		
3-Oct-23	7350	11.40			0.64	4.70		
4-Oct-23	7276	10.80	34	3.90	0.51	3.71	1.36	0.001
5-Oct-23	7048	13.80			0.47	3.31		
6-Oct-23	7490	14.40			0.42	3.15		
7-Oct-23	8065	20.60			0.60	4.84		
8-Oct-23	8348	23.40			0.88	7.35		
9-Oct-23	7650	14.00	35		1.11	8.49		
10-Oct-23	6778	13.80			0.96	6.51		
11-Oct-23	6662	17.20	37	6.40	1.03	6.86	2.05	0.001
12-Oct-23	6482	16.80			0.70	4.54		
13-Oct-23	6621	16.80			0.77	5.10		
14-Oct-23	7292	16.00			0.86	6.27		
15-Oct-23	7339	10.00	35		1.06	7.78		
16-Oct-23	7286	13.80			0.91	6.63		
17-Oct-23	7155	12.00			0.94	6.73		
18-Oct-23	11496	21.60	39	5.40	1.02	11.73	1.70	0.001
19-Oct-23	12211	17.00			0.98	11.97		
20-Oct-23	9578	15.20			1.20	11.49		
21-Oct-23	9114	16.00	61		1.23	11.21		
22-Oct-23	8320	18.20			1.21	10.07		
23-Oct-23	7508	18.40			1.35	10.14		
24-Oct-23	7120	22.80			1.36	9.68		
25-Oct-23	6763	13.40	39	8.20	1.19	8.05	1.79	0.001
26-Oct-23	6959	14.00			1.07	7.45		
27-Oct-23	7123	16.20			0.44	3.13		
28-Oct-23	7555	16.40			0.61	4.61		
29-Oct-23	7276	14.20	35		1.02	7.42		
30-Oct-23	6930	14.40			1.14	7.90		
31-Oct-23	6396	13.80			1.15	7.36		
Minimum	6396	10.00	34	3.90	0.42	3.13	1.36	0.001
Average	7714	15.39	41	5.98	0.91	7.15	1.73	0.001
Maximum	12211	23.40	61	8.20	1.36	11.97	2.05	0.001
Total	231175					214.57		

total metals results available

Date: 31-Oct-23

Submitted by: Neil Kearns

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

Resort Municipality of Whistler Wastewater Treatment Plant

Operational Certificate ME-01452

Permit Report - November 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-Nov-23	6685	13.2	37	4.80	1.22	8.16	1.71	0.001
2-Nov-23	7443	9.6			1.17	8.71		
3-Nov-23	7360	10.0			1.10	8.10		
4-Nov-23	8638	12.8			1.14	9.85		
5-Nov-23	8660	8.4	33		1.08	9.35		
6-Nov-23	7369	9.4			1.14	8.40		
7-Nov-23	8269	10.6			1.30	10.75		
8-Nov-23	4228	10.0	33	5.40	1.36	5.75	1.90	0.011
9-Nov-23	7926	11.6			1.04	8.24		
10-Nov-23	8659	9.6			1.10	9.53		
11-Nov-23	13014	14.0			1.14	14.84		
12-Nov-23	12008	10.4	20		1.11	13.33		
13-Nov-23	10796	10.0			1.14	12.31		
14-Nov-23	9120	11.4			1.11	10.12		
15-Nov-23	8365	10.8	32	6.20	1.30	10.87	1.77	0.001
16-Nov-23	8042	10.0			1.07	8.60		
17-Nov-23	8056	14.0			1.18	9.51		
18-Nov-23	8573	9.2			1.20	10.29		
19-Nov-23	8489	10.2	31		1.15	9.76		
20-Nov-23	7762	9.6			1.14	8.85		
21-Nov-23	7878	11.2			1.21	9.53		
22-Nov-23	7916	10.4	33	5.70	1.22	9.66	1.86	0.001
23-Nov-23	8298	10.8			1.30	10.79		
24-Nov-23	8789	10.2			1.40	12.30		
25-Nov-23	9463	12.8			1.33	12.59		
26-Nov-23	9011	9.0	33		1.33	11.98		
27-Nov-23	7820	9.6			1.47	11.50		
28-Nov-23	7466	8.8			1.37	10.23		
29-Nov-23	7639	8.8	33	6.70	1.41	10.77	1.76	0.001
30-Nov-23	7622	10.2			1.10	8.38		
Minimum	4228	8.4	20	4.8	1.04	5.75	1.71	0.001
Average	8379	10.6	32	5.8	1.21	10.10	1.80	0.003
Maximum	13014	14.0	37	6.7	1.47	14.84	1.90	0.011
Total	251364					303.05		

total metals results available

Date: 30-Nov-23

Submitted by: Neil Kearns

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Resort Municipality of Whistler Wastewater Treatment Plant

Operational Certificate ME-01452

Permit Report - December 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-Dec-23	8110	5.6			1.20	9.73		
2-Dec-23	9357	10.6			1.33	12.44		
3-Dec-23	8561	9.2	31		1.55	13.27		
4-Dec-23	9890	9.8			1.59	15.73		
5-Dec-23	13798	12.8			1.31	18.08		
6-Dec-23	12286	11.2	32	4.70	1.20	14.74	1.68	0.001
7-Dec-23	10070	12.2			1.20	12.08		
8-Dec-23	11104	7.4			1.17	12.99		
9-Dec-23	11033	11.6			1.21	13.35		
10-Dec-23	10833	10.4	34		1.38	14.95		
11-Dec-23	9654	9.8			1.34	12.94		
12-Dec-23	9394	10.6			1.27	11.93		
13-Dec-23	9118	8.4	32	5.20	1.41	12.86	2.00	0.001
14-Dec-23	8274	9.0			1.27	10.51		
15-Dec-23	9734	11.4			1.00	9.73		
16-Dec-23	10867	11.0			1.17	12.71		
17-Dec-23	11134	11.2	34		1.20	13.36		
18-Dec-23	11888	5.4			1.36	16.17		
19-Dec-23	12102	12.4			1.39	16.82		
20-Dec-23	12871	9.8	34	9.00	1.21	15.57	1.96	0.002
21-Dec-23	13294	7.6			1.23	16.35		
22-Dec-23	14496	7.4			1.19	17.25		
23-Dec-23	13959	5.4			1.21	16.89		
24-Dec-23	13594	11.2	35		1.22	16.58		
25-Dec-23	13725	10.0			1.17	16.06		
26-Dec-23	16836	7.4			1.18	19.87		
27-Dec-23	15876	8.8	37	6.10	1.22	19.37	1.98	0.005
28-Dec-23	16017	8.4			1.36	21.78		
29-Dec-23	16854	8.8			1.43	24.10		
30-Dec-23	16857	11.6			1.31	22.08		
31-Dec-23	17215	16.6	31		1.34	23.07		
Minimum	8,110	5.40	31		1.00	9.73	1.68	0.001
Average	12,219	9.77	33	6.25	1.28	15.59	1.91	0.002
Maximum	17,215	16.60	37	9.00	1.59	24.10	2.00	0.005
Total	370,691					473.63		

total metals results available

Date: 31-Dec-23

Submitted by: Neil Kearns

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