

Resort Municipality of Whistler Wastewater Treatment Plant

Operational Certificate ME-01452

Permit Report - January 2024

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-Jan-24	16365	24.6			1.46	23.89		
2-Jan-24	14210	12.0			1.41	20.04		
3-Jan-24	12943	9.2	36	6.70	1.46	18.90	1.89	0.001
4-Jan-24	13252	9.0			1.27	16.83		
5-Jan-24	13280	11.4			1.28	17.00		
6-Jan-24	12676	12.6			1.21	15.34		
7-Jan-24	11911	12.8	35		1.44	17.15		
8-Jan-24	10778	11.6			1.39	14.98		
9-Jan-24	10534	11.0			1.36	14.33		
10-Jan-24	10144	10.8	35	6.60	1.39	14.10	1.94	0.001
11-Jan-24	10108	7.8			1.17	11.83		
12-Jan-24	10691	12.8			1.27	13.58		
13-Jan-24	12024	17.0			1.27	15.27		
14-Jan-24	11588	12.8	36		1.36	15.76		
15-Jan-24	10690	12.8			1.30	13.90		
16-Jan-24	10091	12.6			1.40	14.13		
17-Jan-24	10070	12.0	37	7.00	1.21	12.18	1.87	0.001
18-Jan-24	9404	12.8			1.20	11.29		
19-Jan-24	10453	7.4			1.23	12.86		
20-Jan-24	11443	9.2			1.23	14.07		
21-Jan-24	11473	8.6	36		1.40	16.06		
22-Jan-24	10983	9.2			1.30	14.28		
23-Jan-24	10811	9.4			1.24	13.41		
24-Jan-24	10115	9.6	36	5.40	1.40	14.16	1.92	0.002
25-Jan-24	11295	8.8			1.23	13.89		
26-Jan-24	11682	9.8			1.23	14.37		
27-Jan-24	14337	17.0			1.23	17.63		
28-Jan-24	17378	18.5	38		1.30	22.59		
29-Jan-24	22713	17.8			1.22	27.71		
30-Jan-24	24041	15.2			0.67	16.11		
31-Jan-24	21325	14.4	31.00	6.90	0.74	15.78	1.18	0.005
Minimum	9404	7.4	31	5.40	0.67	11.29	1.18	0.001
Average	12698	11.9	36	6.52	1.26	15.50	1.76	0.002
Maximum	24041	18.5	38	7.00	1.46	27.71	1.94	0.005
Total	368233					449.48		

total metals results available

Date: 31-Jan-24

Submitted by: Neil Kearns, Lab Technician
 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 - February 2024

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-Feb-24	19942	9.2			0.84	16.75		
2-Feb-24	18189	12.4			1.14	20.74		
3-Feb-24	17291	19.4			1.17	20.23		
4-Feb-24	15599	15.4	38		1.33	20.75		
5-Feb-24	13575	11.4			1.36	18.46		
6-Feb-24	12607	17.4			1.34	16.89	2.31	
7-Feb-24	12083	15.4	39	6.00	1.43	17.28		0.001
8-Feb-24	11789	17.6			1.13	13.32		
9-Feb-24	11660	13.6			1.20	13.99		
10-Feb-24	11780	13.6			1.17	13.78		
11-Feb-24	12308	21.4	41		1.27	15.63		
12-Feb-24	11322	11.6			1.24	14.04		
13-Feb-24	11019	12.4			1.34	14.77		
14-Feb-24	10426	8.0	37	5.10	1.20	12.51	1.79	0.002
15-Feb-24	10579	12.8			1.17	12.38		
16-Feb-24	11164	10.0			1.30	14.51		
17-Feb-24	12049	11.8			1.30	15.66		
18-Feb-24	12465	11.6	38		1.37	17.08		
19-Feb-24	12023	8.4			1.30	15.63		
20-Feb-24	11517	10.4			1.30	14.97		
21-Feb-24	13795	11.0	36	5.20	1.55	21.38	1.88	0.001
22-Feb-24	11003	6.6			1.20	13.20		
23-Feb-24	11178	6.8			1.23	13.75		
24-Feb-24	11784	10.1			1.23	14.49		
25-Feb-24	11878	10.0	36		1.25	14.85		
26-Feb-24	10775	10.2			1.25	13.47		
27-Feb-24	10391	5.0			1.30	13.51		
28-Feb-24	10745	8.0	35	4.00	1.29	13.86	2.01	0.001
29-Feb-24	11380	9.0			1.27	14.45		
Minimum	10,391	5.0	35	4.00	0.84	12.4	1.79	0.001
Average	12,494	11.7	38	5.08	1.26	15.6	2.00	0.001
Maximum	19,942	21.4	41	6.00	1.55	21.4	2.31	0.002
Total	362,316					452.3		

total metals results available

Date: 29-Feb-24

Submitted by: Neil Kearns, Lab Technician
 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 - March 2024

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-Mar-24	11497	7.4			1.20	13.80		
2-Mar-24	12168	11.2			1.30	15.82		
3-Mar-24	11801	12.4	36		1.28	15.11		
4-Mar-24	10913	13.0			1.25	13.64		
5-Mar-24	11519	13.4			1.57	18.08		
6-Mar-24	11227	13.8	38	8.90	1.39	15.61	1.84	0.001
7-Mar-24	10149	22.4			1.33	13.50		
8-Mar-24	10794	15.2			1.23	13.28		
9-Mar-24	13017	12.0			1.20	15.62		
10-Mar-24	12459	16.0	37		1.58	19.69		
11-Mar-24	12072	15.2			1.43	17.26		
12-Mar-24	11968	11.4			1.33	15.92		
13-Mar-24	12006	10.8	37	10.20	1.29	15.49	2.30	0.001
14-Mar-24	11247	13.6			1.23	13.83		
15-Mar-24	12018	14.0			1.30	15.62		
16-Mar-24	13802	12.8			1.24	17.11		
17-Mar-24	13518	19.6			1.19	16.09		
18-Mar-24	13354	15.6	41		1.11	14.82		
19-Mar-24	13300	21.8			1.21	16.09		
20-Mar-24	12919	16.2	38	6.50	1.25	16.15	1.83	0.078
21-Mar-24	12237	12.8			0.87	10.65		
22-Mar-24	12799	12.2			0.87	11.14		
23-Mar-24	13168	22.2			0.88	11.59		
24-Mar-24	12902	7.8	36		1.02	13.16		
25-Mar-24	12557	11.8			1.02	12.81		
26-Mar-24	12038	12.4			0.64	7.70		
27-Mar-24	11531	10.2	35	10.70	0.68	7.84	1.25	0.001
28-Mar-24	11741	7.8			0.81	9.51		
29-Mar-24	12105	9.4			0.57	6.90		
30-Mar-24	12557	12.4			0.68	8.54		
31-Mar-24	11971	10.6	47		0.75	8.98		
Minimum	10,149	7.4	35	6.50	0.57	6.90	1.25	0.001
Average	12,210	13.5	38	9.08	1.10	13.45	1.81	0.020
Maximum	13,802	22.4	47	10.70	1.58	19.69	2.30	0.078
Total	377,354					376.61		

total metals results available

Date: 31-Mar-24

Submitted by: Neil Kearns, Lab Technician
Resort Municipality of Whistler
4325 Blackcomb Way

Whistler BC, V8E 0A4
(604) 935-8380

Fecal Coliforms
MPM/100ml
92000.000
54000.000
160000.000
350000.000
24000.000
54000.000
35000.000
54000.000
16000.000
16000.000
93222.222
350000.000

Fecal Coliforms
MPM/100ml
22000.000
16000.000
29000.000
160000.000
160000.000
54000.000
24000.000
16000.000
24000.000
16000.000
56111.111
160000.000

