

Resort Municipality of Whistler Wastewater Treatment Plant

Operational Certificate ME-01452

Permit Report - April 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-Apr-24 | 10887 | 17.00 | | | 0.65 | 7.08 | | |
| 2-Apr-24 | 10724 | 17.40 | | | 0.87 | 9.33 | | |
| 3-Apr-24 | 11300 | 14.40 | | 12.80 | 0.65 | 7.35 | 1.37 | 0.003 |
| 4-Apr-24 | 11063 | 8.40 | | | 0.74 | 8.19 | | |
| 5-Apr-24 | 10642 | 9.40 | | | 0.91 | 9.68 | | |
| 6-Apr-24 | 11174 | 7.80 | | | 1.14 | 12.74 | | |
| 7-Apr-24 | 10338 | 6.00 | 35 | | 1.53 | 15.82 | | |
| 8-Apr-24 | 10069 | 7.20 | | | 1.49 | 15.00 | | |
| 9-Apr-24 | 9985 | 8.80 | | | 1.29 | 12.88 | | |
| 10-Apr-24 | 8307 | 9.80 | 38 | 10.30 | 1.04 | 8.64 | 1.56 | 0.002 |
| 11-Apr-24 | 9900 | 11.40 | | | 0.68 | 6.73 | | |
| 12-Apr-24 | 10203 | 11.60 | | | 0.78 | 7.96 | | |
| 13-Apr-24 | 10622 | 14.20 | | | 0.88 | 9.35 | | |
| 14-Apr-24 | 10203 | 13.80 | 35 | | 1.01 | 10.31 | | |
| 15-Apr-24 | 8919 | 13.00 | | | 0.83 | 7.40 | | |
| 16-Apr-24 | 8637 | 11.20 | | | 0.75 | 6.48 | | |
| 17-Apr-24 | 8573 | 10.60 | 35 | 15.40 | 0.81 | 6.94 | 1.22 | 0.001 |
| 18-Apr-24 | 8600 | 11.40 | | | 0.81 | 6.97 | | |
| 19-Apr-24 | 8922 | 11.40 | | | 0.94 | 8.39 | | |
| 20-Apr-24 | 9424 | 14.40 | | | 0.91 | 8.58 | | |
| 21-Apr-24 | 9134 | 11.20 | 40 | | 0.91 | 8.31 | | |
| 22-Apr-24 | 8184 | 11.60 | | | 0.75 | 6.14 | | |
| 23-Apr-24 | 7968 | 14.20 | | | 1.02 | 8.13 | | |
| 24-Apr-24 | 7922 | 9.80 | 38 | 8.00 | 0.81 | 6.42 | 1.55 | 0.001 |
| 25-Apr-24 | 8218 | 11.20 | | | 0.58 | 4.77 | | |
| 26-Apr-24 | 8642 | 10.20 | | | 0.42 | 3.63 | | |
| 27-Apr-24 | 9335 | 14.00 | | | 0.39 | 3.64 | | |
| 28-Apr-24 | 9308 | 12.00 | 36 | | 0.19 | 1.77 | | |
| 29-Apr-24 | 9317 | 10.20 | | | 0.14 | 1.30 | | |
| 30-Apr-24 | 9022 | 9.80 | | | 0.11 | 0.99 | | |
| Minimum | 7922 | 6.0 | 35 | 8.00 | 0.11 | 0.99 | 1.22 | 0.001 |
| Average | 9426 | 11.0 | 37 | 11.63 | 0.80 | 7.66 | 1.43 | 0.002 |
| Maximum | 11300 | 14.4 | 40 | 15.40 | 1.53 | 15.82 | 1.56 | 0.003 |
| Total | 263931 | | | | | 214.51 | | |

total metals results available

Date: 30-Apr-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 - May 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-May-24 | 7859 | 11.00 | 35 | 3.48 | 0.10 | 0.79 | 0.51 | 0.001 |
| 2-May-24 | 7862 | 9.40 | | | 0.09 | 0.71 | | |
| 3-May-24 | 8065 | 14.40 | | | 0.05 | 0.40 | | |
| 4-May-24 | 8580 | 9.60 | | | 0.13 | 1.12 | | |
| 5-May-24 | 8561 | 10.00 | 34 | | 0.08 | 0.68 | | |
| 6-May-24 | 7928 | 9.60 | | | 0.08 | 0.63 | | |
| 7-May-24 | 6669 | 12.20 | | | 0.09 | 0.60 | | |
| 8-May-24 | 7508 | 9.20 | 35 | 3.50 | 0.13 | 0.98 | 0.42 | 0.004 |
| 9-May-24 | 7643 | 6.80 | | | 0.08 | 0.61 | | |
| 10-May-24 | 7929 | 9.20 | | | 0.11 | 0.87 | | |
| 11-May-24 | 8390 | 8.20 | | | 0.07 | 0.59 | | |
| 12-May-24 | 8308 | 10.40 | 36 | | 0.10 | 0.83 | | |
| 13-May-24 | 7967 | 12.20 | | | 0.10 | 0.80 | | |
| 14-May-24 | 7309 | 12.20 | | | 0.08 | 0.58 | | |
| 15-May-24 | 7497 | 14.40 | 36 | 4.60 | 0.08 | 0.60 | 0.45 | 0.002 |
| 16-May-24 | 7842 | 4.80 | | | 0.07 | 0.55 | | |
| 17-May-24 | 8344 | 3.00 | | | 0.06 | 0.50 | | |
| 18-May-24 | 9370 | 2.60 | | | 0.16 | 1.50 | | |
| 19-May-24 | 9476 | 7.80 | 43 | | 0.09 | 0.85 | | |
| 20-May-24 | 8838 | 9.80 | | | 0.08 | 0.71 | | |
| 21-May-24 | 7719 | 10.60 | | | 0.07 | 0.54 | | |
| 22-May-24 | 8621 | 12.30 | 36 | 5.60 | 0.11 | 0.95 | 0.44 | 0.001 |
| 23-May-24 | 7661 | 13.20 | | | 0.06 | 0.46 | | |
| 24-May-24 | 7641 | 14.00 | | | 0.04 | 0.31 | | |
| 25-May-24 | 8506 | 8.60 | | | 0.08 | 0.68 | | |
| 26-May-24 | 8366 | 10.20 | 35 | | 0.07 | 0.59 | | |
| 27-May-24 | 7811 | 9.20 | | | 0.07 | 0.55 | | |
| 28-May-24 | 8283 | 9.60 | | | 0.06 | 0.50 | | |
| 29-May-24 | 7905 | 10.60 | 35 | 4.70 | 0.07 | 0.55 | 0.47 | 0.001 |
| 30-May-24 | 7755 | 9.40 | | | 0.06 | 0.47 | | |
| 31-May-24 | 7812 | 6.00 | | | 0.06 | 0.47 | | |
| Minimum | 6,669 | 2.6 | 34 | 3.48 | 0.04 | 0.3 | 0.42 | 0.001 |
| Average | 8,091 | 9.8 | 36 | 4.30 | 0.09 | 0.7 | 0.46 | 0.002 |
| Maximum | 9,476 | 14.4 | 43 | 5.60 | 0.16 | 1.5 | 0.51 | 0.004 |
| Total | 226,552 | | | | | 19.5 | | |

total metals results available

Date: 31-May-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 - June 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-Jun-24 | 8555 | 9.60 | | | 0.13 | 1.11 | | |
| 2-Jun-24 | 8339 | 8.00 | 35 | | 0.11 | 0.92 | | |
| 3-Jun-24 | 9273 | 11.00 | | | 0.20 | 1.85 | | |
| 4-Jun-24 | 8990 | 9.20 | | | 0.23 | 2.07 | | |
| 5-Jun-24 | 8376 | 10.20 | 34 | 3.20 | 0.28 | 2.35 | 0.56 | 0.001 |
| 6-Jun-24 | 8125 | 6.60 | | | 0.12 | 0.98 | | |
| 7-Jun-24 | 8408 | 8.20 | | | 0.07 | 0.59 | | |
| 8-Jun-24 | 9083 | 5.20 | | | 0.07 | 0.64 | | |
| 9-Jun-24 | 8695 | 4.00 | 49 | | 0.07 | 0.57 | | |
| 10-Jun-24 | 8165 | 5.00 | | | 0.08 | 0.65 | | |
| 11-Jun-24 | 8074 | 7.00 | | | 0.08 | 0.65 | | |
| 12-Jun-24 | 7779 | 7.40 | 37 | 2.90 | 0.12 | 0.93 | 0.39 | 0.001 |
| 13-Jun-24 | 7493 | 4.20 | | | 0.07 | 0.52 | | |
| 14-Jun-24 | 7629 | 3.40 | | | 0.11 | 0.84 | | |
| 15-Jun-24 | 8458 | 7.60 | | | 0.14 | 1.18 | | |
| 16-Jun-24 | 8290 | 11.60 | 35 | | 0.20 | 1.66 | | |
| 17-Jun-24 | 8139 | 10.40 | | | 0.23 | 1.87 | | |
| 18-Jun-24 | 7882 | 6.80 | | | 0.19 | 1.50 | | |
| 19-Jun-24 | 8082 | 10.20 | 34 | 2.60 | 0.20 | 1.62 | 0.48 | 0.001 |
| 20-Jun-24 | 8082 | 8.40 | | | 0.12 | 0.97 | | |
| 21-Jun-24 | 8436 | 5.40 | | | 0.12 | 1.01 | | |
| 22-Jun-24 | 9190 | 9.40 | | | 0.19 | 1.75 | | |
| 23-Jun-24 | 8794 | 10.20 | 35 | | 0.16 | 1.41 | | |
| 24-Jun-24 | 8306 | 10.00 | | | 0.15 | 1.25 | | |
| 25-Jun-24 | 8234 | 7.20 | | | 0.14 | 1.15 | | |
| 26-Jun-24 | 8456 | 9.40 | 34 | 4.10 | 0.12 | 1.01 | 0.42 | 0.001 |
| 27-Jun-24 | 8977 | 5.00 | | | 0.20 | 1.80 | | |
| 28-Jun-24 | 8993 | 5.40 | | | 0.31 | 2.79 | | |
| 29-Jun-24 | 9577 | 4.40 | | | 0.08 | 0.77 | | |
| 30-Jun-24 | 10055 | 5.60 | 30 | | 0.08 | 0.80 | | |
| Minimum | 7,493 | 3.4 | 30 | 2.60 | 0.07 | 0.52 | 0.39 | 0.001 |
| Average | 8,473 | 7.5 | 36 | 3.20 | 0.15 | 1.23 | 0.46 | 0.001 |
| Maximum | 10,055 | 11.6 | 49 | 4.10 | 0.31 | 2.79 | 0.56 | 0.001 |
| Total | 254,935 | | | | | 33.30 | | |

total metals results available

Date: 30-Jun-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 |
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| 24000.00 |
| 30000.00 |
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| 2261.00 |
| 2899.00 |
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| 2.00 |
| 3.00 |
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| 1.80 |
| 4.50 |
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| |
| 1.800 |
| 7396.413 |
| 30000.000 |

| Fecal Coliforms |
|------------------------|
| MPM/100ml |
| 2.00 |
| 1.80 |
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| |
| 4.50 |
| 23.00 |
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| 4.00 |
| 15.00 |
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| 1.00 |
| 1.00 |
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| 2.00 |
| 1.00 |
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| 1.00 |
| 6.54 |
| 23.00 |

| Fecal Coliforms | |
|-----------------|--|
| MPM/100ml | |
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| 3.00 | |
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| 3.000 | |
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