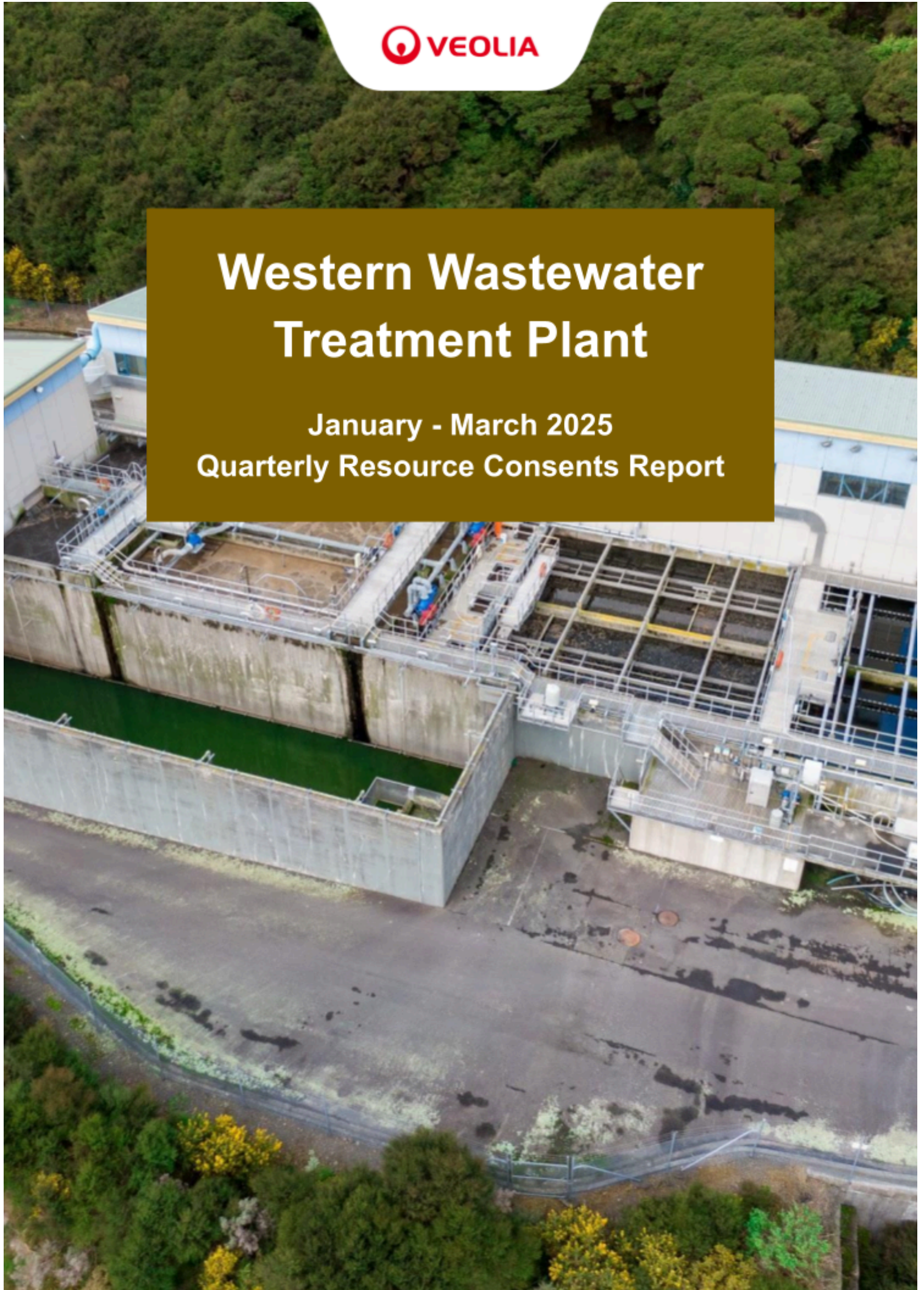


Western Wastewater Treatment Plant

January - March 2025
Quarterly Resource Consents Report



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Control Sheet

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0.1	Draft	23/04/2025	Draft Report
0.2	Review	29/04/2025	Internal review
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1.0	Final	30/04/2025	Final & Publish

Executive Summary

The following report was prepared by Veolia on behalf of the Wellington City Council (WCC) for the Greater Wellington Regional Council (GWRC). This report includes results and observations that satisfy the reporting requirements of the following Western Wastewater Treatment Plant (WWTP) resource consents:

Discharge of Fully Treated Effluent to Coastal Marine Area - WGN060283 [37892]

Effluent discharge from the Western WWTP is governed by the resource consent under the Greater Wellington Regional Council consent file number WGN060283 [37892]. In general, the consent allows the continuous discharge disinfected secondary (fully treated) effluent to the Wellington South Coast coastal marine area (Cook Strait in the vicinity of the Karori Stream Mouth) via an existing outfall. The table below sets out a brief overview of the plant's compliance with the consent conditions:

Discharge of Fully Treated Effluent to Coastal Marine Area - WGN060283 [37892]	
Resource Consent Condition	Compliant / Non-Compliant / Not Applicable
Location - Condition 1	Compliant
Discharge Limit - Condition 2	Compliant
Monitoring of flow rate and volume - Condition 6	Non-compliant
Effluent Quality - Condition 9	Compliant
Effluent Quality Criteria - Condition 10	Compliant
Carbonaceous Biochemical Oxygen Demand (cBOD ₅) - (10 i)	Compliant
Suspended Solids - (10 ii)	Compliant
Faecal Coliforms - (10 iii)	Compliant
Notifications when Effluent Quality is Non-Compliant - Condition 11	Compliant
Conspicuous Discharges - Condition 13	Compliant
Discharge shall not render seafood inedible - Condition 14	Compliant
Assessment of Receiving Waters - Condition 15	Compliant
Sampling from November - March - Condition 16	Compliant
Quarterly Monitoring Report - Condition 19	Compliant
Analysis of Karori Stream Water Samples - Condition 25	Compliant

Tables 1 WGN060283 [37892] Resource Consent Condition Compliance

Occasional Discharges to the Coastal Marine Area - WGN060283 [25227]

The discharge from the Western WWTP is governed by another resource consent under the Greater Wellington Regional Council consent file number WGN060283 [25227]. In general, the consent allows the occasional discharge of milli-screened (partially treated) effluent to the Wellington South Coast coastal marine area via an existing outfall during significant wet weather events. The table below sets out a brief overview of the plant's compliance with the consent conditions:

Resource Consent Condition	Compliant / Non-Compliant / Not Applicable
Operational Conditions - Condition 2	Not applicable
Information Required in Bypass Discharge Reports - Condition 5	Not applicable
Rainfall Recorded Prior to Overflow Events - Condition 6	Not applicable
Analysis of Authorised Discharge Effluent - Condition 7	Not applicable
Sampling Requirements when Discharges longer than 10 hours - Condition 8	Not applicable
Complaints - Condition 13	Not applicable

Table 2 WGN060283[25227] Resource Consent Condition Compliance

Occasional discharges of Waste Water to Karoriri Stream - WGN060283 [35674]

The discharge from the Western WWTP is governed by another resource consent under the Greater Wellington Regional Council consent file number WGN060283 [35674]. In general, the consent allows the occasional discharge of secondary treated and disinfected wastewater from the Western WWTP to Karori Stream during events when the stormwater tank is full and the flow to the plant exceeds 190L/s. The table below sets out a brief overview of the plant's compliance with the consent conditions:

Resource Consent Condition	Compliant / Non-Compliant / Not Applicable
Operational Conditions - Condition 2	Not Applicable
Inflows to be recorded and provided upon request - Condition 3	Not Applicable
Information Required in Bypass Discharge Report - Condition 6	Not Applicable
Rainfall Recorded Prior to Discharge - Condition 7	Not Applicable
Analysis of Authorised Discharge Effluent - Condition 8	Not Applicable
Analysis of Authorised Discharge Effluent - Condition 9	Not Applicable
Complaints - Condition 16	Not Applicable

Table 3: WGN060283 [35674] Resource Consent Condition Compliance

Occasional discharges to Karoriri Stream - WGN060283 [35675]

The discharge from the Western WWTP is governed by another resource consent under the Greater Wellington Regional Council consent file number WGN060283 [35675]. In general, the consent allows for the occasional discharge of milli-screened and settled wastewater from the Western WWTP to Karori stream during events when the stormwater tank is full and the flow to the plant exceeds 390L/s. As inflows did not exceed 390 l/s during the reporting period, none of the conditions were applicable in this reporting period.

Resource Consent Condition	Compliant / Non-Compliant / Not Applicable
Operational Conditions - Condition 2	Not Applicable
Inflows to be recorded and provided upon request - Condition 3	Not Applicable
Information Required in Bypass Discharge Report - Condition 5	Not Applicable
Rainfall Recorded Prior to Discharge - Condition 6	Not Applicable
Analysis of Authorised Discharge Effluent - Condition 7	Not Applicable
Analysis of Authorised Discharge Effluent - Condition 8	Not Applicable
Complaints - Condition 13	Not Applicable

Table 4: WGN060283 [35675] Resource Consent Condition Compliance

Discharge to Air - WGN060283 [25230]

The resource consent that governs the air discharge from the Western WWTP is under the Greater Wellington Regional Council consent file number WGN060283 [25230]. In general, the consent allows the discharge of contaminants to air from the operation of the Western WWTP. The table below sets out a brief overview of the plant's compliance with the consent conditions:

Resource Consent Condition	Compliant / Non-Compliant / Not Applicable
Monitoring of Air Quality - Condition 3	Compliant
Monitoring of Biofilter - Condition 4	Compliant
Complaints - Condition 10	Compliant

Table 5: WGN060283 [25230] Resource Consent Compliance

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WGN060283 [37892] - Continuous discharge of fully treated effluent to coastal marine area

Location - Condition 1

The location and nature of the discharge shall be in accordance with the consent application and its associated plans and documents lodged with the Wellington Regional Council on 30 March 2006, and additional information received on:
29 June 2006, 5 December 2014, 15 January 2015 and 12 November 2015 (change of consent conditions application), 2 February 2018 (change of conditions application), 13 October 2021 (change of conditions application) and 16 March 2022 (email from applicant confirming agreement to alternative wording).

Condition met.

Discharge limit - Condition 2

The rate of discharge shall not exceed 200 litres per second (L/s) or 17,280 cubic metres per day (m³/day).

Condition met. The limits from this condition have been added to WGN060283 [37892] Condition (6) (below).

Monitoring of flow rate and volume - Condition 6

The permit holder shall continuously monitor and record:
(i) - the flow rate and volume of treated wastewater entering the outfall pipeline and
(ii) - the flow rate and volume of the wastewater discharged to the South Coast to the satisfaction of the Wellington Regional Council.

A summary of the records listing

- (i) the daily discharge volumes and
- (ii) the minimum,
- (iii) average and
- (iv) maximum monthly volumes shall be forwarded to the Manager, Environmental Regulation, Wellington Regional Council at quarterly intervals in accordance with condition (19) of this permit.

Condition **not met** as explained below.

Below (table 6) sets out a summary of the effluent flow from the treatment plant required under Condition 6 (1). This includes the average daily flow rate, minimum daily flow, maximum daily flow and monthly average total daily discharge. Daily data can be found in Table 18, Appendix 1.

Month	Average Daily Flow	Minimum Daily Flow	Maximum Daily Flow	Average Monthly Volume	Minimum Monthly Volume	Maximum Monthly Volume
	L/s	L/s	L/s	m ³ /day		
Jan 2025	39	59	155	3404	2586	7899
Feb 2025	34	67	192	2968	2637	3853
Mar 2025	36	63	240	3104	2526	5917

Table 6: Monthly Treatment Plant Effluent Flow

Please note that the discharge limit specified in WGN060283 [37892], Condition (2) applies to the discharge from the effluent pipeline to the coastal marine area. It is not applicable to the discharge from the WWTP.

Below (table 7) is a summary of the effluent pipeline monthly average total daily discharge, average daily flow rate, minimum daily flow, and maximum daily flow. However, as this data is incomplete, this condition is non-compliant.

Data for the period is incomplete as repairs were undertaken part-way through the period. Daily data can be found in Table 19, Appendix 1.

The isolated location of the site presents communications connectivity issues that are impacting ability to report flows. Veolia is currently investigating the root cause of these issues to resolve this issue as soon as possible.

Month	Average Daily Flow	Minimum Daily Flow	Maximum Daily Flow	Average Monthly Volume	Minimum Monthly Volume	Maximum Monthly Volume
	L/s	L/s	L/s	m³/day		
Jan 2025	Not available					
Feb 2025	5	9	44	457	41	586
Mar 2025	37	0	76	3192	0	4406

Table 7: Monthly Effluent Pipeline Flow

Effluent Quality - Condition 9

- a. The permit holder shall take a daily 24-hour flow-proportional composite sample of the treated wastewater discharged from the treatment plant to the South Coast. This sample shall be analysed for total suspended solids and 5-day biochemical oxygen demand (BOD5).
- b. The permit holder shall daily between the hours of 9:00 am and 5:00 pm, obtain a representative grab sample of the treated wastewater discharged from the treatment plant to the South Coast. This sample shall be analysed for faecal coliforms.
- c. The results of monitoring undertaken in accordance with conditions (9)(a) and (9)(b) of this permit shall be forwarded to the Manager, Environmental Regulation, Wellington Regional Council on a quarterly basis, in accordance with condition (19) of this permit.

Condition met.

Samples were taken each day throughout the reporting period. The effluent BOD5 and suspended solids results from daily representative 24-hour flow-proportional composite samples can be found below under resource consent WGN060283 [37892] Condition 10 i) and ii). The effluent faecal coliform results from the daily representative grab samples can be found under resource consent WGN060283 [37892] Condition 10 iii).

Effluent Quality Criteria - Condition 10

The wastewater discharged from the Western Wastewater Treatment Plant to the South Coast shall comply with the following effluent quality criteria:

i. BOD5

The geometric mean of any 90 consecutive daily sample results shall not exceed 20 g/m³ and no more than 18 sample results in any 90-day period (or 15 consecutive sample results in any 90-day period) shall exceed 50 g/m³.

ii. Suspended solids

The geometric mean of any 90 consecutive daily sample results shall not exceed 30 g/m³ and no more than 18 sample results in any 90-day period (or 15 consecutive sample results in any 90-day period) shall exceed 80 g/m³.

iii. Faecal Coliforms

The geometric mean of any 90 consecutive daily sample results shall not exceed 200 colony forming units per 100 ml and no more than 18 sample results in any 90-day period (or 15 consecutive sample results in any 90-day period) shall exceed 2,000 colony forming units per 100ml.

Compliance with the effluent quality criteria shall be determined from the results of wastewater monitoring undertaken in accordance with conditions (9) (a) and (9) (b) of this permit.

Condition met.

All effluent quality parameters were compliant with the relevant conditions throughout the reporting period.

The effluent BOD5 and suspended solids results from daily representative 24-hour flow-proportional composite samples can be found below under resource consent WGN060283 [37892] Condition 10 i) and ii). The effluent faecal coliform results from the daily representative grab samples can be found under resource consent WGN060283 [37892] Condition 10 iii).

i) 5-Day Biochemical Oxygen Demand

The following is a summary of the daily results, 90-day geometric mean, and 90-day 80th percentile for the 5-day biochemical oxygen demand.

Day	January 2025			February 2025			March 2025		
	Daily Results	90-Day Geometric Mean	90-Day 80th Percentile	Daily Results	90-Day Geometric Mean	90-Day 80th Percentile	Daily Results	90-Day Geometric Mean	90-Day 80th Percentile
	g/m ³	g/m ³	g/m ³	g/m ³	g/m ³	g/m ³	g/m ³	g/m ³	g/m ³
1	8	12.7	19	12	15	20	19	16	21
2	6	12.7	19	13	15	20	43	16	22
3	9	12.7	19	26	15	20	23	16	22
4	6	12.6	19	21	15	21	21	16	22
5	7	12.6	19	22	15	21	22	16	22
6	9	12.6	19	12	15	21	36	16	22
7	10	12.6	19	15	15	21	19	16	22
8	8	12.6	19	14	15	21	19	16	22
9	15	12.7	19	38	15	21	17	16	22
10	17	12.8	19	30	15	21	15	16	22
11	19	12.8	19	21	15	21	14	16	22
12	29	13	19	26	15	21	20	16	21
13	18	13.2	19	30	16	21	25	16	22
14	5	13.2	19	28	16	21	19	16	21
15	20	13.4	19	41	16	22	18	16	21
16	29	13.6	20	18	16	22	24	16	22
17	20	13.7	20	22	16	22	49	16	22
18	8	13.7	20	9	16	22	28	16	22
19	20	13.9	20	12	16	22	10	16	22
20	8	13.9	20	10	16	22	14	16	22
21	11	13.9	20	12	16	22	11	16	22
22	7	13.9	20	17	16	22	14	16	22
23	7	14	20	20	16	22	19	16	22
24	13	14	20	18	16	21	12	16	22
25	17	14.2	20	9	16	21	15	16	22
26	13	14.1	20	17	16	21	9	16	22
27	12	14.2	20	20	16	21	17	16	22
28	17	14.2	20	20	16	21	9	16	22
29	19	14.4	20				6	16	22
30	23	14.5	20				15	16	22
31	17	14.7	20				37	16	22
Limits	N/A	20	50	N/A	20	50	N/A	20	50

Table 8: 5-Day Biochemical Oxygen Demand Results, Geometric Mean, and 80th Percentile

Please note that analytical results highlighted in amber are above the 20g/m³ geometric mean limit. Analytical results highlighted in red are above the 50g/m³ 80th percentile compliance limit.

ii) Suspended Solids

The following is a summary of the daily results, 90-day geometric mean, and 90-day 80th percentile for the suspended solids.

Day	January 2025			February 2025			March 2025		
	Daily Results	90-Day Geometric Mean	90-Day 80th Percentile	Daily Results	90-Day Geometric Mean	90-Day 80th Percentile	Daily Results	90-Day Geometric Mean	90-Day 80th Percentile
	g/m ³	g/m ³	g/m ³	g/m ³	g/m ³	g/m ³	g/m ³	g/m ³	g/m ³
1	6	11.5	17.2	6	11	17	14	11	14
2	6	11.5	17.2	10	11	17	17	11	14
3	7	11.5	17.2	10	11	17	23	11	15
4	6	11.4	17.2	12	11	17	25	11	15
5	6	11.4	17.2	6	11	16	21	11	15
6	6	11.3	17.2	7	11	16	22	11	17
7	8	11.3	17.2	6	11	16	26	11	17
8	6	11.3	17.2	6	11	16	17	11	17
9	10	11.2	17.2	13	11	16	13	11	17
10	11	11.3	17.2	14	11	16	16	11	17
11	6	11.2	17.2	15	11	15	9	11	17
12	7	11.3	17.2	52	11	16	25	11	18
13	10	11.3	17.2	35	11	16	18	11	18
14	13	11.4	17.2	29	11	17	23	12	19
15	6	11.4	17.2	34	11	17	20	12	20
16	9	11.4	17.2	23	12	18	16	12	20
17	6	11.4	17.2	27	12	18	21	12	20
18	11	11.4	17.2	5	12	18	30	12	20
19	20	11.6	18	11	11	18	5	12	20
20	9	11.6	18	5	11	17	19	12	20
21	15	11.6	18	6	11	16	20	12	20
22	8	11.6	18	11	11	15	16	12	20
23	8	11.6	18	9	11	15	32	12	20
24	12	11.6	18	32	11	15	10	12	20
25	12	11.7	18	14	11	14	26	12	21
26	9	11.7	18	25	11	14	6	12	21
27	10	11.8	18	20	11	14	52	12	21
28	9	11.7	18	20	11	14	14	12	21
29	5	11.7	18				13	12	21
30	8	11.6	18				28	12	22
31	6	11.5	18				35	13	23
Limits	N/A	30	80	N/A	30	80	N/A	30	80

Table 9: Suspended Solids Results, Geometric Mean, and 80th Percentile

Please note that analytical results highlighted in amber are above the 30g/m³ geometric mean limit. Analytical results highlighted in red are above the 80g/m³ 80th percentile compliance limit.

iii) Faecal Coliforms

The following is a summary of the daily results, 90-day geometric mean, and 90-day 80th percentile for faecal coliforms.

Day	January 2025			February 2025			March 2025		
	Daily Results	90-Day Geometric Mean	90-Day 80th Percentile	Daily Results	90-Day Geometric Mean	90-Day 80th Percentile	Daily Results	90-Day Geometric Mean	90-Day 80th Percentile
	cfu/100mL	cfu/100mL	cfu/100mL	cfu/100mL	cfu/100mL	cfu/100mL	cfu/100mL	cfu/100mL	cfu/100mL
1	10	14	17	10	14	20	10	14	17
2	10	14	17	10	14	20	10	14	17
3	35	15	18	17	14	20	10	14	17
4	10	15	18	14	14	20	10	14	17
5	10	15	18	10	14	20	10	13	15
6	10	15	18	245	15	20	17	13	15
7	10	15	18	332	15	23	10	13	14
8	10	15	18	10	15	23	10	13	14
9	10	15	18	10	15	23	10	13	14
10	10	15	18	10	15	23	10	13	14
11	33	15	20	32	15	24	10	13	14
12	10	14	18	10	15	24	10	13	14
13	10	14	18	10	15	24	180	13	14
14	10	14	18	10	15	23	14	13	14
15	10	14	18	39	15	24	10	13	14
16	14	14	18	10	15	24	10	13	14
17	10	13	17	10	15	23	10	13	14
18	10	13	17	35	15	25	10	13	14
19	10	13	17	10	15	25	14	14	14
20	10	13	17	17	15	25	10	13	14
21	10	13	17	10	15	23	118	14	14
22	17	14	17	14	15	23	17	14	15
23	10	14	17	10	15	23	10	14	15
24	10	13	17	10	15	23	10	14	15
25	10	13	17	10	14	20	14	14	15
26	100	14	18	10	14	20	10	14	15
27	26	14	20	10	14	20	55	14	17
28	10	14	20	10	14	18	92	14	17
29	10	14	20				28	14	17
30	20	14	20				20	15	17
31	32	14	20				141	15	18
Limits	N/A	200	2000	N/A	200	2000	N/A	200	2000

Table 10: Faecal Coliforms Results, Geometric Mean, and 80th Percentile

Notifications when Effluent Quality is Non-Compliant - Condition 11

The permit holder shall report to the Manager, Environmental Regulation, Wellington Regional Council, immediately in the event that a geometric mean and/or 95 percentile effluent quality value calculated at the end of each calendar month exceeds the criteria stipulated in condition 10 of this permit. Such a report shall include the likely reason for exceedance, and measures to be undertaken by the permit holder to remedy the situation. The permit holder shall also immediately notify the Medical Officer of Health of any such event.

Condition met - Western WWTP was compliant throughout the reporting period.

Conspicuous Discharges - Condition 13

The discharge shall not result in any of the following effects beyond a 50 metre radius of the discharge point:

- a. The production of any conspicuous oil or grease films, scums or foams suspended material;
- b. Any conspicuous change in colour or visual clarity;
- c. Any emission of objectionable odour; or
- d. Any significant adverse effect on aquatic life.

Condition met - Please see the Western Treatment Plant Coastal Outfall Analysis and Observations report in Appendix ii: Outfall Inspection Reports.

Discharge shall not render seafood inedible - Condition 14

The discharge shall not result in any of the following effects beyond a 100 metre radius of the discharge point:

- a. The rendering of seafood's inedible by virtue of concentration of toxic substances; or
- b. The rendering of seafood's inedible by virtue of concentration of microorganisms.

Condition met - Inspections were conducted once a month during the reporting period. None of the effects listed in the condition above were reported. Please see the Western Treatment Plant Coastal Outfall Analysis and Observations report in Appendix ii: Outfall Inspection Reports.

Assessment of Receiving Waters - Condition 15

The permit holder shall make a qualitative assessment (visual and olfactory) of the receiving waters beyond the mixing zone at least once each month to assess compliance with condition (13) of this permit, and make the results available to the Manager, Environmental Regulation, Wellington Regional Council, at three monthly intervals (in accordance with the requirements of condition (19) of this permit) or on request.

Condition met - The results of inspections can be found in the Western Treatment Plant Coastal Outfall Analysis and Observations report in Appendix ii: Outfall Inspection Reports.

Sampling from November - March - Condition 16

The permit holder shall collect representative coastal water samples from knee deep water at the following locations, once each month for five months through November to March inclusive (the bathing season) each year, for the duration of this permit:

- 100m SE of the outfall (map reference NZMS 260: R27; 504.835)
- 200m SE of the outfall (map reference NZMS 260: R27; 504.834)
- The Karori Stream, above the tidal influence
- 100m NW of the mouth of the Karori Stream

Sampling shall be undertaken during dry, settled weather where practicable. Each of the water samples shall be analysed for faecal coliform and enterococci bacteria (cfu/100mL). The time of the sample collection, together with the weather and tidal conditions, observations of the sea state, stream colour and location of stream mouth (if at all) shall be recorded and reported with the analytical results.

Water samples taken during the months of January to March inclusive, shall also be analysed for the following parameters:

Ammoniacal nitrogen	g/m ³
Nitrite nitrogen	g/m ³
Nitrate nitrogen	g/m ³
Dissolved reactive phosphorus	g/m ³

The permit holder shall provide the results to the Manager, Environmental Regulation, Regional Council, by 30 April each year (as part of the quarterly report required by condition (19) of this permit), or on request.

Condition met - Shoreline monitoring results in the reporting period were as follows:

100m SE of the Outfall									
Date Time	Enterococci	Faecal Coliforms	Ammonial Nitrogen	Nitrite Nitrogen	Nitrate Nitrogen	Dissolved Reactive Phosphorus	Discoloration	Tide	Weather
	cfu/100mL		g/m ³				Conditions		
25/01 06:55	<10	20	.34	<0.1	<0.01	0.055	None	Ebb	Clear
13/02 07:00	10	<10	.38	<0.1	<0.01	0.021	None	Ebb	Clear
26/03 14:21	20	<10	.38	<0.1	<0.01	<0.025	None	High	Clear

200m SE of the Outfall									
Date Time	Enterococci	Faecal Coliforms	Ammonial Nitrogen	Nitrite Nitrogen	Nitrate Nitrogen	Dissolved Reactive Phosphorus	Discoloration	Tide	Weather
	cfu/100mL		g/m ³				Conditions		
25/01 06:52	10	<10	.32	<0.1	<0.01	0.041	None	Ebb	Clear
13/02 06:57	10	<10	.31	<0.1	<0.01	<0.05	None	Ebb	Clear
26/03 14:15	<10	<10	.34	<0.1	<0.01	<0.025	None	High	Clear

Karori Stream above Tidal Influence									
Date Time	Enterococci	Faecal Coliforms	Ammonial Nitrogen	Nitrite Nitrogen	Nitrate Nitrogen	Dissolved Reactive Phosphorus	Discoloration	Tide	Weather
	cfu/100mL		g/m ³				Conditions		
25/01 07:02	170	900	0.01	<0.01	0.76	0.085	None	Ebb	Clear
13/02	Stream dry, unable to sample								
26/03 14:40	40	370	<0.01	<0.01	0.89	0.107	None	High	Clear

100m NW of the mouth of the Karori Stream									
Date Time	Enterococci	Faecal Coliforms	Ammonial Nitrogen	Nitrite Nitrogen	Nitrate Nitrogen	Dissolved Reactive Phosphorus	Discoloration	Tide	Weather
	cfu/100mL		g/m ³				Conditions		
25/01 07:04	4800	600	.34	<0.1	<0.01	0.045	None	Ebb	Clear
13/02 07:05	40	30	.35	<0.1	<0.01	0.032	None	Ebb	Clear
26/03 14:30	80	110	.39	<0.1	<0.01	0.042	None	High	Clear

Quarterly Monitoring Report - Condition 19

A quarterly monitoring report for each three-month period ending 31 March, 30 June, 30 September and 31 December shall be provided to the Manager, Environmental Regulation, Wellington Regional Council within 30 days of the end of each three month period.

The quarterly report shall include, but not be limited to, the following:

The results of all monitoring undertaken, as required by conditions (6), (9)(a), (9)(b) and (25) of this permit. These results shall be provided in an electronic format and a hard-copy format; an assessment of compliance with conditions (6), (9)(a), (9)(b) and (15) of this permit; and reasons for any non-compliance and subsequent actions undertaken to remedy any non-compliance.

This condition is met by providing this report.

All monitoring performed at the Western WWTP has been provided in the previous sections of this report under the designated resource consent conditions.

The following is a summary of the monitoring parameters, the resource consent condition the data is listed under, the monitoring frequency, the limits for each parameter, and compliance with the resource consent:

Monitoring Parameters	WGN060283 [37892] Conditions	Monitoring Frequency	Limits	Compliance
Effluent Flow	6	Daily	200L/s 17,280m ³ /day	Non-compliant
5-Day Biochemical Oxygen Demand	9a	Daily	--	Compliant
	10ii		Geometric Mean < 20g/m ³ 90th Percentile < 50g/m ³	Compliant
Suspended Solids	9a	Daily	--	Compliant
	10ii		Geometric Mean < 30g/m ³ 90th Percentile < 80g/m ³	Compliant
Faecal Coliforms	9b	Daily	--	Compliant
	10iii		Geometric Mean < 200cfu/100mL 90th Percentile < 2000cfu/100mL	Compliant
Receiving Waters Inspection	15	Monthly		Compliant
Receiving Waters Sampling	16	Monthly between November and March (inclusively)		Compliant
Karori Stream Monitoring	25	Fortnightly		Compliant

Table 11: Monitoring Parameters for Resource Consent WGN060283 [35255]

Analysis of Karori Stream Water Samples - Condition 25

The permit holder shall collect representative water samples from the Karori Stream at the following locations, once every fortnight for the duration of this permit:

- Karori Stream at Friend Street (map reference NZMS 260: R27; 554.901)
- Karori Stream at Campbell Street (map reference NZMS 260: R27; 554.900)
- Karori Stream at South Karori Road (map reference NZMS 260: R27; 540.880)
- Karori Stream approximately 100 metres upstream of the Western Treatment Plant (map reference NZMS 260: R27; 523.872)
- Karori Stream 100 metres approximately downstream of the Western Treatment Plant (map reference NZMS 260: R27; 523.871)

The water samples shall be analysed for faecal coliforms (cfu/100mL). The time of the sample collection, together with the weather conditions shall be recorded and reported with the analytical results.

The permit holder shall provide the results of this monitoring to the Manager, Environmental Regulation, Wellington Regional Council, quarterly, in accordance with the requirements of condition (19) of this permit, or on request.

Condition met - the following is a summary of the samples collected at the 5 locations during the reporting period.

Site Name Address	Sample Date	Sample Time	Faecal Coliform	Rain in last 24 hour	Weather
	dd/mm/yyyy	hh:mm	cfu/100mL		
Karori Stream Campbell Street Bridge	09/01/2025	16:08	430	Y	Clear
	23/01/2025	06:24	3400	N	Clear
	05/02/2025	08:25	6000	Y	Cloudy
	20/02/2025	19:05	5600	Y	Cloudy
	07/03/2025	06:34	>6000	Y	Overcast
	21/03/2025	NR	NR	Y	Overcast
Karori Stream Friend Street	09/01/2025	16:00	800	Y	Clear
	23/01/2025	6:20	3500	N	Clear
	05/02/2025	08:22	6000	Y	Cloudy
	20/02/2025	NR	NR	Y	Cloudy
	07/03/2025	06:32	1000	Y	Overcast
	21/03/2025	17:03	>6000	Y	Overcast
Karori Stream 100m Downstream of WWTP	09/01/2025	16:35	180	Y	Clear
	23/01/2025	06:48	270	N	Clear
	05/02/2025	08:41	50	Y	Cloudy
	20/02/2025	18:35	330	Y	Cloudy
	07/03/2025	06:58	200	Y	Overcast
	21/03/2025	17:03	340	Y	Overcast
Karori Stream 100m Upstream of WWTP	09/01/2025	16:32	160	Y	Clear
	23/01/2025	6:42	260	N	Clear
	05/02/2025	08:48	120	Y	Cloudy
	20/02/2025	18:40	250	Y	Cloudy
	07/03/2025	06:54	560	Y	Overcast
	21/03/2025	16:38	360	Y	Overcast
South Karori Road	09/01/2025	16:20	270	Y	Clear
	23/01/2025	06:31	100	N	Clear
	05/02/2025	08:32	200	Y	Cloudy
	20/02/2025	18:55	6000	Y	Cloudy
	07/03/2025	06:45	1100	Y	Overcast
	21/03/2025	16:49	390	Y	Overcast

Table 12: Karori Stream Sample Data

WGN060283 [25227] - To occasionally discharge milli-screened (partially treated) effluent to the Wellington South Coast coastal marine area (Cook Strait in the vicinity of the Karori Stream Mouth) via an existing outfall during significant wet weather events.

There were no discharges during the period. Accordingly, all conditions relating to this consent were **not applicable** during the reporting period.

Operational Conditions - Condition 2

This permit shall only be exercised when the sewage inflow to the treatment plant exceeds 190 litres per second (L/s), and the 1000 m³ storage tank is full.

Not applicable.

Information Required in Bypass Discharge Reports - Condition 5

The permit holder shall monitor and record the time, flow rate, duration and total volume of the bypass discharges into the coastal marine area, and shall report the results to the Manager, Environmental Regulation, Wellington Regional Council, within 10 working days of the overflow event occurring.

The permit holder shall maintain an incident log containing the details of each bypass discharge and make it available to the public or the Manager, Environmental Regulation, Wellington Regional Council upon request.

Not applicable.

Rainfall Recorded Prior to Overflow Events - Condition 6

The permit holder shall submit to the Manager, Environmental Regulation, Wellington Regional Council the amount of rainfall recorded in each hour at Karori Reservoir rain-gauge for each of the 7 days preceding each overflow event in the annual report required by condition (10) of this permit.

Not applicable.

Analysis of Authorised Discharge Effluent - Condition 7

The permit holder shall take one representative grab sample of the settled, milli-screened effluent prior to its entry into the coastal outfall pipe every time the discharge authorised by this permit has occurred for more than two hours. Each sample shall be analysed for the following parameters:

pH	
Suspended solids	g/m ³
Total BOD5	g/m ³
Faecal coliform bacteria	cfu/100mL
oils/grease	g/m ³

The results of the monitoring shall be forwarded to the Manager, Environmental Regulation, Wellington Regional Council within 10 working days of the bypass discharge occurring.

Not applicable.

Sampling Requirements when Discharges longer than 10 hours - Condition 8

When a bypass discharge occurs that lasts for longer than 10 hours the permit holder shall collect two sets of representative water samples from knee deep water at the following locations:

- a. 100m SE of the outfall (map reference NZMS 260: R27; 504.835)
- b. 200m SE of the outfall (map reference NZMS 260: R27; 504.834)
- c. The Karori Stream, above the tidal influence
- d. 100m NW of the mouth of the Karori Stream

The first set of samples shall be taken within 24 hours of the discharge commencing and the second set of samples shall be taken 12- 48 hours after the discharge has ceased.

These samples shall only be taken provided that safe vehicular access is available and weather conditions allow for safe access to the sample locations.

The water samples shall be analysed for enterococci bacteria (cfu/100ml). The time of the sample collection, together with the weather and tidal conditions shall be recorded and reported with the analytical results.

The results of the monitoring shall be forwarded to the Manager, Environmental Regulation, Wellington Regional Council within 10 working days of the bypass discharge occurring.

Not applicable.

Complaints - Condition 13

The permit holder shall keep a record of any complaints that are received. The record shall contain the following details, where practicable:

- a. Name and address of the complainant;
- b. Identification of the nature of the complaint;
- c. Date and time of the complaint and of the alleged event;
- d. Weather conditions at the time of the complaint; and
- e. Any measures taken to address the cause of the complaint.

The permit holder shall notify the Manager, Environmental Regulation, Wellington Regional Council of any complaints relating to the exercise of this permit, within twenty-four hours of being received by the permit holder or the next working day.

The permit holder shall forward to the Manager, Environmental Regulation, Wellington Regional Council a copy of any complaints recorded in the annual report required by condition (10) of this permit.

There were no complaints during the reporting period.

WGN060283 [35674] - To occasionally discharge secondary treated and disinfected wastewater from the Western Wastewater Treatment Plant to Karori Stream during events when the stormwater tank is full and the flow to the plant exceeds 190 L/s.

All conditions relating to this consent are **not applicable** as there were no discharges during the period.

Operational Conditions - Condition 2

This permit shall only be exercised when the sewage inflow to the treatment plant exceeds 190 litres per second (L/s), and the 1000 m3 storage tank is full.

Not applicable, as there were no discharges during the period

Inflows to be recorded and provided upon request - Condition 3

The permit holder shall continuously monitor and record influent flow to the Western Wastewater Treatment Plant, and make the results available to the Manager, Environmental Regulation, Wellington Regional Council on request.

The Manager, Environmental Regulation, Wellington Regional Council has not requested this information be provided.

Information Required in Bypass Discharge Report - Condition 6

The permit holder shall monitor and record the time, flow rate, duration and total volume of the overflow discharges into the Karori Stream, and shall report the results to the Manager, Environmental Regulation, Wellington Regional Council, within 10 working days of the overflow event occurring.

The permit holder shall maintain an incident log containing the details of each overflow discharge and make it available to the public or the Manager, Environmental Regulation, Wellington Regional Council upon request.

Condition met - there were no discharges during the reporting period

Date	Duration	Average Inlet Flow	Peak Inlet Flow	Average Discharge Flow	Peak Discharge Flow	Total Volume of Discharge	Dilution Ratio	Consented	Cause	Monitoring Results
d/m	hr:min	L/s	L/s	L/s	L/s	m ³	--	Y/N		
There were no discharges during the reporting period										

Table 13: Discharge Data

Rainfall Recorded Prior to Discharge - Condition 7

The permit holder shall submit to the Manager, Environmental Regulation, Wellington Regional Council the amount of rainfall recorded in each hour at Karori Reservoir rain-gauge for each of the 7 days preceding each overflow event in the annual report required by condition (11) of this permit.

Condition met - not applicable as noted above, there were no discharges during the reporting period.

Analysis of Authorised Discharge Effluent - Condition 8

After an overflow discharge has occurred for more than 2 hours, the permit holder shall collect a representative grab sample of the treated effluent, prior to its entry into Karori Stream. All samples shall be analysed for the following parameters:

Suspended solids	g/m ³
Ammoniacal nitrogen	g/m ³
Total BOD5	g/m ³
Faecal coliform	cfu/100mL

The results of the monitoring shall be forwarded to the Manager, Environmental Regulation, Wellington Regional Council within 10 working days of the bypass discharge occurring.

Condition met - as noted above, there were no discharges during the reporting period.

Analysis of Authorised Discharge Effluent - Condition 9

After an overflow discharge has occurred for more than 24 hours, the permit holder shall collect two representative grab samples from the Karori Stream, one from upstream of the discharge point and one no more than 100 metres downstream of the discharge point. This sampling shall be repeated at daily intervals thereafter for the duration of the discharge. A final set of samples shall be taken two hours after the discharge has ceased, or as soon as is practicable thereafter.

All samples shall be analysed for the following parameters:

Suspended solids	g/m ³
Ammoniacal nitrogen	g/m ³
Total BOD5	g/m ³
Faecal coliform	cfu/100mL

The results of the monitoring shall be forwarded to the Manager, Environmental Regulation, Wellington Regional Council within 10 working days of the bypass discharge occurring.

Note: No monitoring shall be required during the hours of darkness, or when conditions are too dangerous for the safe procurement of samples.

Condition met - as noted above, there were no discharges during the reporting period.

Complaints - Condition 16

The permit holder shall keep a record of any complaints that are received. The record shall contain the following details, where practicable:

- Name and address of the complainant;
- Identification of the nature of the complaint;
- Date and time of the complaint and of the alleged event;
- Weather conditions at the time of the complaint; and
- Any measures taken to address the cause of the complaint.

The permit holder shall notify the Manager, Environmental Regulation, Wellington Regional Council of any complaints relating to the exercise of this permit, within twenty-four hours of being received by the permit holder or the next working day.

The permit holder shall forward to the Manager, Environmental Regulation, Wellington Regional Council a copy of any complaints recorded in the annual report required by condition (10) of this permit.

Not applicable - there were no complaints during the reporting period.

WGN060283 [35675] - To occasionally discharge milli-screened and settled wastewater from the Western Wastewater Treatment Plant to Karori Stream during events when the stormwater tank is full and the flow to the plant exceeds 390 L/s.

All conditions relating to this consent are **not applicable** as there were no discharges during the period.

Operational Conditions - Condition 2

This consent shall only be exercised when the sewage inflow to the treatment plant exceeds 390 litres per second (L/s), and the 1000 m³ storage tank is full.

Not applicable - Inflows did not exceed 390 l/s during the reporting period and there were no discharges in the period

Inflows to be recorded and provided upon request - Condition 3

The permit holder shall continuously monitor and record influent flow to the Western Wastewater Treatment Plant, and make the results available to the Manager, Environmental Regulation, Wellington Regional Council on request.

Condition met - the Manager, Environmental Regulation, Wellington Regional Council has not requested this information be provided.

Information Required in Bypass Discharge Report - Condition 5

The permit holder shall monitor and record the time, flow rate, duration and total volume of the bypass overflow discharges into the Karori Stream, and shall report the results to the Manager, Environmental Regulation, Wellington Regional Council, within 10 working days of the overflow event occurring.

The permit holder shall maintain an incident log containing the details of each bypass overflow discharge and make it available to the public or the Manager, Environmental Regulation, Wellington Regional Council, upon request.

Not applicable - inflows did not exceed 390 l/s during the reporting period.

Rainfall Recorded Prior to Discharge - Condition 6

The permit holder shall submit to the Manager, Environmental Regulation, Wellington Regional Council the amount of rainfall recorded at the Karori Reservoir rain-gauge in each hour for each of the 7 days preceding each bypass overflow event in the annual report required by condition (9) of this permit.

Not applicable - inflows did not exceed 390 l/s during the reporting period and there were no discharges in the period.

Analysis of Authorised Discharge Effluent - Condition 7

The permit holder shall take one representative grab sample of the settled, milli-screened effluent prior to its entry into the Karori Stream every time the discharge authorised by this permit has occurred for more than one hour. Each sample shall be analysed for the following parameters:

pH	
Suspended solids	g/m ³
Total BOD5	g/m ³
Faecal coliform bacteria	cfu/100mL
oils/grease	g/m ³

The results of the monitoring shall be forwarded to the Manager, Environmental Regulation, Wellington Regional Council within 10 working days of the bypass discharge occurring.

Not applicable - inflows did not exceed 390 l/s during the reporting period and there were no discharges in the period.

Analysis of Authorised Discharge Effluent - Condition 8

After any bypass overflow discharge has occurred for more than one hour, the permit holder shall collect representative grab samples from the Karori Stream, upstream of the discharge point at the last bridge to the wastewater treatment plant at approximate map reference NZTM 1742609.5425785.

The sample shall be analysed for the following parameters:

Suspended solids	g/m ³
Ammoniacal nitrogen	g/m ³
Total BOD5	g/m ³
Faecal coliform	cfu/100mL

The results of the monitoring shall be forwarded to the Manager, Environmental Regulation, Wellington Regional Council within 10 working days of the overflow discharge occurring.

Note: No monitoring shall be required during the hours of darkness, or when conditions are too dangerous for the safe procurement of samples.

Not applicable - inflows did not exceed 390 l/s during the reporting period and there were no discharges.

Complaints - Condition 13

The permit holder shall keep a record of any complaints that are received. The record shall contain the following details, where practicable:

- a. Name and address of the complainant;
- b. Identification of the nature of the complaint;
- c. Date and time of the complaint and of the alleged event;
- d. Weather conditions at the time of the complaint; and
- e. Any measures taken to address the cause of the complaint.

The permit holder shall notify the Manager, Environmental Regulation, Wellington Regional Council of any complaints relating to the exercise of this permit, within twenty-four hours of being received by the permit holder or the next working day.

The permit holder shall forward to the Manager, Environmental Regulation, Wellington Regional Council a copy of any complaints recorded in the annual report required by condition (9) of this permit.

Not applicable - inflows did not exceed 390 l/s during the reporting period.

WGN060283 [25230] - Discharge to Air

Monitoring of Air Quality - Condition 3

The permit holder shall monitor air quality in the vicinity of the plant to confirm the absence of faecal coliforms and salmonella originating from the plant. Sampling is to be carried out at least once every six months.

The sampling method and locations are to be agreed with the Wellington Regional Council within three months of the granting of this permit.

Should the presence of faecal coliforms or salmonella be measured at any time, the Wellington Regional Council may direct that the permit holder sample at least once every month for six months before returning to the six monthly sampling regime.

The results shall be provided annually to Wellington Regional Council as part of the annual report required by condition 8 of this permit.

Condition met - Ambient Microbe Monitoring was last performed at the Western WWTP in November 2024. All bacterial and fungal counts were well within the normal range for outdoor air in the vicinity of a wastewater treatment plant (Biodet database) with *Aspergillus Fumigatus*, Gram- negative bacteria, Enterococci and *Escherichia coli* not detected at any of the sites. The results were approximately half those observed in May 2024.

Site	Total Count (CFU/m ³) ^a	Filter 1 Breakdown of Total Count					Filter 2		Filter 3		
		Total Actinomyces (CFU /m ³) ^a	Total Bacteria (CFU/m ³) ^a	Total Fungi ^b (CFU /m ³) ^a	Total Yeasts (CFU/m ³) ¹	<i>Aspergillus Fumigatus</i> ^c (CFU /m ³) ^a	Gram Negative (CFU/m ³) ^a	Enterococci (CFU /m ³) ^a	Salmonella Present/Absent	Total Coliforms Present/Absent	Faecal Coliforms Present/Absent
Site 1	177	<3	<3	160	17	<3	<3	<3	Absent	Absent	Absent
Site 2	119	3	<3	71	45	<3	<3	<3	Absent	Absent	Absent
Site 3	253	3	<3	250	<3	<3	<4	<4	Absent	Absent	Absent

a) CFU/m³ = Colony forming units per cubic meter of air at actual temperature and pressure

b) F/Fungi = Filamentous Fungi

c) *Aspergillus fumigatus* count is included in the Total Fungi count

Monitoring of Biofilter - Condition 4

The permit holder shall undertake a comprehensive assessment of the quality of the biofilter media on an annual basis (or more frequently if appropriate).

The results of this assessment, including a summary of the findings, details of any action(s) to be taken to improve the efficiency of the biofilter, and a timetable for those actions to be undertaken, shall be submitted to the Manager, Environmental Regulation, Wellington Regional Council within one month of the assessment being undertaken.

Actions to be undertaken may include, but are not limited to:

- Turning, restructuring and dampening of the bed material,
- the addition of supplementary bed material, or
- total bed material replacement.

The first assessment shall be undertaken within three months of the granting of this permit. Subsequent assessments shall be undertaken annually thereafter.

Condition met - a biofilter assessment was undertaken in November 2024, received 24 January 2025 and provided to GWRC thereafter.

Complaints - Condition 10

The permit holder shall keep a permanent record of any complaints received alleging adverse effects from the permit holder's operations. The complaints record shall contain the following where practicable:

- a. the name and address of the complainant, if supplied;
- b. identification of the nature of the complaint;
- c. date and time of the complaint and alleged event;
- d. weather conditions at the time of the alleged event;
- e. results of the permit holder's investigations; and
- f. any mitigation measures adopted.

The permit holder shall notify the Manager, Environmental Regulation, Wellington Regional Council of any complaints relating to the exercise of this permit, within twenty-four hours of being received by the permit holder or the next working day.

The permit holder shall forward to the Manager, Environmental Regulation, Wellington Regional Council a copy of any complaints recorded in the annual report required by condition (8) of this permit.

Condition met - there have been no complaints received regarding this resource consent during the reporting period.

**Appendix i:
Treatment Plant Effluent Flow Rate**

Treatment Plant Effluent Flow Rate

Day	January2025			February 2025			March2025		
	Average Flow	Peak Flow	Daily Total	Average Flow	Peak Flow	Daily Total	Average Flow	Peak Flow	Daily Total
	L/s	L/s	m ³	L/s	L/sr	m ³	L/s	L/s	m ³
1	91	147	7899	40	84	3,429	32	72	2,796
2	49	94	4249	41	73	3,521	36	73	3,069
3	67	154	5797	34	163	2,917	33	156	2,878
4	48	89	4112	33	121	2,890	38	111	3,323
5	45	74	3881	31	88	2,653	37	240	3,237
6	39	150	3376	35	138	2,990	32	167	2,769
7	40	134	3433	31	69	2,697	29	71	2,526
8	40	153	3422	32	72	2,796	34	67	2,951
9	38	154	3265	36	67	3,093	38	79	3,260
10	34	125	2954	33	115	2,894	33	170	2,871
11	37	77	3227	33	158	2,811	32	73	2,765
12	39	127	3385	33	135	2,877	30	130	2,616
13	37	124	3186	32	130	2,754	32	65	2,752
14	33	155	2824	31	135	2,637	31	154	2,694
15	32	152	2790	34	70	2,966	32	73	2,758
16	34	116	2899	35	73	3,044	34	68	2,970
17	31	70	2697	34	76	2,922	33	63	2,870
18	34	70	2921	45	185	3,853	38	98	3,300
19	33	70	2830	34	69	2,948	68	171	5,917
20	37	71	3180	33	99	2,874	43	108	3,712
21	32	67	2799	37	93	3,198	33	77	2,834
22	33	63	2844	34	73	2,980	36	132	3,104
23	33	128	2894	37	72	3,223	38	73	3,291
24	30	59	2586	34	188	2,926	36	80	3,147
25	36	67	3071	33	71	2,857	34	76	2,948
26	42	85	3589	33	192	2,847	31	207	2,705
27	41	99	3527	32	71	2,744	42	120	3,652
28	34	69	2895	32	73	2,758	37	101	3,211
29	35	64	3008				36	83	3,145
30	36	66	3112				37	73	3,194
31	33	73	2888				34	139	2,968
Average	39	101	3404	34	105	2968	35	109	3104

Table 18: Effluent Flow Data

Effluent Pipe Flow Rate¹

Day	January 2025			February 2025			March 2025		
	Average Flow	Peak Flow	Daily Total	Average Flow	Peak Flow	Daily Total	Average Flow	Peak Flow	Daily Total
	m ³ /hour	L/s	m ³	m ³ /hour	L/s	m ³	m ³ /hour	L/s	m ³
1				The damaged outfall flowmeter was repaired in February, which is why there is no data from 1 - 11 February. A test was done on the 28th of Feb and it was found to be out of calibration. A recalibration test was completed on 10 March and a further check is scheduled for the end of March.			4.94	9	426.66
2							5.06	9	437.40
3							4.99	9	431.28
4							5.55	10	479.77
5							8.09	11	699.39
6							8.00	8	691.20
7							47.95	76	4142.90
8							51.00	51	4406.40
9							51.00	51	4406.40
10							51.00	51	4406.40
11							51.00	51	4406.40
12	The damaged outfall flowmeter was repaired in February but no data is available for the reporting period.			0.48	39.00	41.77	51.00	51	4406.40
13				4.71	9.00	407.22	51.00	51	4406.40
14				5.28	9.00	456.21	51.00	51	4406.40
15				5.50	9.00	474.93	51.00	51	4406.40
16				5.62	9.00	485.28	51.00	51	4406.40
17				5.53	9.00	477.72	51.00	51	4406.40
18				6.78	16.00	585.84	51.00	51	4406.40
19				5.78	9.10	499.25	51.00	51	4406.40
20				5.57	9.00	480.93	51.00	51	4406.40
21				5.92	13.00	511.23	51.00	51	4406.40
22				5.48	9.00	473.16	51.00	51	4406.40
23				5.84	9.00	504.60	51.00	51	4406.40
24				5.58	9.00	482.04	51.00	51	4406.40
25				5.58	10.00	482.35	2.36	51	203.49
26				5.82	9.20	503.08	0.00	0	0.00
27				5.48	44.00	473.46	0	0	0.00
28				4.95	9.00	427.38	38.20	51	3300.21
29							51	51	4406.40
30							51	51	4406.40
31							51	51	4406.40
Limit	720	200	17,280	720	200	17,280	720	200	17,280

Table 19: Effluent Flow Data

¹ The isolated location of the site presents communications connectivity issues that are impacting ability to report flows. Veolia is currently investigating the root cause of these issues to resolve this issue as soon as possible.

**Appendix ii:
Outfall Inspection Reports**

Responses cannot be edited

Western WWTP Outfall Inspection

Thank you for conducting the Western WWTP Outfall Inspection. Please answer the following questions:

* Indicates required question

Date? *

DD MM YYYY

29 / 01 / 2025

Is there any signs of leaking or damage to the outfall structure in the water? *

☐ Yes

☒ No

Is there any oil or grease films, scums, foams, or suspended material beyond a 50 meter radius of the discharge point? *

☐ Yes

☒ No

Is there any change in colour or clarity of the water beyond a 50 meter radius of the discharge point? *

☐ Yes

☒ No

Is there any change in colour or clarity of the water beyond a 50 meter radius of the discharge point? *

☐ Yes

☒ No

Is there any emissions or objectionable odour beyond a 50 meter radius of the discharge point? *

☐ Yes

☒ No

Is there any signs of adverse effects on the aquatic life beyond a 50 meter radius of the discharge point? *

☐ Yes

☒ No

Description of Outfall

If yes, please describe the damage to the outfall structure below:

.....

Submitted 31/01/2025, 13:15

Western WWTP Outfall Inspection

Thank you for conducting the Western WWTP Outfall Inspection. Please answer the following questions:

Date? *

DD MM YYYY

28 / 02 / 2025

Is there any signs of leaking or damage to the outfall structure in the water? *

☐ Yes

☒ No

Is there any oil or grease films, scums, foams, or suspended material beyond a 50 meter radius of the discharge point? *

☐ Yes

☒ No

Is there any change in colour or clarity of the water beyond a 50 meter radius of the discharge point? *

☐ Yes

☒ No

Is there any change in colour or clarity of the water beyond a 50 meter radius of the discharge point? *

☐ Yes

☒ No

Is there any emissions or objectionable odour beyond a 50 meter radius of the discharge point? *

☐ Yes

☒ No

Is there any signs of adverse effects on the aquatic life beyond a 50 meter radius of the discharge point? *

☐ Yes

☒ No

Description of Outfall

If yes, please describe the damage to the outfall structure below:

.....

Submitted 31/01/2025, 13:15

Western WWTP Outfall Inspection

Thank you for conducting the Western WWTP Outfall Inspection. Please answer the following questions:

Date? *

DD MM YYYY

26 / 03 / 2025

Is there any signs of leaking or damage to the outfall structure in the water? *

☒ Yes

☐ No

Is there any oil or grease films, scums, foams, or suspended material beyond a 50 meter radius of the discharge point? *

☐ Yes

☒ No

Is there any change in colour or clarity of the water beyond a 50 meter radius of the discharge point? *

☐ Yes

☒ No

Is there any emissions or objectionable odour beyond a 50 meter radius of the discharge point? *

☐ Yes

☒ No

Is there any signs of adverse effects on the aquatic life beyond a 50 meter radius of the discharge point? *

☐ Yes

☒ No

Description of Outfall

If yes, please describe the damage to the outfall structure below:

Outfall pipe is leaking effluent into the stream halfway between the sea and the beach access gate.

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