



Regional District of Nanaimo - Water Services Department

Melrose Water Analysis - 2021 Monthly Report

| Date | Sample Location (Address) | BC Centre for Disease Control | | RDN In-House Laboratory and Spectrophotometer | | | | | | | | | |
|-------------------------------|---------------------------|-------------------------------|------------------|---|------------------|------------|----------|-------------------------------|-------------------------------|--------------|----------------------|--|---------------------|
| | | E. coli * | Total Coliform * | E.coli * | Total Coliform * | Temp. (°C) | pH | Free Chlorine Residual (mg/L) | Total Dissolved Solids (mg/L) | Salinity (%) | Conductivity (µS/cm) | Total Iron (mg/L) | Manganese (mg/L) |
| 07-Dec-21 | 3927 Melrose | | | 0 | 0 | 8 | 7.19 | 0.04 | 224.0 | 0.22 | 464.0 | Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/melrose-terrace | |
| 14-Dec-21 | 3927 Melrose | | | 0 | 0 | 8 | 7.20 | 0.10 | 269.0 | 0.21 | 451.0 | | |
| 20-Dec-21 | 3927 Melrose | | | 0 | 0 | 6 | 7.17 | 0.05 | 222.0 | 0.26 | 528.0 | | |
| | | | | | | | | | | | | | |
| CDN Drinking Water Guidelines | | <1 | <1 | <1 | <1 | n/a | 7.0-10.5 | n/a | 500 | n/a | n/a | 0.3 | 0.02 AO 0.12 MAC |

Legend:

* Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)

Orange font indicates non-compliance with the Aesthetic Objective (AO) in the Canadian Drinking Water Guidelines (CDWG)

Red font indicates non-compliance with the Maximum Acceptable Concentration (MAC) in the CDWG

Comments:

Iron and Manganese are no longer being tested in-house.

A full potability scan is completed once per year at an external lab that includes metals and minerals.



Regional District of Nanaimo - Water Services Department

Melrose Water Analysis - 2021 Monthly Report

| Date | Sample Location (Address) | BC Centre for Disease Control | | RDN In-House Laboratory and Spectrophotometer | | | | | | | | | |
|-------------------------------|---------------------------|-------------------------------|------------------|---|------------------|------------|----------|-------------------------------|-------------------------------|--------------|----------------------|--|---------------------|
| | | E. coli * | Total Coliform * | E.coli * | Total Coliform * | Temp. (°C) | pH | Free Chlorine Residual (mg/L) | Total Dissolved Solids (mg/L) | Salinity (%) | Conductivity (µS/cm) | Total Iron (mg/L) | Manganese (mg/L) |
| 01-Nov-21 | 3927 Melrose | 0 | 0 | 0 | 0 | 11 | 7.65 | 0.05 | 218.1 | 0.22 | 452.0 | Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/melrose-terrace | |
| 08-Nov-21 | 3927 Melrose | | | 0 | 0 | 11 | 7.46 | 0.06 | 218.9 | 0.22 | 455.0 | | |
| 15-Nov-21 | 3927 Melrose | | | 0 | 0 | 9 | 7.65 | 0.04 | 222.0 | 0.22 | 459.0 | | |
| 22-Nov-21 | 3927 Melrose | | | 0 | 0 | 8 | 7.64 | 0.04 | 221.0 | 0.22 | 459.0 | | |
| 29-Nov-21 | 3927 Melrose | | | 0 | 0 | 8 | 7.06 | 0.03 | 221.0 | 0.22 | 458.0 | | |
| CDN Drinking Water Guidelines | | <1 | <1 | <1 | <1 | n/a | 7.0-10.5 | n/a | 500 | n/a | n/a | 0.3 | 0.02 AO 0.12 MAC |

Legend:

* Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)

Orange font indicates non-compliance with the Aesthetic Objective (AO) in the Canadian Drinking Water Guidelines (CDWG)

Red font indicates non-compliance with the Maximum Acceptable Concentration (MAC) in the CDWG

Comments:

Iron and Manganese are no longer being tested in-house.

A full potability scan is completed once per year at an external lab that includes metals and minerals.



Regional District of Nanaimo - Water Services Department

Melrose Water Analysis - 2021 Monthly Report

| Date | Sample Location (Address) | BC Centre for Disease Control | | RDN In-House Laboratory and Spectrophotometer | | | | | | | | | |
|-------------------------------|---------------------------|-------------------------------|------------------|---|------------------|------------|----------|-------------------------------|-------------------------------|--------------|----------------------|--|---------------------|
| | | E. coli * | Total Coliform * | E.coli * | Total Coliform * | Temp. (°C) | pH | Free Chlorine Residual (mg/L) | Total Dissolved Solids (mg/L) | Salinity (%) | Conductivity (µS/cm) | Total Iron (mg/L) | Manganese (mg/L) |
| 05-Oct-21 | 3927 Melrose | 0 | 0 | 0 | 0 | 15 | 7.61 | 0.05 | 214.8 | 0.21 | 445.0 | Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/melrose-terrace | |
| 13-Oct-21 | 3927 Melrose | | | 0 | 0 | 14 | 7.65 | 0.01 | 216.0 | 0.21 | 447.0 | | |
| 18-Oct-21 | 3927 Melrose | | | 0 | 0 | 14 | 7.32 | 0.04 | 213.8 | 0.21 | 443.0 | | |
| 25-Oct-21 | 3927 Melrose | | | 0 | 0 | 13 | 7.72 | 0.04 | 214.8 | 0.21 | 445.0 | | |
| | | | | | | | | | | | | | |
| CDN Drinking Water Guidelines | | <1 | <1 | <1 | <1 | n/a | 7.0-10.5 | n/a | 500 | n/a | n/a | 0.3 | 0.02 AO 0.12 MAC |

Legend:

* Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)

Orange font indicates non-compliance with the Aesthetic Objective (AO) in the Canadian Drinking Water Guidelines (CDWG)

Red font indicates non-compliance with the Maximum Acceptable Concentration (MAC) in the CDWG

Comments:

Iron and Manganese are no longer being tested in-house.

A full potability scan is completed once per year at an external lab that includes metals and minerals.



Regional District of Nanaimo - Water Services Department

Melrose Water Analysis - 2021 Monthly Report

| Date | Sample Location (Address) | BC Centre for Disease Control | | RDN In-House Laboratory and Spectrophotometer | | | | | | | | | |
|-------------------------------|---------------------------|-------------------------------|------------------|---|------------------|------------|----------|-------------------------------|-------------------------------|--------------|----------------------|--|---------------------|
| | | E. coli * | Total Coliform * | E.coli * | Total Coliform * | Temp. (°C) | pH | Free Chlorine Residual (mg/L) | Total Dissolved Solids (mg/L) | Salinity (%) | Conductivity (µS/cm) | Total Iron (mg/L) | Manganese (mg/L) |
| 07-Sep-21 | 3927 Melrose | 0 | 0 | 0 | 0 | 17 | 7.66 | 0.05 | 208.0 | 0.24 | 440.0 | Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/melrose-terrace | |
| 13-Sep-21 | 3927 Melrose | | | 0 | 0 | 18 | 7.29 | 0.04 | 218.0 | 0.22 | 444.0 | | |
| 20-Sep-21 | 3927 Melrose | | | 0 | 0 | 17 | 7.46 | 0.03 | 209.2 | 0.21 | 434.0 | | |
| 28-Sep-21 | 3927 Melrose | | | 0 | 0 | 16 | 7.71 | 0.02 | 215.0 | 0.21 | 444.0 | | |
| | | | | | | | | | | | | | |
| CDN Drinking Water Guidelines | | <1 | <1 | <1 | <1 | n/a | 7.0-10.5 | n/a | 500 | n/a | n/a | 0.3 | 0.02 AO 0.12 MAC |

Legend:

* Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)

Orange font indicates non-compliance with the Aesthetic Objective (AO) in the Canadian Drinking Water Guidelines (CDWG)

Red font indicates non-compliance with the Maximum Acceptable Concentration (MAC) in the CDWG

Comments:

Iron and Manganese are no longer being tested in-house.

A full potability scan is completed once per year at an external lab that includes metals and minerals.



Regional District of Nanaimo - Water Services Department

Melrose Water Analysis - 2021 Monthly Report

| Date | Sample Location (Address) | BC Centre for Disease Control | | RDN In-House Laboratory and Spectrophotometer | | | | | | | | | |
|-------------------------------|---------------------------|-------------------------------|------------------|---|------------------|------------|----------|-------------------------------|-------------------------------|--------------|----------------------|--|---------------------|
| | | E. coli * | Total Coliform * | E.coli * | Total Coliform * | Temp. (°C) | pH | Free Chlorine Residual (mg/L) | Total Dissolved Solids (mg/L) | Salinity (%) | Conductivity (µS/cm) | Total Iron (mg/L) | Manganese (mg/L) |
| 03-Aug-21 | 3927 Melrose | 0 | 0 | 0 | 0 | | 7.21 | 0.06 | 208.0 | 0.21 | 432.0 | Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/melrose-terrace | |
| 09-Aug-21 | 3927 Melrose | | | 0 | 0 | 21 | 7.20 | 0.03 | 212.0 | 0.21 | 439.0 | | |
| 16-Aug-21 | 3927 Melrose | | | 0 | 0 | 20 | 7.28 | 0.03 | 209.0 | 0.21 | 433.0 | | |
| 23-Aug-21 | 3927 Melrose | | | 0 | 0 | 20 | 7.36 | 0.04 | 208.0 | 0.21 | 431.0 | | |
| 30-Aug-21 | 3927 Melrose | | | 0 | 0 | 19 | 7.27 | 0.04 | 211.0 | 0.21 | 439.0 | | |
| CDN Drinking Water Guidelines | | <1 | <1 | <1 | <1 | n/a | 7.0-10.5 | n/a | 500 | n/a | n/a | 0.3 | 0.02 AO 0.12 MAC |

Legend:

* Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)

Orange font indicates non-compliance with the Aesthetic Objective (AO) in the Canadian Drinking Water Guidelines (CDWG)

Red font indicates non-compliance with the Maximum Acceptable Concentration (MAC) in the CDWG

Comments:

Iron and Manganese are no longer being tested in-house.

A full potability scan is completed once per year at an external lab that includes metals and minerals.



Regional District of Nanaimo - Water Services Department

Melrose Water Analysis - 2021 Monthly Report

| Date | Sample Location (Address) | BC Centre for Disease Control | | RDN In-House Laboratory and Spectrophotometer | | | | | | | | | |
|-------------------------------|---------------------------|-------------------------------|------------------|---|------------------|------------|----------|-------------------------------|-------------------------------|--------------|----------------------|--|---------------------|
| | | E. coli * | Total Coliform * | E.coli * | Total Coliform * | Temp. (°C) | pH | Free Chlorine Residual (mg/L) | Total Dissolved Solids (mg/L) | Salinity (%) | Conductivity (µS/cm) | Total Iron (mg/L) | Manganese (mg/L) |
| 06-Jul-21 | 3927 Melrose | 0 | 0 | 0 | 0 | 21 | 7.01 | 0.02 | 215.4 | 0.21 | 447.0 | Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/melrose-terrace | |
| 12-Jul-21 | 3927 Melrose | | | 0 | 0 | 19 | 7.04 | 0.03 | 216.9 | 0.22 | 451.0 | | |
| 19-Jul-21 | 3927 Melrose | | | 0 | 0 | 20 | 7.21 | 0.02 | 213.0 | 0.21 | 441.0 | | |
| 27-Jul-21 | 3928 Melrose | | | 0 | 0 | 19 | 7.09 | 0.01 | 218.0 | 0.22 | 452.0 | | |
| CDN Drinking Water Guidelines | | <1 | <1 | <1 | <1 | n/a | 7.0-10.5 | n/a | 500 | n/a | n/a | 0.3 | 0.02 AO 0.12 MAC |

Legend:

* Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)

Orange font indicates non-compliance with the Aesthetic Objective (AO) in the Canadian Drinking Water Guidelines (CDWG)

Red font indicates non-compliance with the Maximum Acceptable Concentration (MAC) in the CDWG

Comments:

Iron and Manganese are no longer being tested in-house.

A full potability scan is completed once per year at an external lab that includes metals and minerals.



Regional District of Nanaimo - Water Services Department

Melrose Water Analysis - 2021 Monthly Report

| Date | Sample Location (Address) | BC Centre for Disease Control | | RDN In-House Laboratory and Spectrophotometer | | | | | | | | | |
|-------------------------------|---------------------------|-------------------------------|------------------|---|------------------|------------|----------|-------------------------------|-------------------------------|--------------|----------------------|--|---------------------|
| | | E. coli * | Total Coliform * | E.coli * | Total Coliform * | Temp. (°C) | pH | Free Chlorine Residual (mg/L) | Total Dissolved Solids (mg/L) | Salinity (%) | Conductivity (µS/cm) | Total Iron (mg/L) | Manganese (mg/L) |
| 01-Jun-21 | 3927 Melrose | 0 | 0 | 0 | 0 | 13 | 7.20 | 0.05 | 221.0 | 0.22 | 458.0 | Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/melrose-terrace | |
| 07-Jun-21 | 3927 Melrose | | | 0 | 0 | 14 | 7.35 | 0.04 | 222.0 | 0.22 | 459.0 | | |
| 14-Jun-21 | 3927 Melrose | | | 0 | 0 | 14 | 7.27 | 0.02 | 218.0 | 0.22 | 453.0 | | |
| 21-Jun-21 | 3927 Melrose | | | 0 | 0 | 16 | 7.17 | 0.05 | 217.0 | 0.22 | 450.0 | | |
| 29-Jun-21 | 3927 Melrose | 0 | 0 | 0 | 0 | 18 | 6.79 | 0.01 | 216.7 | 0.22 | 448.0 | | |
| CDN Drinking Water Guidelines | | <1 | <1 | <1 | <1 | n/a | 7.0-10.5 | n/a | 500 | n/a | n/a | 0.3 | 0.02 AO 0.12 MAC |

Legend:

* Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)

Green font indicates a value flagged for operational considerations

Orange font indicates non-compliance with the Aesthetic Objective (AO) in the Canadian Drinking Water Guidelines (CDWG)

Red font indicates non-compliance with the Maximum Acceptable Concentration (MAC) in the CDWG

Comments:

Iron and Manganese are no longer being tested in-house.

A full potability scan is completed once per year at an external lab that includes metals and minerals.

Notes below about pH (2015) from https://www.canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/water-quality/guidelines-canadian-drinking-water-quality-summary-table.html#_ftn1

| Type | Parameter (published, reaffirmed) | MAC (mg/L) | Other value (mg/L) | Common sources of parameter in water | Health considerations | Comments |
|-------------------|-----------------------------------|------------|--------------------|--------------------------------------|-----------------------|---|
| Treatment-related | pH (2015) | None | 7.0-10.5 | Not applicable | Not applicable | The control of pH is important to maximize treatment effectiveness, control corrosion and reduce leaching from distribution system and plumbing components. |



Regional District of Nanaimo - Water Services Department

Melrose Water Analysis - 2021 Monthly Report

| Date | Sample Location (Address) | BC Centre for Disease Control | | RDN In-House Laboratory and Spectrophotometer | | | | | | | | | |
|-------------------------------|---------------------------|-------------------------------|------------------|---|------------------|------------|----------|-------------------------------|-------------------------------|--------------|----------------------|--|---------------------|
| | | E. coli * | Total Coliform * | E.coli * | Total Coliform * | Temp. (°C) | pH | Free Chlorine Residual (mg/L) | Total Dissolved Solids (mg/L) | Salinity (%) | Conductivity (µS/cm) | Total Iron (mg/L) | Manganese (mg/L) |
| 03-May-21 | 3927 Melrose | 0 | 0 | 0 | 0 | 11 | 7.20 | 0.03 | 215.0 | 0.22 | 446.0 | Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/melrose-terrace | |
| 10-May-21 | 3927 Melrose | | | 0 | 0 | 10 | 7.21 | 0.04 | 221.0 | 0.22 | 457.0 | | |
| 17-May-21 | 3927 Melrose | | | 0 | 0 | 11 | 7.18 | 0.03 | 221.0 | 0.22 | 457.0 | | |
| 25-May-21 | 3927 Melrose | | | 0 | 0 | 13 | 7.16 | 0.05 | 218.0 | 0.21 | 444.0 | | |
| | | | | | | | | | | | | | |
| CDN Drinking Water Guidelines | | <1 | <1 | <1 | <1 | n/a | 7.0-10.5 | n/a | 500 | n/a | n/a | 0.3 | 0.02 AO 0.12 MAC |

Legend:

* Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)

Orange font indicates non-compliance with the Aesthetic Objective (AO) in the Canadian Drinking Water Guidelines (CDWG)

Red font indicates non-compliance with the Maximum Acceptable Concentration (MAC) in the CDWG

Comments:

Iron and Manganese are no longer being tested in-house.

A full potability scan is completed once per year at an external lab that includes metals and minerals.



Regional District of Nanaimo - Water Services Department

Melrose Water Analysis - 2021 Monthly Report

| Date | Sample Location (Address) | BC Centre for Disease Control | | RDN In-House Laboratory and Spectrophotometer | | | | | | | | | |
|-------------------------------|---------------------------|-------------------------------|------------------|---|------------------|------------|----------|-------------------------------|-------------------------------|--------------|----------------------|--|---------------------|
| | | E. coli * | Total Coliform * | E.coli * | Total Coliform * | Temp. (°C) | pH | Free Chlorine Residual (mg/L) | Total Dissolved Solids (mg/L) | Salinity (%) | Conductivity (µS/cm) | Total Iron (mg/L) | Manganese (mg/L) |
| 06-Apr-21 | 3927 Melrose | 0 | 0 | 0 | 0 | 8 | 6.62 | 0.03 | 211.2 | 0.21 | 438.0 | Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/melrose-terrace | |
| 12-Apr-21 | 3927 Melrose | | | 0 | 0 | 9 | 7.15 | 0.03 | 212.0 | 0.21 | 440.0 | | |
| 19-Apr-21 | 3927 Melrose | | | 0 | 0 | 9 | 7.14 | 0.06 | 215.0 | 0.21 | 455.0 | | |
| 28-Apr-21 | 3927 Melrose | | | 0 | 0 | 10 | 7.26 | 0.02 | 210.0 | 0.21 | 434.0 | | |
| | | | | | | | | | | | | | |
| CDN Drinking Water Guidelines | | <1 | <1 | <1 | <1 | n/a | 7.0-10.5 | n/a | 500 | n/a | n/a | 0.3 | 0.02 AO 0.12 MAC |

Legend:

* Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)

Green font indicates a value flagged for operational considerations

Orange font indicates non-compliance with the Aesthetic Objective (AO) in the Canadian Drinking Water Guidelines (CDWG)

Red font indicates non-compliance with the Maximum Acceptable Concentration (MAC) in the CDWG

Comments:

Iron and Manganese are no longer being tested in-house.

A full potability scan is completed once per year at an external lab that includes metals and minerals.

Notes below about pH (2015) from https://www.canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/water-quality/guidelines-canadian-drinking-water-quality-summary-table.html#_ftn1

| Type | Parameter (published, reaffirmed) | MAC (mg/L) | Other value (mg/L) | Common sources of parameter in water | Health considerations | Comments |
|-------------------|-----------------------------------|------------|--------------------|--------------------------------------|-----------------------|---|
| Treatment-related | pH (2015) | None | 7.0-10.5 | Not applicable | Not applicable | The control of pH is important to maximize treatment effectiveness, control corrosion and reduce leaching from distribution system and plumbing components. |



Regional District of Nanaimo - Water Services Department

Melrose Water Analysis - 2021 Monthly Report

| Date | Sample Location (Address) | BC Centre for Disease Control | | RDN In-House Laboratory and Spectrophotometer | | | | | | | | | |
|-------------------------------|---------------------------|-------------------------------|------------------|---|------------------|------------|----------|-------------------------------|-------------------------------|--------------|----------------------|--|---------------------|
| | | E. coli * | Total Coliform * | E.coli * | Total Coliform * | Temp. (°C) | pH | Free Chlorine Residual (mg/L) | Total Dissolved Solids (mg/L) | Salinity (%) | Conductivity (µS/cm) | Total Iron (mg/L) | Manganese (mg/L) |
| 03-Mar-21 | 3927 Melrose | 0 | 0 | 0 | 0 | 6 | 7.35 | 0.06 | 207.0 | 0.21 | 427.0 | Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/melrose-terrace | |
| 08-Mar-21 | 3927 Melrose | | | 0 | 0 | 7 | 7.40 | 0.02 | 210.0 | 0.21 | 435.0 | | |
| 15-Mar-21 | 3927 Melrose | | | 0 | 0 | 7 | 7.18 | 0.02 | 211.0 | 0.21 | 438.0 | | |
| 22-Mar-21 | 3927 Melrose | | | 0 | 0 | 7 | 7.20 | 0.08 | 208.0 | 0.20 | 429.0 | | |
| 28-Mar-21 | 3827 Melrose | | | 0 | 0 | 7 | 7.30 | 0.02 | 209.0 | 0.21 | 433.0 | | |
| CDN Drinking Water Guidelines | | <1 | <1 | <1 | <1 | n/a | 7.0-10.5 | n/a | 500 | n/a | n/a | 0.3 | 0.02 AO 0.12 MAC |

Legend:

* Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)

Orange font indicates non-compliance with the Aesthetic Objective (AO) in the Canadian Drinking Water Guidelines (CDWG)

Red font indicates non-compliance with the Maximum Acceptable Concentration (MAC) in the CDWG

Comments:

Iron and Manganese are no longer being tested in-house.

A full potability scan is completed once per year at an external lab that includes metals and minerals.



Regional District of Nanaimo - Water Services Department

Melrose Water Analysis - 2021 Monthly Report

| Date | Sample Location (Address) | BC Centre for Disease Control | | RDN In-House Laboratory and Spectrophotometer | | | | | | | | | |
|-------------------------------|---------------------------|-------------------------------|------------------|---|------------------|------------|----------|-------------------------------|-------------------------------|--------------|----------------------|--|---------------------|
| | | E. coli * | Total Coliform * | E.coli * | Total Coliform * | Temp. (°C) | pH | Free Chlorine Residual (mg/L) | Total Dissolved Solids (mg/L) | Salinity (%) | Conductivity (µS/cm) | Total Iron (mg/L) | Manganese (mg/L) |
| 03-Feb-21 | 3927 Melrose | 0 | 0 | 0 | 0 | 6 | 7.04 | 0.02 | 218.0 | 0.22 | 453.0 | Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/melrose-terrace | |
| 08-Feb-21 | 3927 Melrose | | | 0 | 0 | 7 | 7.44 | 0.06 | 212.0 | 0.21 | 440.0 | | |
| 17-Feb-21 | 3927 Melrose | | | 0 | 0 | 6 | 7.25 | 0.07 | 206.9 | 0.21 | 429.0 | | |
| 22-Feb-21 | 3927 Melrose | | | 0 | 0 | 8 | 7.42 | 0.03 | 205.4 | 0.21 | 426.0 | | |
| | | | | | | | | | | | | | |
| CDN Drinking Water Guidelines | | <1 | <1 | <1 | <1 | n/a | 7.0-10.5 | n/a | 500 | n/a | n/a | 0.3 | 0.02 AO 0.12 MAC |

Legend:

* Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)

Orange font indicates non-compliance with the Aesthetic Objective (AO) in the Canadian Drinking Water Guidelines (CDWG)

Red font indicates non-compliance with the Maximum Acceptable Concentration (MAC) in the CDWG

Comments:

Iron and Manganese are no longer being tested in-house.

A full potability scan is completed once per year at an external lab that includes metals and minerals.



Regional District of Nanaimo - Water Services Department

Melrose Water Analysis - 2021 Monthly Report

| Date | Sample Location (Address) | BC Centre for Disease Control | | RDN In-House Laboratory and Spectrophotometer | | | | | | | | | |
|-------------------------------|---------------------------|-------------------------------|------------------|---|------------------|------------|----------|-------------------------------|-------------------------------|--------------|----------------------|--|---------------------|
| | | E. coli * | Total Coliform * | E.coli * | Total Coliform * | Temp. (°C) | pH | Free Chlorine Residual (mg/L) | Total Dissolved Solids (mg/L) | Salinity (%) | Conductivity (µS/cm) | Total Iron (mg/L) | Manganese (mg/L) |
| 06-Jan-21 | 3927 Melrose | 0 | 0 | 0 | 0 | 7 | 7.20 | 0.09 | 215.0 | 0.21 | 446.0 | Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/melrose-terrace | |
| 11-Jan-21 | 3927 Melrose | | | 0 | 0 | 7.5 | 7.21 | 0.05 | 217.0 | 0.22 | 449.0 | | |
| 18-Jan-21 | 3927 Melrose | | | 0 | 0 | 7 | 7.24 | 0.10 | 221.0 | 0.22 | 457.0 | | |
| 25-Jan-21 | 3927 Melrose | | | 0 | 0 | 8 | 7.24 | 0.02 | 218.0 | 0.22 | 451.0 | | |
| CDN Drinking Water Guidelines | | <1 | <1 | <1 | <1 | n/a | 7.0-10.5 | n/a | 500 | n/a | n/a | 0.3 | 0.02 AO 0.12 MAC |

Legend:

* Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)

Orange font indicates non-compliance with the Aesthetic Objective (AO) in the Canadian Drinking Water Guidelines (CDWG)

Red font indicates non-compliance with the Maximum Acceptable Concentration (MAC) in the CDWG

Comments:

Iron and Manganese are no longer being tested in-house.

A full potability scan is completed once per year at an external lab that includes metals and minerals.