

Langelier Index Summary for Public Water Supplies in
Newfoundland and Labrador

| Community Name | Serviced Area | Source Name | Sample Date | Langelier Index |
|----------------------|--|---|--------------|-----------------|
| Admirals Beach | Admiral's Beach | 2 Well Fields | Jun 04, 2025 | -0.32 |
| Appleton | Appleton (+Glenwood) | Gander Lake (The Outflow) | Jun 10, 2025 | -5.64 |
| Badger | Badger | Well Field, 2 wells on standby | May 20, 2025 | -1.54 |
| Baine Harbour | Baine Harbour | Dug | Jun 17, 2025 | -3.07 |
| Barachois Brook | Barachois Brook | Drilled | Jun 13, 2025 | -0.89 |
| Bartletts Harbour | Bartletts Harbour | Long Pond (same as Castors River North) | Jun 18, 2025 | -0.47 |
| Bauline | Bauline | #1 Brook Path Well | Jun 02, 2025 | -1.18 |
| Bay Roberts | Bay Roberts | Rocky Pond | May 21, 2025 | -4.69 |
| Bay St. George South | Heatherton | #1 Well Heatherton (Home Hardware) | Jun 19, 2025 | 0.56 |
| Bay St. George South | Highlands | #3 Brian Pumphrey Well Highlands | Jun 06, 2025 | -0.44 |
| Bay St. George South | Jeffrey's | #2 Well Jeffery's (Calvin Madore) | Jun 06, 2025 | -0.13 |
| Bay St. George South | Jeffrey's | #1 Well Jeffery's (Joe Curnew) | Jun 06, 2025 | -0.25 |
| Bay St. George South | Jeffrey's | #3 Well Jeffery's (Sid Shears) | Jun 06, 2025 | -0.26 |
| Bay St. George South | Jeffrey's | #4 Well Jeffery's - Jack Harris | Jun 06, 2025 | -0.03 |
| Bay St. George South | Lock Leven | #6 Well Loch Leven (Jerry Quilty) | Jun 06, 2025 | 0.24 |
| Bay St. George South | McKay's | #2B Lions Club Well | Jun 06, 2025 | 0.12 |
| Bay St. George South | McKay's | #7 Well McKay's (Gordon Hulan) | Jun 06, 2025 | 0.12 |
| Bay St. George South | McKay's | #3 Woodworth Well McKay's | Jun 06, 2025 | -0.37 |
| Bay St. George South | Robinson's | #3 Well Robinson's (Gales) | Jun 06, 2025 | -0.03 |
| Bay St. George South | Robinson's | #1 Well Robinson's (Louie MacDonald) | Jun 06, 2025 | 0.28 |
| Bay St. George South | St. Fintan's | #2 Well St. Fintan's (Louis King) | Jun 06, 2025 | 0.20 |
| Bay St. George South | St. Fintan's, St. David's | #1 Well St. Fintan's (The Y) | Jun 06, 2025 | -0.01 |
| Bear Cove | Bear Cove | Lower Bear Cove | Jun 17, 2025 | -0.35 |
| Benoit's Siding | Benoit's Siding (aka Bennett's Siding) | Drilled | Jun 09, 2025 | 0.00 |
| Benoit's Siding | Doyles | # 2 Well Doyles | Jun 09, 2025 | -0.06 |
| Birchy Bay | Birchy Bay | Jumper's Pond | May 26, 2025 | -2.57 |
| Bishop's Falls | Bishop's Falls | Northern Arm Lake | May 20, 2025 | -3.14 |
| Black Duck | Black Duck (Siding) | #2 Well | Jun 27, 2025 | -0.41 |
| Black Duck Cove | Black Duck Cove | Long Pond - Black Duck Cove Intake | Jun 17, 2025 | -0.91 |
| Blaketown | Blaketown | #2 Daphne Pincent Well | Jun 12, 2025 | -0.72 |
| Blaketown | Blaketown Centre | #3 Fred Osborne Well | May 29, 2025 | -0.16 |
| Blaketown | Blaketown North | #4 Hilda Barrett Well | May 29, 2025 | -0.39 |
| Blaketown | Blaketown South | #1 Selby Mercer Well | May 29, 2025 | -1.67 |
| Branch | Branch | Drilled Wells | Jun 30, 2025 | -0.25 |

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| Brent's Cove | Brent's Cove | Paddy's Pond | Jun 03, 2025 | -5.08 |
| Brigus South | Forge Hill area | #1 Well Forge Hill | Jun 10, 2025 | -0.17 |
| Brigus South | Near highway | #3 Well Main Road | Jun 10, 2025 | -2.81 |
| Bryant's Cove | Bryant's Cove South Side | #1 Well - Bert James Well #2 Well - Baxter Bowering Well | Jun 10, 2025 | -0.62 |
| Bunyan's Cove | Bunyan's Cove | #1 Wellfield | May 28, 2025 | -2.16 |
| Canning's Cove | Centre Canning's Cove | #3 Well - Glenda Penney | Jun 16, 2025 | -1.39 |
| Canning's Cove | Lower Canning's Cove | #1 Well - Pleman Pitts | Jun 16, 2025 | -0.91 |
| Canning's Cove | Upper Canning's Cove | #2 Well - Eugene Ellis | Jun 16, 2025 | -0.48 |
| Castor River North | Castor River North | Long Pond (same as Bartletts Harbour) | Jun 18, 2025 | -0.45 |
| Castor River South | Castor River South | Unnamed | Jun 18, 2025 | -0.01 |
| Cavendish | North Side Cavendish | #1 Well - Max Bishop | Jun 25, 2025 | -0.44 |
| Cavendish | North Side Cavendish | #2 Well - Tom Critch | Jun 25, 2025 | -0.55 |
| Chance Cove | Back Cove Area | Olive Smith Well | May 28, 2025 | -1.11 |
| Chance Cove | Lower Cove | #5B Albert Rowe Well | May 28, 2025 | -0.29 |
| Chance Cove | New Housing Area | New Housing Area Well | Jun 20, 2025 | -0.29 |
| Chance Cove | New Housing Area | New Housing Area Well | May 29, 2025 | -0.34 |
| Chance Cove | Upper Cove | Hollett's Well | May 28, 2025 | -2.35 |
| Change Islands | Change Islands - PWDU | #1 Fox Cove Well | Jun 04, 2025 | -3.86 |
| Channel-Port aux Basques | Channel-Port Aux Basques | Gull Pond & Wilcox Pond | May 16, 2025 | -3.92 |
| Channel-Port aux Basques | Channel-Port Aux Basques | Gull Pond & Wilcox Pond | Jun 19, 2025 | -2.82 |
| Channel-Port aux Basques | Channel-Port Aux Basques | Gull Pond & Wilcox Pond | Jun 19, 2025 | -2.84 |
| Channel-Port aux Basques | Channel-Port Aux Basques | Gull Pond & Wilcox Pond | Jun 19, 2025 | -2.78 |
| Clarenville | Clarenville, Shoal Harbour | Shoal Harbour River | May 27, 2025 | -2.30 |
| Clarke's Beach | Otterbury | #2 Well - Delaney Well | Jun 10, 2025 | -0.37 |
| Colliers | Harbour Drive | #4 Well - Flynn's Well | Jun 18, 2025 | -0.47 |
| Colliers | Harbour Drive & Main Road | #3 Well - Griffin's Well | Jun 18, 2025 | -0.46 |
| Colliers | Merrigan's Lane + Main Rd | #2 Well - Merrigan's Well | Jun 19, 2025 | -0.20 |
| Conception Bay South | Conception Bay South | Bay Bulls Big Pond | May 21, 2025 | -1.95 |
| Conception Bay South | Conception Bay South | Bay Bulls Big Pond | Jun 26, 2025 | -1.83 |
| Conception Harbour | Cemetery Road & Main Road | Cemetery Road Well | Jun 12, 2025 | -0.57 |
| Conception Harbour | Healey's Pond Rd, Old Rd & Main Rd | Healey's Pond Road Well | Jun 18, 2025 | -0.93 |
| Conception Harbour | Lower Bacon Cove | Lower Bacon Cove Well | Jun 12, 2025 | -0.09 |
| Conception Harbour | Old Road and Coles Crescent | Old Road Well | Jun 18, 2025 | -0.35 |
| Conception Harbour | Upper Bacon Cove, Kitchuses | Upper Bacon Cove Well | Jun 12, 2025 | 0.04 |
| Corner Brook | Corner Brook (+Massey Drive, +Mount Moriah) | Trout Pond, Third Pond (2 intakes) | Jun 02, 2025 | -1.78 |
| Cox's Cove | Upper Area | Upper Area Wellfield | Jun 02, 2025 | -0.09 |

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|-------------------------------------|--|---|--------------|-----------------|
| Eastport | Eastport (+Sandy Cove) | Dug | May 26, 2025 | -2.59 |
| Eddies Cove West | Eddies Cove West | Unnamed | Jun 18, 2025 | -0.09 |
| Fermeuse | Fermeuse | Port Kirwan Road Well | Jun 06, 2025 | -0.29 |
| Flat Bay | Flat Bay (East) | #1 Well | Jun 13, 2025 | -0.68 |
| Flat Bay | Flat Bay (East) | #3 Well | Jun 13, 2025 | -0.88 |
| Flat Bay West | Flat Bay West | #3 Well | Jun 13, 2025 | -0.67 |
| Fleur de Lys | Fleur De Lys | First Pond, Narrow Pond | Jun 03, 2025 | -3.97 |
| Fox Roost-Margaree | Fox Roost-Margaree | Drilled Well and Margaree Pond | May 16, 2025 | -6.87 |
| Fox Roost-Margaree | Fox Roost-Margaree - PWDU | Drilled Well and Margaree Pond | May 16, 2025 | -6.75 |
| Frenchman's Cove | Frenchman's Cove | Dug Well | Jun 18, 2025 | -4.03 |
| Freshwater | Freshwater (Carbonear) | #3 Well - Wallace Snow Well | Jun 11, 2025 | -0.34 |
| Freshwater | Freshwater (Carbonear) | #2 Well - Covage's Lane Well | Jun 11, 2025 | -1.19 |
| Gander | Gander | Gander Lake | Jun 10, 2025 | -2.80 |
| Georgetown | Georgetown | Drilled | Jun 19, 2025 | -0.90 |
| Grand Falls-Windsor | Grand Falls-Windsor (+Bishop's Falls, +Wooddale, +Botwood, +Peterview) | Northern Arm Lake | May 20, 2025 | -2.96 |
| Grates Cove | Grates Cove Centre | #1C Well | May 27, 2025 | -0.33 |
| Grates Cove | Grates Cove North End | #3 Frank Janes Well | May 27, 2025 | -0.46 |
| Grates Cove | Grates Cove South End | #4 Stoyles Hill Well | May 27, 2025 | -0.53 |
| Great Codroy | Great Codroy East | #1 Well | Jun 09, 2025 | -0.11 |
| Great Codroy | Great Codroy West | #2 Well | Jun 09, 2025 | 0.48 |
| Happy Valley-Goose Bay | Happy Valley-Goose Bay | Well Field (connect summer 2002) | May 22, 2025 | -1.97 |
| Happy Valley-Goose Bay | Happy Valley-Goose Bay | Spring Gulch | May 22, 2025 | -2.95 |
| Harbour Grace | Harbour Grace South Lower | New Southside Well (Well#3) | Jun 10, 2025 | -0.52 |
| Harbour Grace | Harbour Grace South Upper | Southside Wellfield (Well #1 & #2) | Jun 10, 2025 | -0.25 |
| Harbour Grace | Riverhead | Mercer's Rd. Well | Jun 10, 2025 | -0.61 |
| Harbour Grace | Thickett | #1 Thicket Susie Galway Well | Jun 10, 2025 | -1.44 |
| Harbour Main-Chapel's Cove-Lakeview | Harbour Main, Chapel's Cove, Lakeview | Holden's Road Well | Jun 18, 2025 | -0.94 |
| Harbour Main-Chapel's Cove-Lakeview | Harbour Main, Chapel's Cove, Lakeview | Flynn's Hill Well | Jun 12, 2025 | -0.42 |
| Harbour Mille-Little Harbour East | Harbour Mille, Little Harbour East (Fortune Bay) | Well | Jun 20, 2025 | -0.43 |
| Harry's Harbour | Harry's Harbour | #1C Well - Northeast Well | May 22, 2025 | -0.71 |
| Harry's Harbour | Harry's Harbour | #3 Well - South Well | May 22, 2025 | -0.22 |
| Harry's Harbour | Harry's Harbour | #2 Well - Northwest Hill / Country Road | May 22, 2025 | -0.22 |
| Heart's Content | Heart's Content | Southern Cove Pond | Jun 12, 2025 | -4.90 |

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|--|--------------------------------------|---|--------------|-----------------|
| Holyrood | Holyrood | O'Connell's Well | Jun 11, 2025 | 0.12 |
| Holyrood | Holyrood | Main Line | Jun 11, 2025 | 0.02 |
| Holyrood | Holyrood | Woodford Station - Healey's Well and Quinlan's Well | Jun 11, 2025 | 0.18 |
| Hopeall | Gilberts Hill | Gilberts Hill Well | Jun 25, 2025 | -0.98 |
| Hopeall | Hopeall | Charles Cumby Well | Jun 25, 2025 | -0.79 |
| Humber Arm South | Frenchman's Cove Area | Gurges Pond | Jun 02, 2025 | -2.44 |
| Jackson's Cove-Langdon's Cove-Silverdale | Langdon's Cove | #3 Well Langdon's Cove Well | May 22, 2025 | -0.30 |
| Jean de Baie | Jean de Baie | #1 Well | Jun 17, 2025 | -1.26 |
| Kippens | Kippens | Well Field | Jun 27, 2025 | 0.10 |
| Labrador City | Labrador City | Beverly Lake | Jun 05, 2025 | -1.33 |
| Lance Cove | Lance Cove | Local Service District Well | Jun 24, 2025 | -0.27 |
| Lewisporte | Lewisporte | Stanhope Pond | May 26, 2025 | -4.01 |
| Mainland | Mainland | Caribou Brook | Jun 24, 2025 | 0.20 |
| Makinsons | Hodgewater Line East & Juniper Stump | Taylor's Wells | Jun 20, 2025 | -0.20 |
| Makinsons | Turkswater & Hodgewater Line West | Country Path Wells | Jun 20, 2025 | -0.45 |
| Marystow | Marystow | Fox Hill Reservoir / Clam Pond | Jun 20, 2025 | -3.09 |
| Mattis Point | Mattis Point | Drilled | Jun 13, 2025 | -0.67 |
| Ming's Bight | Ming's Bight | Middle Brook Pond | Jun 03, 2025 | -2.56 |
| Mount Pearl | Mount Pearl | Bay Bulls Big Pond | Jun 26, 2025 | -1.92 |
| New Harbour | New Harbour | Williams Hill Well | Jun 12, 2025 | -0.23 |
| Norris Arm | Norris Arm (south) | Mill Lake | May 26, 2025 | -4.49 |
| North West River | North West River | Wellfield (Well # 1 & Well # 2) | May 22, 2025 | -0.75 |
| O'Donnells | O'Donnell's | Well Field | Jun 04, 2025 | -0.41 |
| O'Regans East | O'Regan's East | Drilled | Jun 09, 2025 | -0.54 |
| Paradise | Paradise | Bay Bulls Big Pond | Jun 26, 2025 | -1.78 |
| Petley | Petley | Drilled + Dug Reservoir | May 28, 2025 | -1.08 |
| Point Lance | Point Lance | Unnamed Pond | Jun 30, 2025 | -3.38 |
| Point of Bay | Point of Bay | Indian Cove Pond | May 21, 2025 | -3.24 |
| Port Blandford | Port Blandford | Noseworthy's Pond | May 28, 2025 | -3.47 |
| Port Kirwan | North Side | Dug Well / Drilled Well | Jun 06, 2025 | -2.35 |
| Port Kirwan | Port Kirwan | Developed Spring | Jun 06, 2025 | -3.61 |
| Port Rexton | Champneys Arm | Champney's Arm Well | May 27, 2025 | -0.51 |
| Port Rexton | Hunchback Hill | #3 Well - Harold Vivian's Well | May 27, 2025 | -0.59 |
| Port Rexton | Port Rexton | #1 Well - Lois Long Well | May 27, 2025 | -0.57 |
| Port Rexton | Port Rexton (Seasonal Use) | #2 Well - Edmund Brown's Well | May 27, 2025 | -0.83 |
| Port Rexton | Ship Cove | #6 Well - Banister's Well | May 27, 2025 | -0.54 |

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| Port Rexton | Ship Cove | #5 Well - Mabel Clarke's Well | May 27, 2025 | -1.21 |
| Port au Port East | Port au Port East | Drilled Well - 75-80% Berry Head Watershed - 20-25% | Jun 27, 2025 | 0.06 |
| Port au Port West-Aguathuna-Felix Cove | Felix Cove | #4-Goose Pond Road Well | Jun 26, 2025 | 0.19 |
| Port au Port West-Aguathuna-Felix Cove | Felix Cove | #5 Ocean View Drive Well | Jun 26, 2025 | 0.24 |
| Port au Port West-Aguathuna-Felix Cove | Port au Port West, Aguathuna | #1 & #3 & #6 FatherJoy's Well | Jun 25, 2025 | 0.27 |
| Portugal Cove-St. Phillips | Portugal Cove-St. Phillips | Bay Bulls Big Pond | Jun 26, 2025 | -2.20 |
| Pouch Cove | Pouch Cove | North Three Island Pond | Jun 02, 2025 | -4.00 |
| Raleigh | Raleigh | #4 Well | Jun 17, 2025 | -0.15 |
| Ramea | Ramea | Northwest Pond | Jun 10, 2025 | -1.82 |
| Ramea | Ramea - PWDU | Northwest Pond | Jun 10, 2025 | -2.38 |
| Random Sound West | North West Brook, Ivany Cove | #3 Well - Harbour Well | Jun 16, 2025 | -0.75 |
| Random Sound West | North West Brook, Ivany Cove | #2 Well | Jun 16, 2025 | -0.85 |
| Red Harbour | Red Harbour | 1A Well Drilled + 1C Dug Well (back-up) | Jun 17, 2025 | -0.29 |
| Reidville | Reidville | Humber Canal, Grand Lake | May 30, 2025 | -3.48 |
| Renews-Cappahayden | Cappahayden | #1 Dinn's Well | Jun 06, 2025 | -0.36 |
| Riverhead | Riverhead (St. Mary's Bay) | Well Field | Jun 04, 2025 | -3.36 |
| Sandringham | Sandringham | Drilled | May 26, 2025 | -3.28 |
| Sandy Cove | Sandy Cove | Dug | May 26, 2025 | -2.56 |
| Sheaves Cove | Sheaves Cove | Drilled | Jun 25, 2025 | 0.13 |
| Sheppardville | Sheppardville | Drilled | May 20, 2025 | -0.86 |
| Sheshatshiu | Sheshatshui - Indian Band Council | Wells 1, 2 & 3 | May 22, 2025 | -0.68 |
| Ship Cove-Lower Cove-Jerry's Nose | Lower Cove | #6 Well - Lower Cove Well | Jun 25, 2025 | 0.06 |
| Ship Cove-Lower Cove-Jerry's Nose | Ship Cove East | #3 Well - Bernard Brake Well | Jun 25, 2025 | 0.12 |
| Ship Cove-Lower Cove-Jerry's Nose | Ship Cove, Jerry's Nose | #4B Well - Nancy Rowe Well | Jun 25, 2025 | 0.23 |
| Ship Cove-Lower Cove-Jerry's Nose | Ship Cove, Jerry's Nose | #1 Well - PJ's Variety Well | Jun 26, 2025 | 0.34 |
| Ship Cove-Lower Cove-Jerry's Nose | Ship Cove, Jerry's Nose | #2 Well - Howard & Rodney Jesso Well | Jun 25, 2025 | 0.35 |
| Small Point-Adam's Cove-Blackhead-Broad Cove | Adam's Cove | #1 Well - Reg Bursey Well | May 28, 2025 | -0.74 |
| Small Point-Adam's Cove-Blackhead-Broad Cove | Adam's Cove | #1 Well - Reg Bursey Well | May 28, 2025 | -0.77 |
| Small Point-Adam's Cove-Blackhead-Broad Cove | Blackhead + Adam's Cove | #4 Well - Leonard King Well | Jun 11, 2025 | -0.31 |
| Small Point-Adam's Cove-Blackhead-Broad Cove | Broad Cove | #6 Well - Herb Trickett Well | Jun 11, 2025 | -0.32 |

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| Small Point-Adam's Cove-Blackhead-Broad Cove | Small Point | #9 Well - Walter Reynolds Well | Jun 11, 2025 | -2.36 |
| South Dildo | South Dildo | #5 Well - Calvin Reid Well | Jun 12, 2025 | -0.57 |
| Springdale | Springdale Industrial Park | Well | May 22, 2025 | -0.28 |
| St. Alban's | St. Alban's | Well Field | Jun 03, 2025 | -3.57 |
| St. Andrews | Air Strip Road | #4 Well Strip Road Well | Jun 09, 2025 | 0.01 |
| St. Andrews | St. Andrew's | #1 Well | Jun 09, 2025 | -0.45 |
| St. Andrews | St. Andrew's | #2 Well | Jun 09, 2025 | -0.39 |
| St. Andrews | St. Andrew's East | #3 Well | Jun 09, 2025 | -0.60 |
| St. Anthony | St. Anthony | St. Anthony Pond | Jun 17, 2025 | -3.33 |
| St. George's | St. George's | Wellfield | Jun 13, 2025 | -1.39 |
| St. John's | St. John's | Petty Harbour Long Pond | Jun 25, 2025 | -0.75 |
| St. John's | St. John's | Windsor Lake | Jun 25, 2025 | -1.14 |
| St. John's | St. John's (+Mt. Pearl, +Paradise, +Portugal Cove-St. Phillips, +CBS) | Bay Bulls Big Pond | Jun 26, 2025 | -1.71 |
| St. Joseph's | St. Joseph's S.M.B. | Drilled | Jun 04, 2025 | -0.21 |
| St. Lunaire-Griquet | St. Lunaire-Griquet | Drilled | Jun 17, 2025 | -0.27 |
| St. Mary's | St. Mary's | Wellfield | Jun 04, 2025 | -0.51 |
| St. Patricks | St. Patricks | David Joy Well | May 22, 2025 | -0.35 |
| St. Pauls | St. Pauls | Two Mile Pond | May 28, 2025 | -1.24 |
| Stephenville | Stephenville | Well Field | Jun 27, 2025 | -0.07 |
| Stephenville Crossing | Stephenville Crossing | Well Fields 1 & 2 | Jun 27, 2025 | 0.00 |
| Sunnyside (T.B.) | Sunnyside | Center Cove River | Jun 11, 2025 | -3.73 |
| Sunnyside (T.B.) | Sunnyside | Center Cove River | May 22, 2025 | -3.93 |
| Swift Current | Swift Current (Hollett's Point) | Drilled | May 20, 2025 | -2.61 |
| Terrenceville | Terrenceville | Big Brook | Jun 20, 2025 | -3.79 |
| Tompkins | Tompkins | Greg Wall Well | Jun 09, 2025 | -0.24 |
| Torbay | Torbay | North Pond | Jun 02, 2025 | -3.33 |
| Upper Amherst Cove | Upper Amherst Cove | Drilled | May 27, 2025 | -0.19 |
| Upper Ferry | Upper Ferry | #4 Well - Angus MacNeil Well | Jun 09, 2025 | -0.13 |
| Upper Ferry | Upper Ferry - Lower | #1 Well - Gerard Brownrigg Well | Jun 09, 2025 | 0.07 |
| Upper Ferry | Upper Ferry - Middle | #2 Well - Hughie MacIsaac Well | Jun 09, 2025 | -0.17 |
| Upper Ferry | Upper Ferry - Upper | #3 Well - Marshall Devoe Well | Jun 09, 2025 | 0.02 |
| Wabana | Wabana | Mixed Supplies | Jun 24, 2025 | 0.00 |
| Wabana | Wabana | Mixed Supplies | Jun 24, 2025 | 0.03 |
| Wabana | Wabana | Scotia #1 | Jun 24, 2025 | -0.14 |
| Wabana | Wabana | Middleton Ave | Jun 24, 2025 | -0.32 |
| Wabana | Wabana | St. Edward's Memorial St. | Jun 24, 2025 | 0.26 |

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| Wabana | Wabana | Normore Crescent East #1 | Jun 24, 2025 | 0.00 |
| Wabana | Wabana | Quigley's Line | Jun 24, 2025 | 0.09 |
| Wabana | Wabana | #4-West Mines Road | Jun 24, 2025 | -0.12 |
| Wabana | Wabana - PWDU | #3 Yard West Mines Road | Jun 24, 2025 | -5.14 |
| West St. Modeste | West St. Modeste | Well Field | Jun 24, 2025 | -1.25 |
| Winterland | Winterland | Well Field | Jun 18, 2025 | -0.43 |

What is the Langelier Index?

The Langelier index (LI) is an approximate measure of the degree of saturation of calcium carbonate in water. It is calculated using the pH, alkalinity, hardness, total dissolved solids, and water temperature of a water sample collected at the tap. If the;

- LI is negative: The water is under saturated with calcium carbonate and will tend to be corrosive in the distribution system
- LI is positive: The water is over saturated with calcium carbonate and will tend to deposit calcium carbonate forming scales in the distribution system
- If LI is close to zero: The water is just saturated with calcium carbonate and will neither be strongly corrosive or scale forming.

The LI is one of several tools used by the water operator for stabilizing water to control both internal corrosion and the deposition of scale.

Experience has shown that LI in the range of -1 to +1 has a relatively low corrosion impact on metallic components of the distribution system. LI values outside this range may result in laundry stains or leaks. For additional information on the Langelier Index please contact the Department of Municipal Affairs and Environment at 729-2563.