

REGIONAL DISTRICT OF NANAIMO

DRINKING WATER & WATERSHED PROTECTION

May 21, 2025 | Technical Advisory Committee Meeting



AGENDA

APPROVAL OF THE AGENDA

ADOPTION OF MINUTES

ROUNDTABLE UPDATES

INVITED PRESENTATIONS

STAFF PRESENTATIONS

NEW BUSINESS

ADJOURNMENT



ROUNDTABLE UPDATES

ALL COMMITTEE MEMBERS

WELCOME TO NEW MEMBERS:

- Graham Sakaki, Academic Rep, VIU
- Louise Michaud, Community Rep, District 68



INVITED PRESENTATIONS

School Freshwater Stewards Program Update

Linda Brooymans
Nanaimo Area & Land Trust

Wetland Monitoring

Jacob Frankel
Mt Arrowsmith Biosphere Reserve Research Institute,
Vancouver Island University

Changing Water Cycle on Vancouver Island

Alan Gilchrist
Professor Emeritus, Vancouver Island University

Drought Management Update

Colin McKenzie
Ministry of Water, Land, and Resource Stewardship



STAFF PRESENTATIONS

- Water Conservation Framework - Regional Drought Preparedness 2025
- Education and Outreach Updates
- Community Watershed Monitoring Network Updates
- Volunteer Observation Well Network Updates and Upcoming Pre-Summer Groundwater Reporting
- Cedar-Yellowpoint-Cassidy Phase 3 Water Budget

WATER CONSERVATION FRAMEWORK
REGIONAL DROUGHT PREPAREDNESS 2025

- Last season: amended RDN Bylaw 1564 (.05)
  - Several major water service providers adjusted policies / bylaws to align with this update
- Updates to the framework responded to acknowledgement of recent record-breaking summer droughts and the adaptive management approach required to respond to the impacts of those seasonal conditions.
- Acknowledgement of operational differences between the water systems across the RDN
- Key change: Level 3 actions are no longer voluntary; more articulation in requirement to reduce water use
  - *In 2024 → systems that updated Level 3 to one day per week watering did observe a drop in water use*

WATER CONSERVATION STAGE	1	2	3	4
EFFECTIVE DATES	Begins April 1	May 1–October 31	As required	
Frequency	ANY DAY	Every other day: Even # houses = Even # days Odd # houses = Odd # days	One day per week: Even # houses = Thursdays Odd # houses = Mondays	SPRINKLING BAN: LAWN WATERING NOT PERMITTED
Watering times	Between 7 pm - 7 am	Between 7–10 am OR 7–10 pm for 2 hrs MAX	Between 7–10 am OR 7–10 pm for 2 hrs MAX	
Washing vehicles, boats, houses (siding)	ANYTIME	ANYTIME (on your watering day)	Between 7–10 am OR 7–10 pm on your watering day	Between 7–10 am OR 7–10 pm once per week on your Level 3 watering day
Hand-watering, drip irrigation	ANYTIME	ANYTIME	VOLUNTARY RESTRICTIONS encouraging residents to reduce water use where they are able to	Between 7–10 am OR 7–10 pm
Filling fountains, pools, hot tubs	ANYTIME	ANYTIME (on your watering day)		NOT PERMITTED
Pressure washing walkways, driveways, siding	ANYTIME	ANYTIME (on your watering day)		ONLY prior to application of paint, preservative, stucco, or sealant
New lawn permits	Can apply for a permit	Can apply for a permit		NO PERMITS ISSUED
Vegetable gardens and fruit trees exempt from all watering restrictions, even in Stage 4				

WATER CONSERVATION FRAMEWORK
REGIONAL DROUGHT PREPAREDNESS 2025

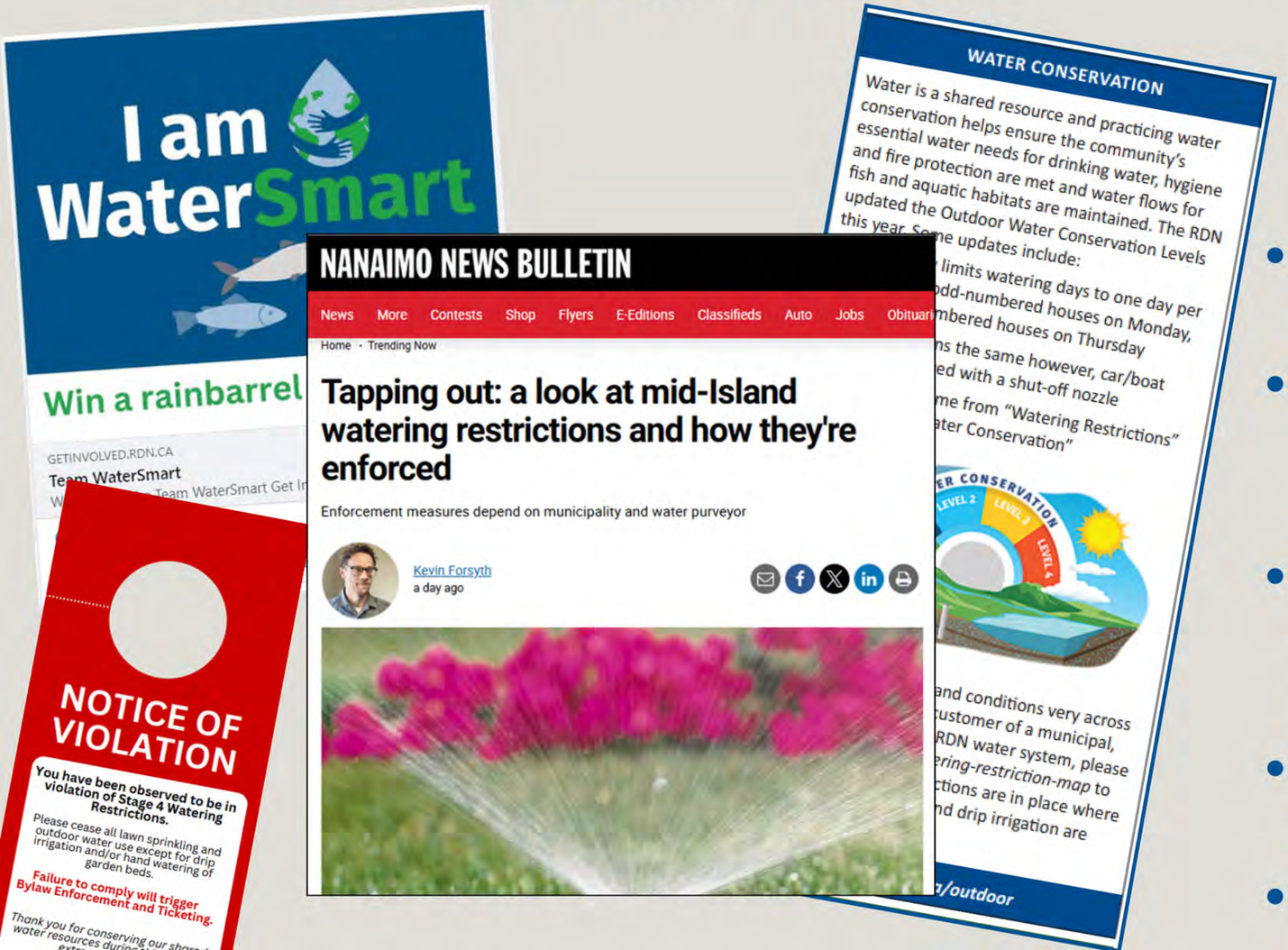
- Share Pre-Summer Groundwater Analysis report with water service providers and the public
- Regular check-ins with major water purveyors across the region to align approach and share water level updates
- Monitor weekly updates from the Provincial Drought Centre for region-scale changes (streamflow reports and observation well network)
- Update interactive map as needed



rdn.bc.ca/watering-restriction-map

WATER CONSERVATION FRAMEWORK
REGIONAL DROUGHT PREPAREDNESS 2025

"EDUCATE BEFORE REGULATE"



- Annual WaterSaver Contest
  - Participants share how they are saving water during the summer for an opportunity to win a rain barrel and a native plan prize package
- Outreach on social media, in person, and on the Team Water Smart Get Involved page
- Print material
  - monthly ads included in the Nanaimo News Bulletin and PQB News
- Regular social media updates and education materials shared at events through the Team WaterSmart booth
- News Releases – prepared when water conservation levels change
- Radio interviews

WATER CONSERVATION FRAMEWORK
REGIONAL DROUGHT PREPAREDNESS 2025

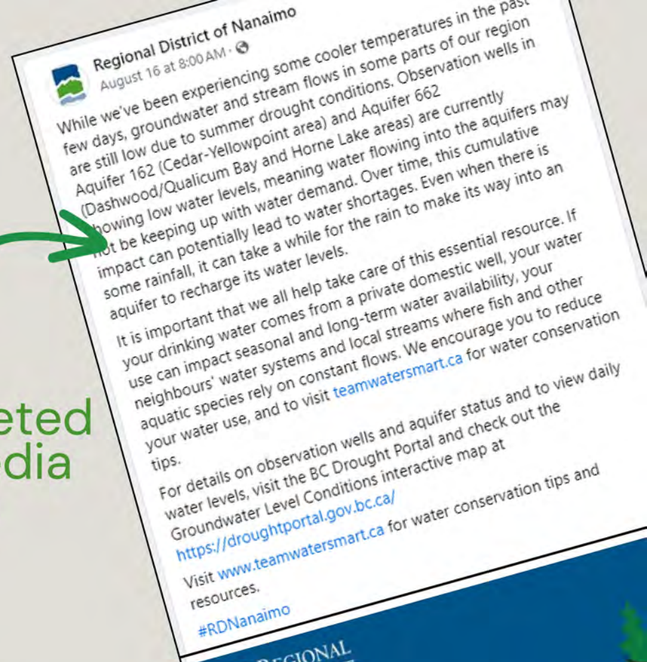
"EDUCATE BEFORE REGULATE"





Water conservation decals on City of Nanaimo fleet/waste trucks

Area-targeted social media posts


Regional District of Nanaimo
August 16 at 8:00 AM

While we've been experiencing some cooler temperatures in the past few days, groundwater and stream flows in some parts of our region are still low due to summer drought conditions. Observation wells in Aquifer 162 (Cedar-Yellowpoint area) and Aquifer 662 (Dashwood/Qualicum Bay and Horne Lake areas) are currently showing low water levels, meaning water flowing into the aquifers may not be keeping up with water demand. Over time, this cumulative impact can potentially lead to water shortages. Even when there is some rainfall, it can take a while for the rain to make its way into an aquifer to recharge its water levels.

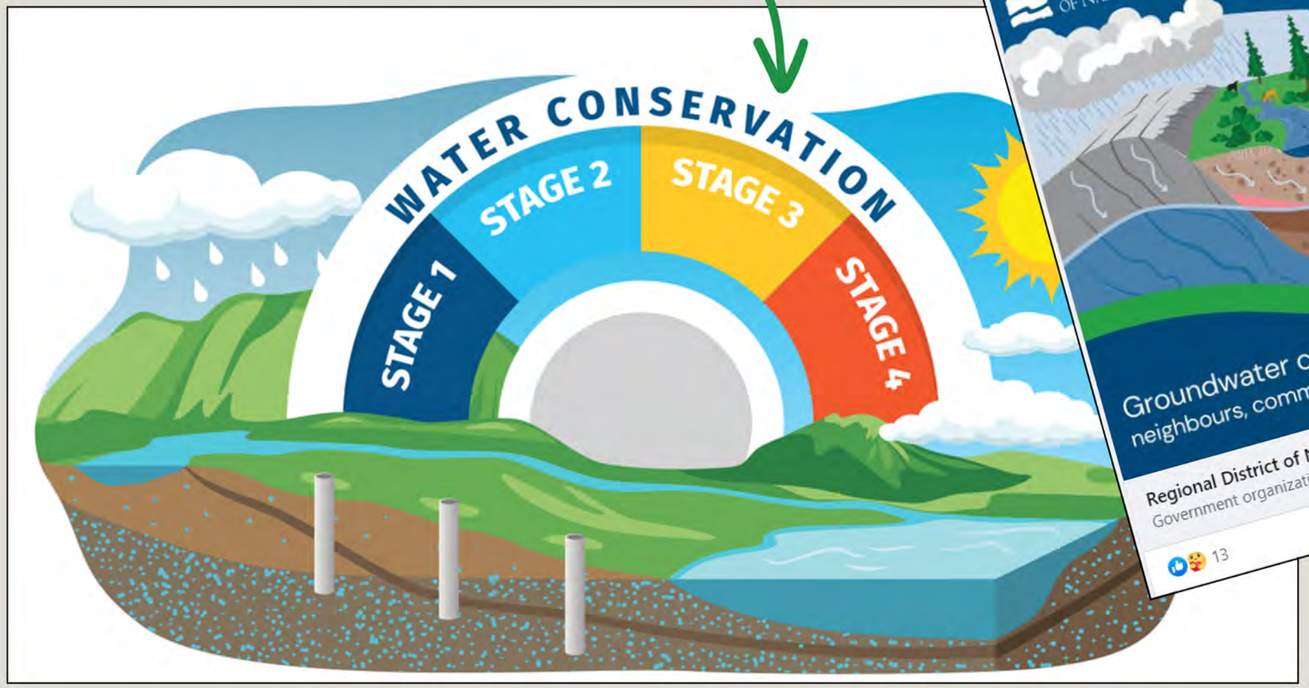
It is important that we all help take care of this essential resource. If your drinking water comes from a private domestic well, your water use can impact seasonal and long-term water availability, your neighbours' water systems and local streams where fish and other aquatic species rely on constant flows. We encourage you to reduce your water use, and to visit teamwatersmart.ca for water conservation tips.

For details on observation wells and aquifer status and to view daily water levels, visit the BC Drought Portal and check out the Groundwater Level Conditions interactive map at https://droughtportal.gov.bc.ca/

Visit www.teamwatersmart.ca for water conservation tips and resources.

#RDNanaimo

Groundwater-focused decal available for other water service providers



WATER CONSERVATION FRAMEWORK
REGIONAL DROUGHT PREPAREDNESS 2025

OVERALL APPROACH & MESSAGING

- Inter-regional support and coordination is key
- Diversity in water systems / local aquifer productivity across the region is an opportunity for education on water sources and specificity
- Approach with conservation education and communication first; tools for enforcement are secondary
- Essential to highlight that reducing consumption supports ecological health
- Climate change means we need to normalize a reduction in water use every summer



TEAM WATERSMART EVENTS

WATER TO EARTH MONTH IN REVIEW

- This year featured 15 in-person events, 7 hosted by RDN. Highlights included:
  - Water Day walk at the Nanaimo River
  - Departure Creek walk with stream keepers
  - Brant Children's Festival
  - Self-guided Raingardens Tour
  - Earth Day at Bowen Park

- Over 200 people attend our registered and drop-in events

- Online engagement: Social media contest asking people to share their "Water2Earth Month Actions"; gave away a rain barrel and zero waste prize pack









TEAM WATERSMART EVENTS

UPCOMING SEASONAL TOURS AND EVENTS

- Team WaterSmart is attending the City of Nanaimo Public Works Day today
- Each year, the team aims to attend at least one event in each municipality/area.



May 25	QB Family Day
July 27	QB Beach Day
Aug 16	Errington Hi Neighbour Day
Aug 31	Lighthouse Fall Fair
Sept 7	Cedar Farmers Market
Sept 13	Lantzville Minetown Day
Sept 28	Rivers Day TBD
October	Gabriola WellSmart Workshop

TEAM WATERSMART EVENTS

RESIDENTIAL IRRIGATION CHECKS

- Since 2010, hundreds of residential irrigation check-ups have been performed by Team WaterSmart staff. The program has effectively caught leaks, lowered excessive watering times and advised on water-saving techniques.
    - *In 2024 we completed 16 irrigation checks*

- For the 2025 season, we are pausing in-person checks and sending out an information package to the top 100 water users in each municipality and RDN water service areas



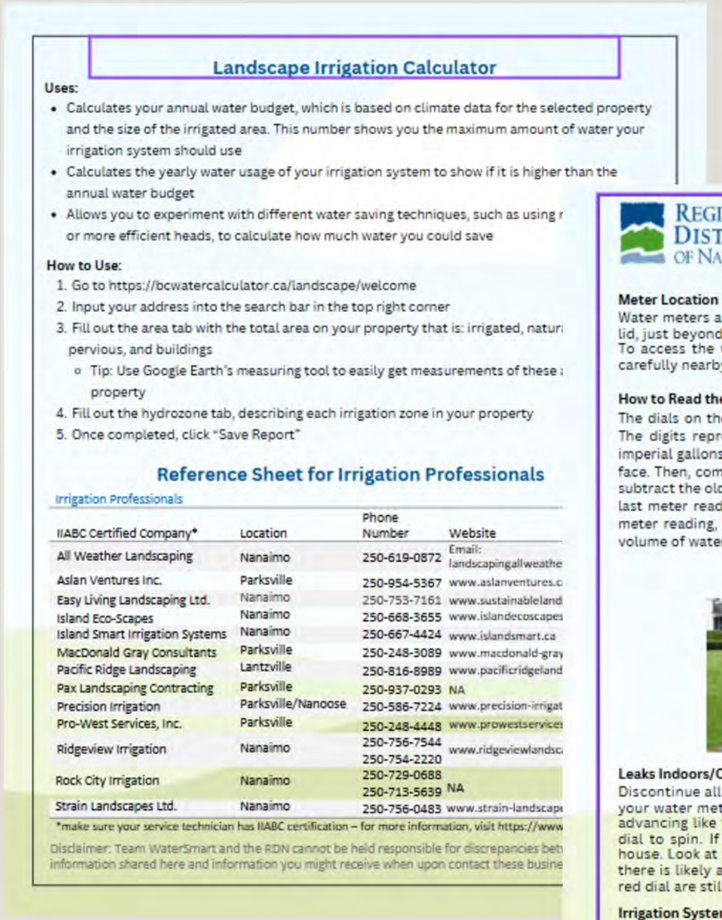


TEAM WATERSMART EVENTS

RESIDENTIAL IRRIGATION CHECKS

Information package includes:

- Introductory letter explaining why they are receiving the package and steps to follow
- ‘How to Check for Leaks’ and ‘Top 10 Irrigation tips”
- Irrigation programming guidelines
- Registered irrigation professional contact information
- Irrigation rebate information
- Landscape Irrigation Calculator



Landscape Irrigation Calculator

Uses:

- Calculates your annual water budget, which is based on climate data for the selected property and the size of the irrigated area. This number shows you the maximum amount of water your irrigation system should use
- Calculates the yearly water usage of your irrigation system to show if it is higher than the annual water budget
- Allows you to experiment with different water saving techniques, such as using r or more efficient heads, to calculate how much water you could save

How to Use:

1. Go to https://bcwatercalculator.ca/landscape/welcome
2. Input your address into the search bar in the top right corner
3. Fill out the area tab with the total area on your property that is: irrigated, natur pervious, and buildings
   - Tip: Use Google Earth’s measuring tool to easily get measurements of these property
4. Fill out the hydrozone tab, describing each irrigation zone in your property
5. Once completed, click “Save Report”

Reference Sheet for Irrigation Professionals

Irrigation Professionals

IIABC Certified Company*	Location	Phone Number	Website
All Weather Landscaping	Nanaimo	250-619-0872	Email: landscapingallweathe
Aslan Ventures Inc.	Parksville	250-954-5367	www.aslanventures.c
Easy Living Landscaping Ltd.	Nanaimo	250-753-7161	www.sustainableland
Island Eco-Scapes	Nanaimo	250-668-3655	www.islandecoscapes
Island Smart Irrigation Systems	Nanaimo	250-667-4424	www.islandsmart.ca
MacDonald Gray Consultants	Parksville	250-248-3089	www.macdonald-gray
Pacific Ridge Landscaping	Lantzville	250-816-8989	www.pacificridgeland
Pax Landscaping Contracting	Parksville	250-937-0293	NA
Precision Irrigation	Parksville/Nanoose	250-586-7224	www.precision-irrigat
Pro-West Services, Inc.	Parksville	250-248-4448	www.prowestservices
Ridgeview Irrigation	Nanaimo	250-756-7544 250-754-2220	www.ridgeviewlandsc
Rock City Irrigation	Nanaimo	250-729-0688 250-713-5639	NA
Strain Landscapes Ltd.	Nanaimo	250-756-0483	www.strain-landscape

*make sure your service technician has IIABC certification – for more information, visit https://www

Disclaimer: Team WaterSmart and the RDN cannot be held responsible for discrepancies bet information shared here and information you might receive when upon contact these busine



REGIONAL DISTRICT OF NANAIMO

HOW TO CHECK FOR A LEAK

Meter Location

Water meters are located in the ground usually in a black plastic or concrete box with a steel lid, just beyond the front property line and close to one of the front corners of the property. To access the water meter, pry the lid off with your fingers or a screwdriver, and place it carefully nearby. The water meter will be located within plain view once the lid is removed.

How to Read the Meter

The dials on the water meter show cumulative water usage similar to the odometer in a car. The digits represent tens, hundreds, and thousands of cubic meters (1 cubic meter = 220 imperial gallons). To determine your water usage, write down all the digits shown on the meter face. Then, compare this reading to the last meter reading shown on your water bill. When you subtract the old reading from the new reading, the result is the volume of water used since the last meter reading (in cubic meters). If you note the number of calendar days since the last meter reading, you can calculate the average volume of water used per day by dividing the volume of water used by the number of days since the last meter reading.

***At no time is the equipment within the box to be operated, adjusted or removed by anyone other than utilities staff**

Leaks Indoors/Outdoors

Discontinue all water uses on your property for a few minutes while you go outside to check your water meter. If a leak is present, the panel of numbers on the water meter face will be advancing like the odometer in a car. A small leak may only cause the black triangle or red dial to spin. If the meter indicates water usage, close the main shut off valve inside the house. Look at your water meter again, and if the triangle or red dial have stopped spinning, there is likely a leak inside the house (i.e. a dripping tap or running toilet). If the triangle or red dial are still spinning, there is likely a leak somewhere in the yard.

Irrigation System

Write down the water meter reading before and after your outdoor irrigation system completes a cycle. Anything more than 1-2 cubic meters (220-440 gallons) per watering event would be considered excessive. An irrigation professional can review your outdoor irrigation system for unnecessary use, and can check for broken pipes and fittings.

For more information, please contact: Regional District of Nanaimo - Water Services Dept. Phone: (250) 390-6560 Toll Free 1-877-607-4111 www.rdn.bc.ca

TEAM WaterSmart

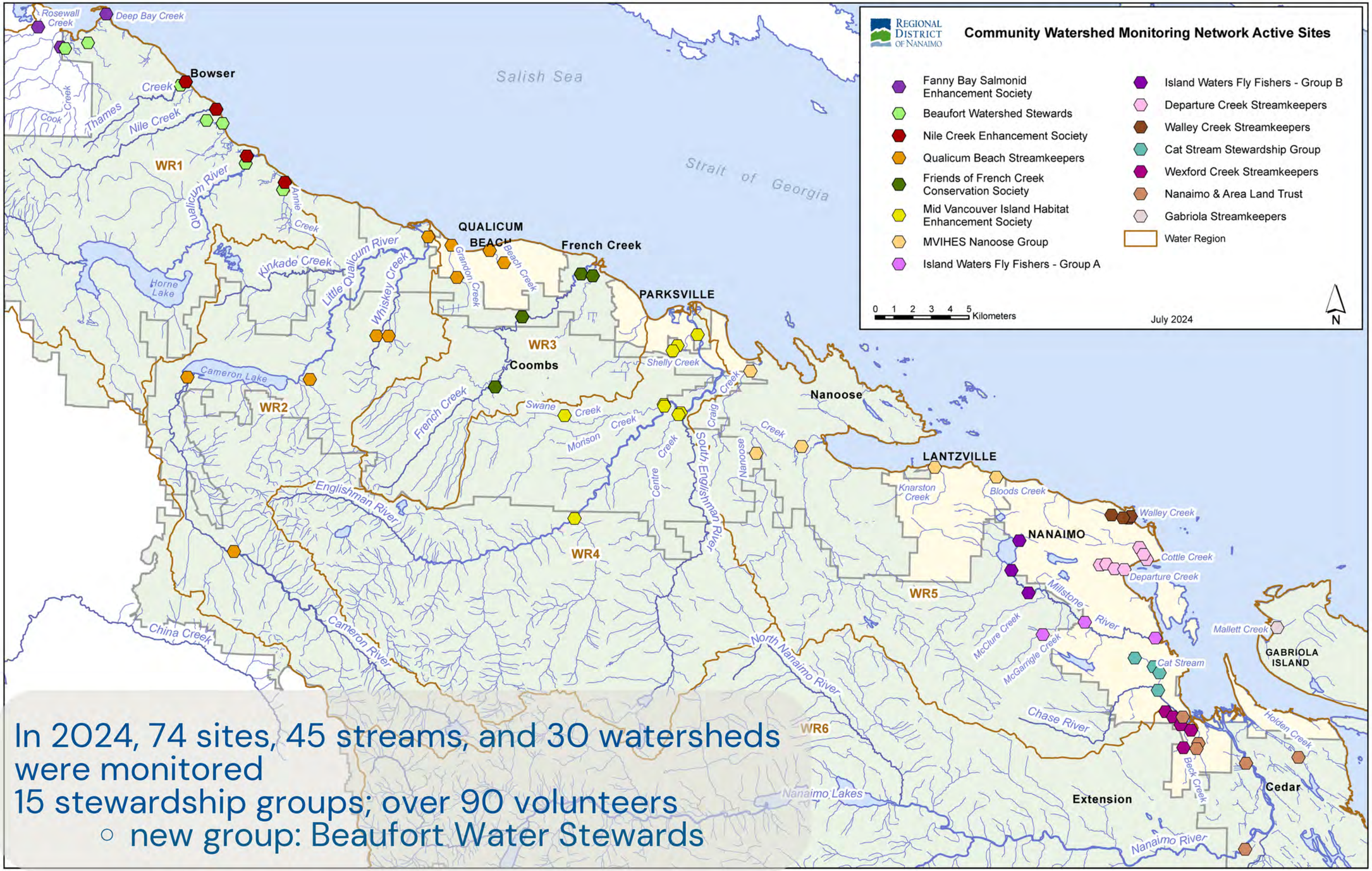
COMMUNITY WATERSHED MONITORING NETWORK
2024 WATER QUALITY REPORTING

Surface water quality sampling *since 2011*

- Collected by trained community stewards – *trained in provincial methodologies and sampling procedures*
- Two 5-in-30 sample periods
  - Summer low flow
  - Fall flush
- Provincial methodology used supports comparison to Ambient Water Quality Objectives/Guidelines - *all data is compared to these guidelines in analysis*
- Data publicly available



Annie Creek water quality sampling



In 2024, 74 sites, 45 streams, and 30 watersheds were monitored

15 stewardship groups; over 90 volunteers

- new group: Beaufort Water Stewards

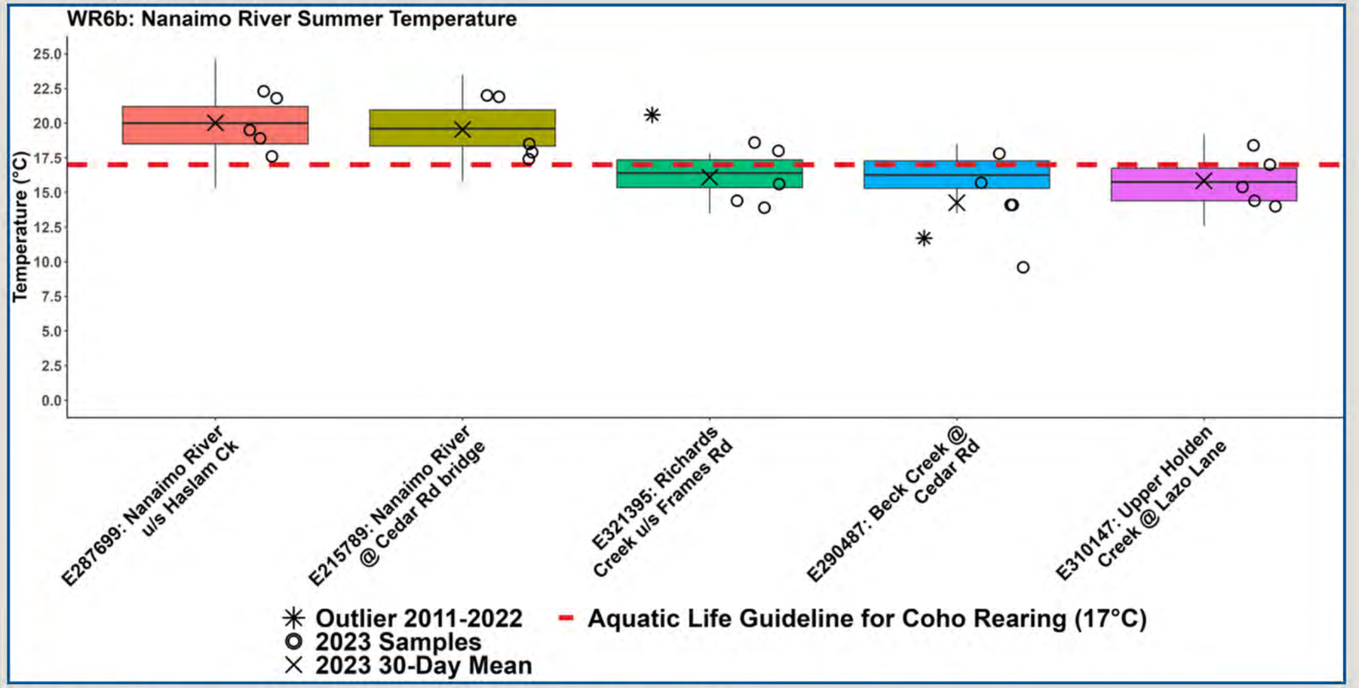
COMMUNITY WATERSHED MONITORING NETWORK
2024 WATER QUALITY REPORTING

- Analysis is currently **in progress**

- Generating box plots for turbidity, dissolved oxygen, temperature, and specific conductivity grouped by watershed, including display of relevant water quality objectives and guidelines for the 2024 data

- Trend analysis
  - For all active sites that, after 2024 sampling seasons, now have sufficient sampling history to identify changes over time in water quality parameters

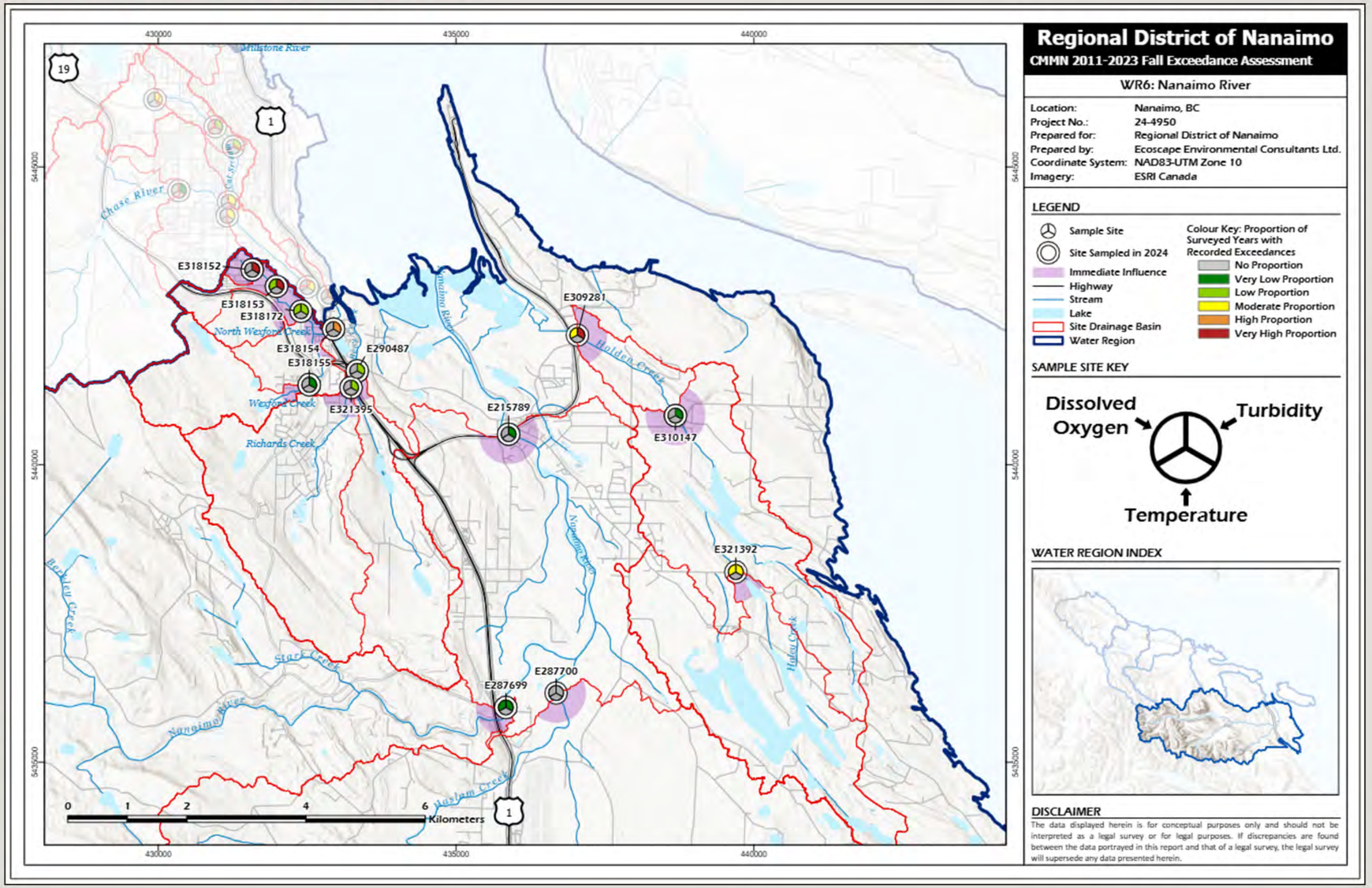
  - Box plots to be generated for each of the significant trends



Box plot created by Ecoscape Environmental Consulting

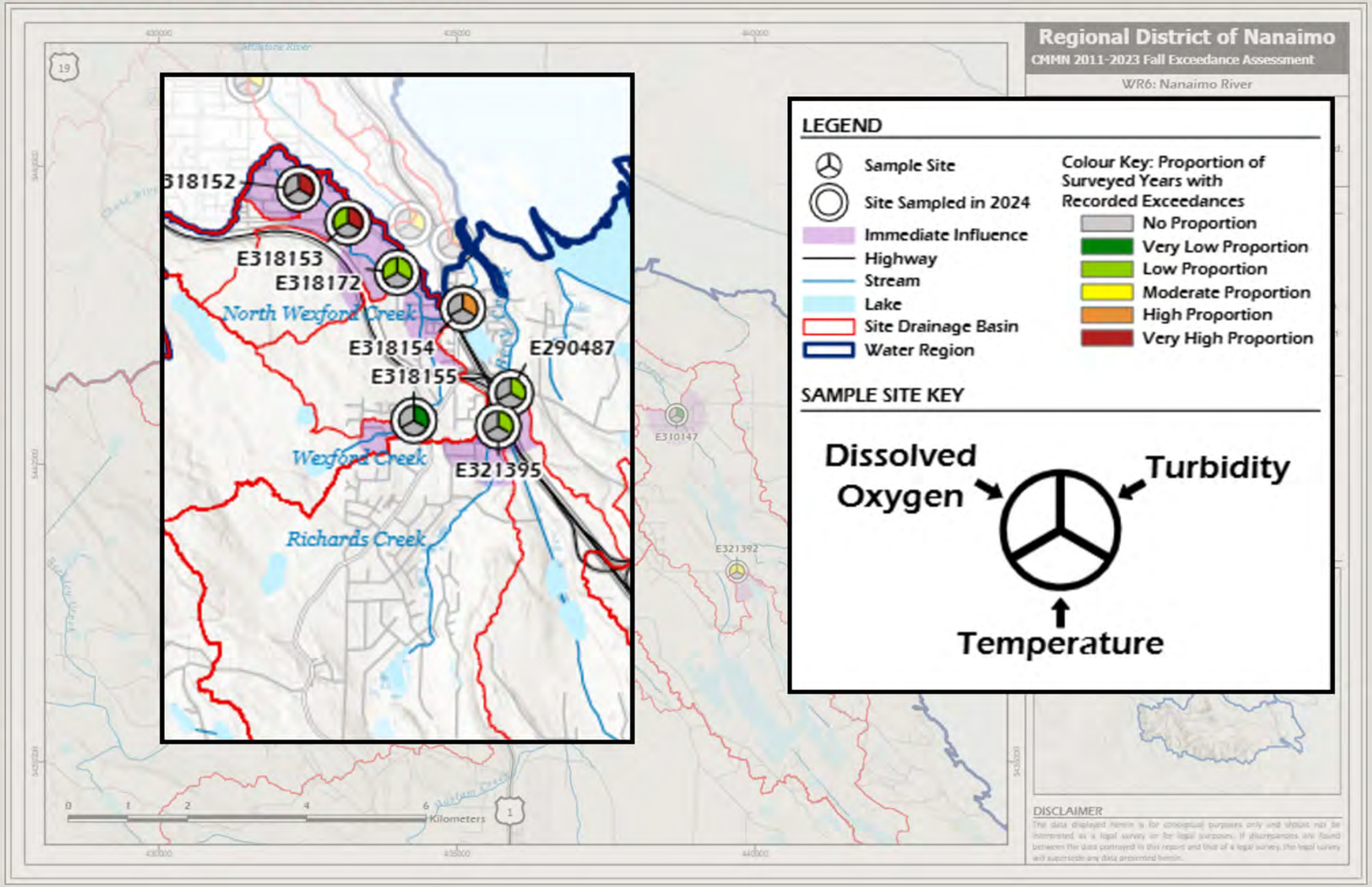
COMMUNITY WATERSHED MONITORING NETWORK
2024 WATER QUALITY REPORTING

- Area of influence, sub-basins above water quality monitoring sites
  - Includes areas with stormwater influence
- Sites are colour coded with seasonal thresholds
- Includes data from 2011-2024
- A tool for partners to better interpret water quality results and action restoration efforts



COMMUNITY WATERSHED MONITORING NETWORK
2024 WATER QUALITY REPORTING

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COMMUNITY WATERSHED MONITORING NETWORK
2025 MONITORING

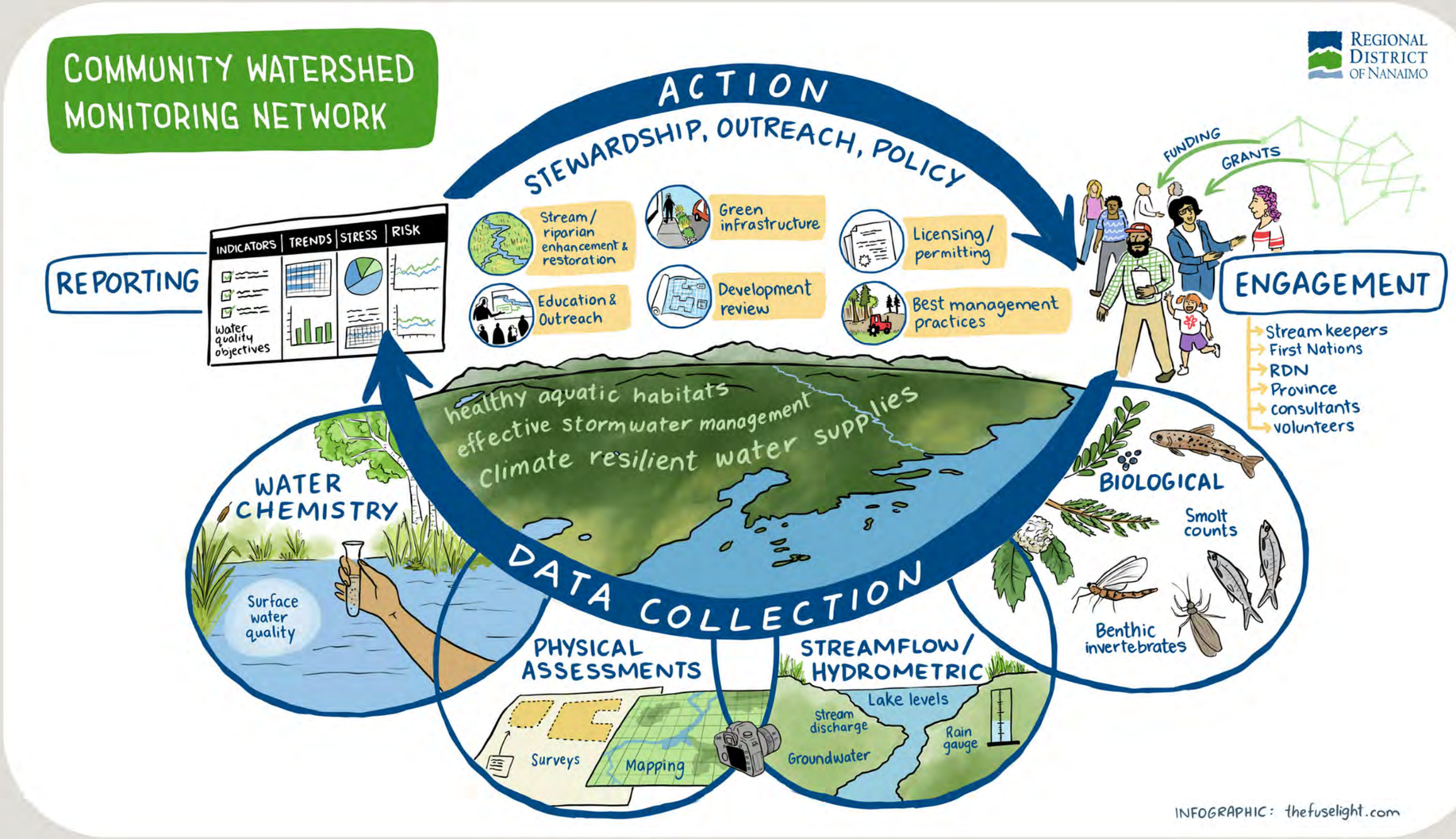
- Operating at reduced capacity to ensure DWWP capacity for strategic planning
- Responding to feedback from stewardship partners, City of Nanaimo who have interest in data results
- Offering monitoring equipment loans and recommended sample dates to groups who have indicated they want to continue
- One training day with two sessions (July 30)
  - experienced volunteers are not required to attend if they watch online equipment training videos
- Summer sampling to begin August 5th



Increased Stewardship Seed Funding this year to support additional monitoring / restoration efforts

COMMUNITY WATERSHED MONITORING NETWORK
STRATEGIC PLANNING

Purpose:
To review the RDN Community Watershed Monitoring Network and refresh its strategic direction for the next 5 years, based on past learnings, current momentum, and related priorities.



COMMUNITY WATERSHED MONITORING NETWORK

STRATEGIC PLAN – WHAT WILL IT INCLUDE?

- What is being done: An inventory of what monitoring / stewardship is being done (or has been done) per group in which systems
- What has been found so far:
  - Summary of what monitoring findings point towards, what issues need to be addressed, determine what is outside of the scope of the network
  - Recommendations on what should continue / where to focus next
- What are possible next steps: Detailed and implementable next steps
  - A roadmap of how implementation occurs
  - General timelines
  - Identification of leadership, resources, partners, etc.
- Map out a framework for implementation
  - produce clear direction for CWMN Strategy for DWWP staff work planning and an approach for the next 5+ year horizon



COMMUNITY WATERSHED MONITORING NETWORK
STRATEGIC PLANNING - NEXT STEPS

- Setting up meetings for *streamside dialogues* with stewardship partners
  - Co-development of monitoring inventory
  - Discuss your goals for the stream
  - Identify priority areas for future monitoring and stewardship
- Additional engagement (online and in-person through the year)
- Drafting the strategic plan components
- Review and iteration with partners
- Implementation with adaptive approach



Volunteer Observation Well Network Updates

- Upcoming Pre-Summer Groundwater Reporting

REGIONAL DISTRICT OF NANAIMO

STAFF REPORT TO
Regional District of Nanaimo Board
June 25, 2024

REGIONAL GROUNDWATER LEVEL ANALYSIS PRE-SUMMER 2024

RECOMMENDATION

That the Board receives the report of Regional Groundwater Level Analysis Pre-Summer 2024 for information.

BACKGROUND

Most communities within our region rely on groundwater for their water supply. This includes water service areas operated by the Regional District of Nanaimo (RDN), District of Lantzville, City of Parksville and Town of Qualicum Beach. Four improvement districts also source groundwater for their waterworks systems, including Deep Bay Improvement District, Bowser Waterworks, Qualicum Bay Horne Lake Waterworks and North Cedar Improvement District. EPCOR, a private water system, provides groundwater for residents in French Creek. Additionally, Snaw-naw-as First Nation and Stz'uminus First Nation operate water supply systems that rely on groundwater from regional aquifers. There are also many residents across the RDN's electoral areas who maintain and rely on private domestic wells for their drinking water.

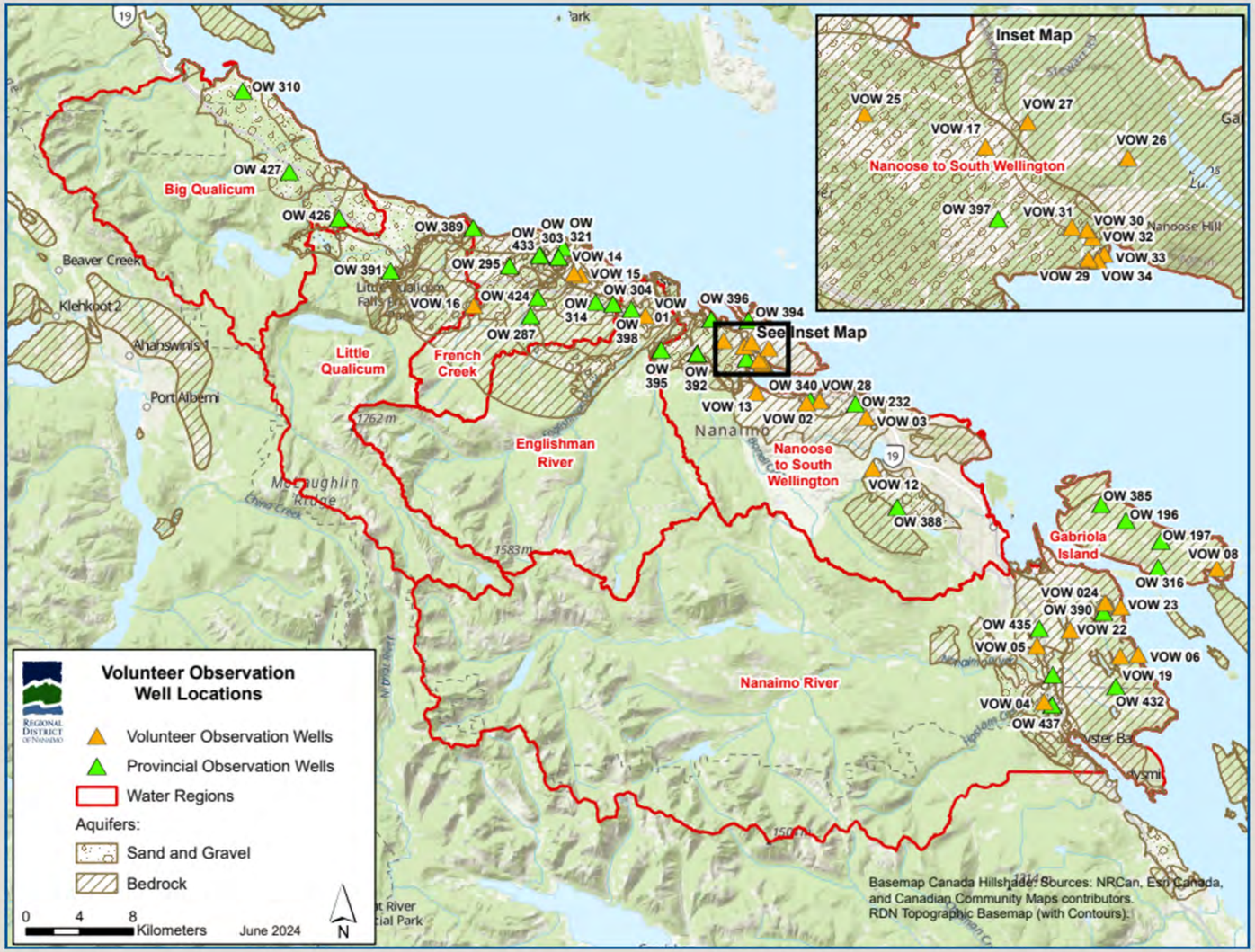
The RDN Drinking Water and Watershed Protection (DWWP) program monitors groundwater levels in aquifers across the region, through the RDN Volunteer Observation Well Network, to understand water availability and assess trends over time. This supplements the monitoring done by the Province via the Provincial Observation Wells within the region.

Since 2020, the RDN DWWP program has completed an annual regional analysis of groundwater levels to support preparation for the summer period ahead and provide an update on longer-term and seasonal trends observed in the aquifers within our region. This reporting has been supported by consulting professional hydrogeologists from Waterline Resources Inc (2020 and 2021) and GW Solutions Inc (2022, 2023, and 2024).

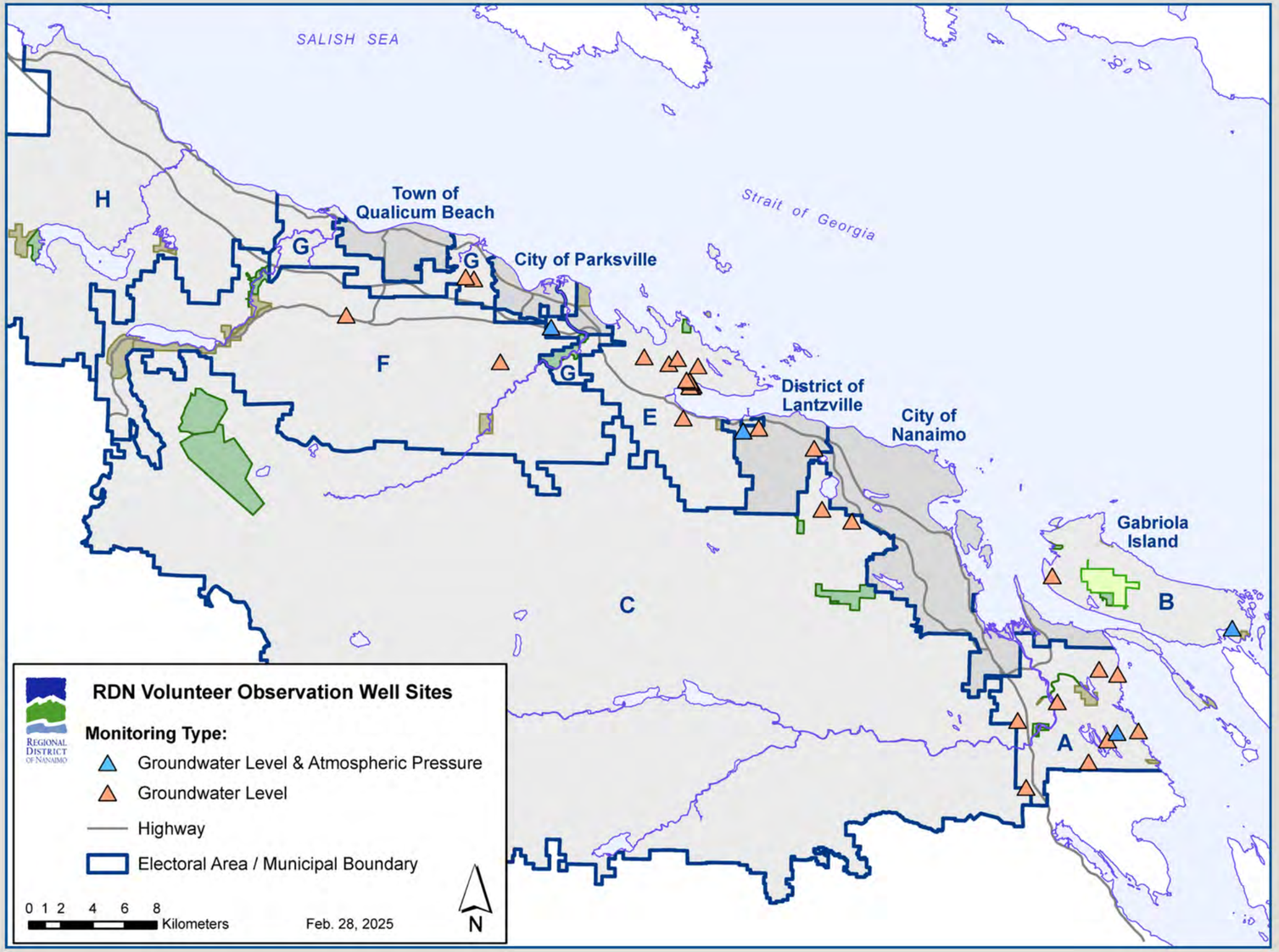
The 2024 analysis includes 61 wells – 27 RDN Volunteer Observation Wells (VOW) and 34 Provincial Groundwater Observation Network Wells (OW) – which monitor 13 surficial (sand and gravel) aquifers and 9 bedrock aquifers. The historical analysis considers all available data within the range between 2013-2024.

This memo will summarize both the seasonal and longer-term trends of the above-mentioned wells and aquifers and discuss the application of this information. The updated data tables and graphs provided as appendices.

Author: E. Forssman, Program Coordinator, Drinking Water & Watershed Protection
File No. 5280-22

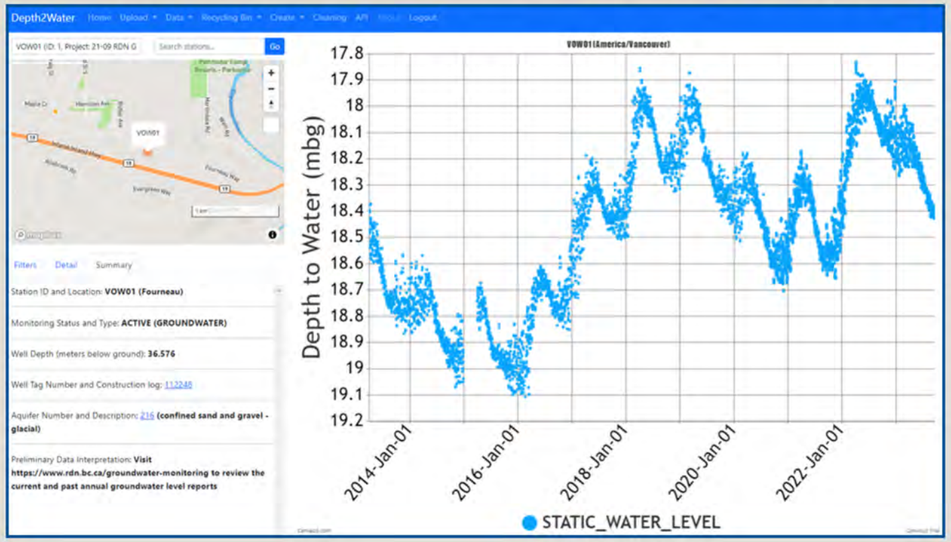


VOLUNTEER OBSERVATION WELL NETWORK

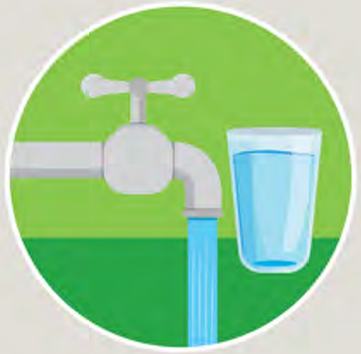


- Downloads completed





PRE-SUMMER GROUNDWATER LEVEL ANALYSIS



- Reported annually since 2020
- Brings together data sets from the Province's Groundwater Observation Well Network and the RDN's Volunteer Observation Well Network
- Provides a snapshot of conditions ahead of summer drought seasons
- Reporting is shared with municipal, improvement district, and small water system staff to provide an outlook for summer groundwater conditions
- Supports management considerations and informs communications approaches

Region-Wide Reports

Reports

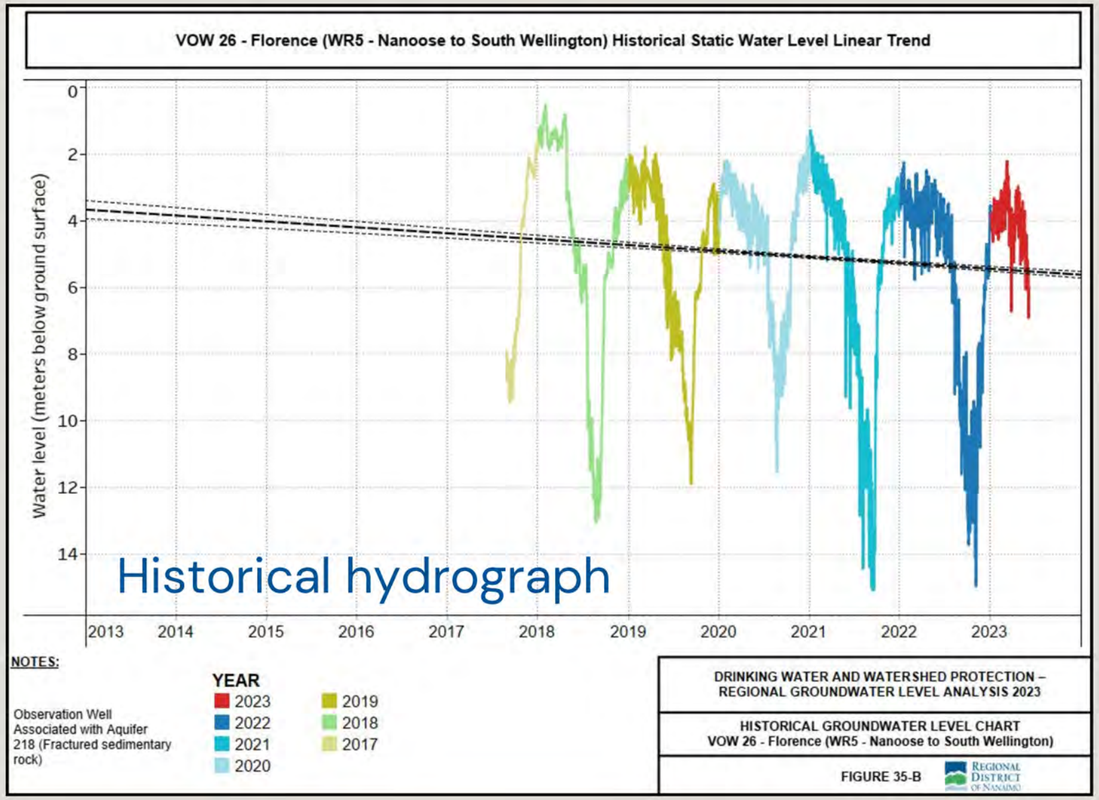
- **Regional Groundwater Level Analysis Pre-Summer 2024** (MEMO) + **Tables and Graphs** (APPENDICES)
- **Climate-Informed Water Supply Planning and Communication Approaches in the Regional District of Nan**
  - **Appendix 1 - Best Practices for Climate-Informed Water Supply Planning**
  - **Appendix 2 - Municipal Water Service Provider Supply Profiles**
- **2023 Community Watershed Monitoring Network Data Analysis Technical Memorandum**
- **Regional Groundwater Level Analysis Pre-Summer 2023** (MEMO) + **Tables and Graphs** (APPENDICES)
- **Regional Groundwater Level Analysis Pre-Summer 2022** (MEMO) + **Tables and Graphs** (APPENDICES)
- **RDN Regional Strategy for Rainwater Management - 2022**
- **RDN Freshwater Perspectives Public Benchmark Survey Results - 2021**
- **Regional Groundwater Level Analysis Pre-Summer 2021** (MEMO) + **Tables and Graphs** (APPENDICES)
- **2021 Community Watershed Monitoring Network Data Analysis (2011-2020)**
- **Wetland Mapping and Monitoring in the Regional District of Nanaimo- 5-Year Research Project with VIU** (with all the project reports)
- **Regional Groundwater Level Analysis Pre-Summer 2020**

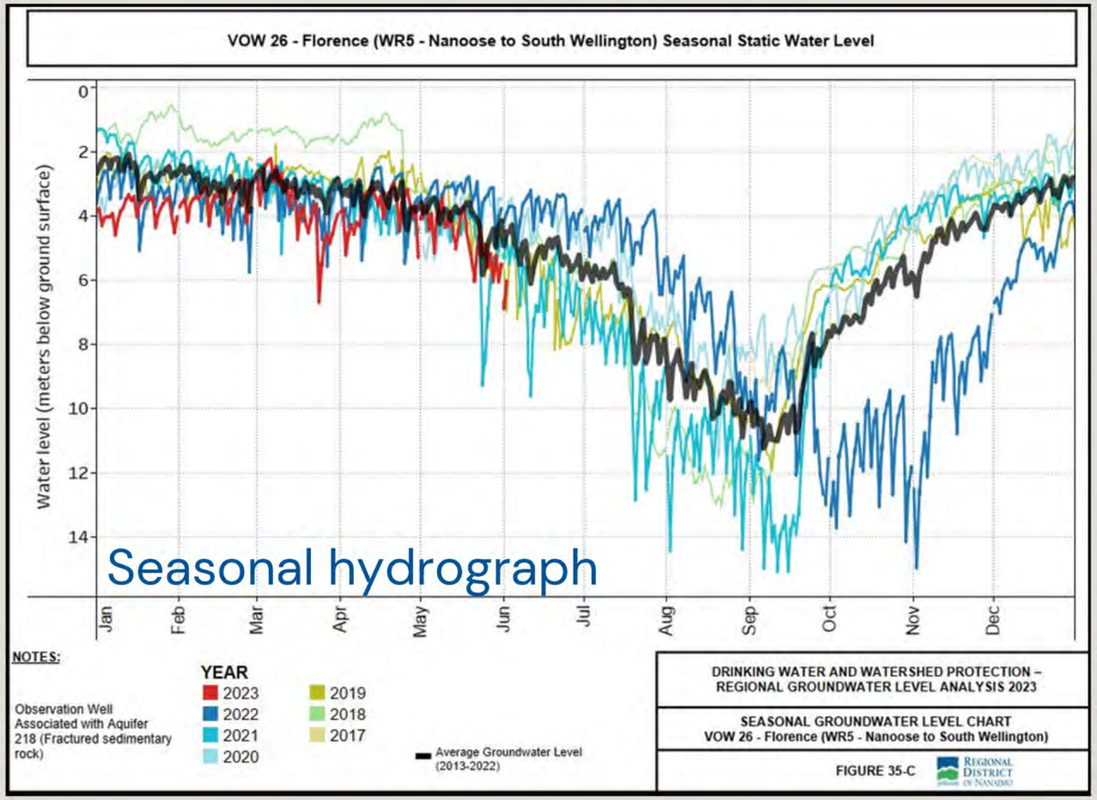
www.rdn.bc.ca/dwwp-reports

PRE-SUMMER GROUNDWATER LEVEL ANALYSIS

2025 report will include:

- Executive summary of monitoring results to date
- Map of VOW and PGOWN sites included in the report
- Summary tables with aquifer information, trends, and results
- Hydrographs for historical and seasonal trends

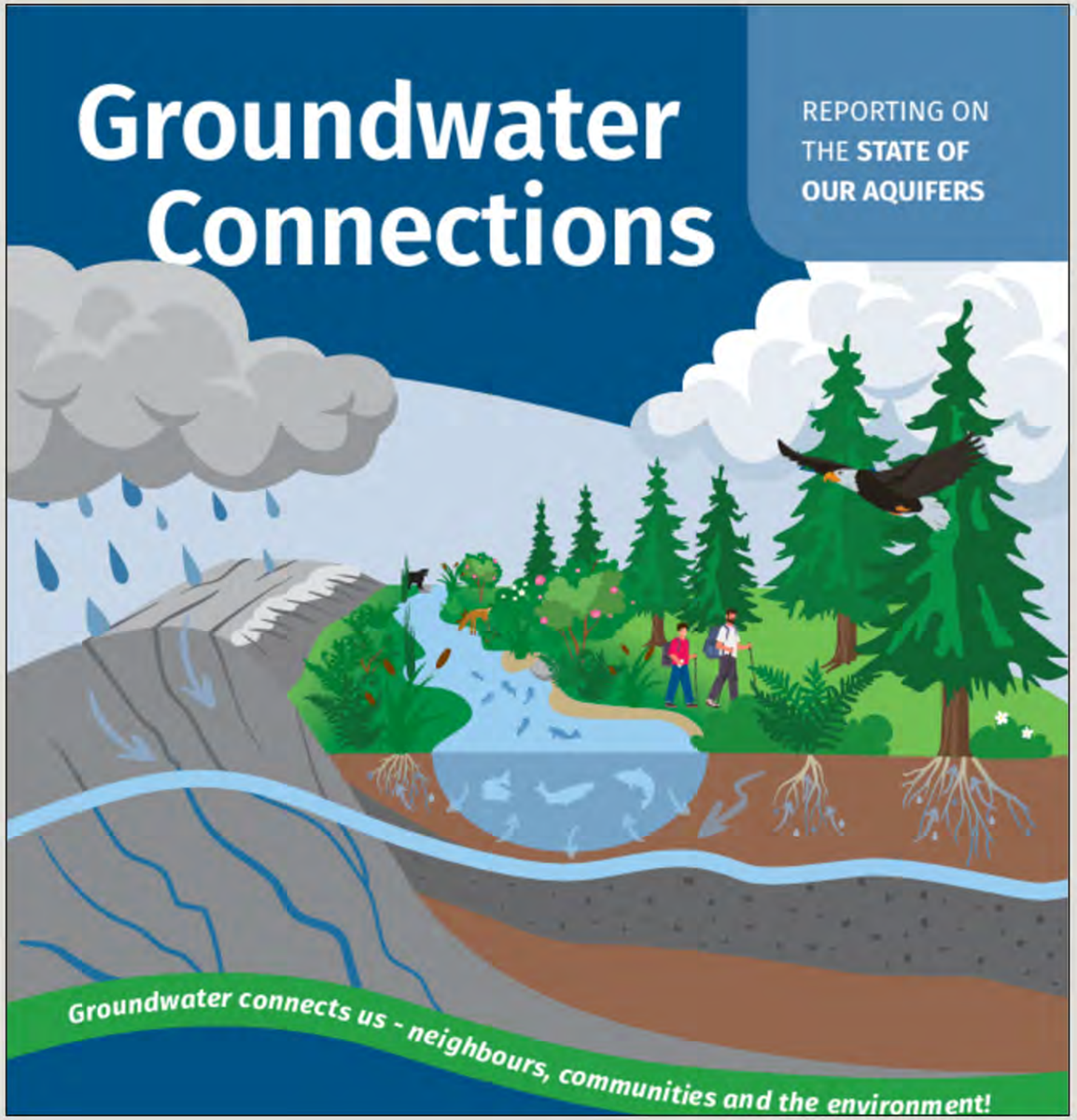




PRE-SUMMER GROUNDWATER LEVEL ANALYSIS

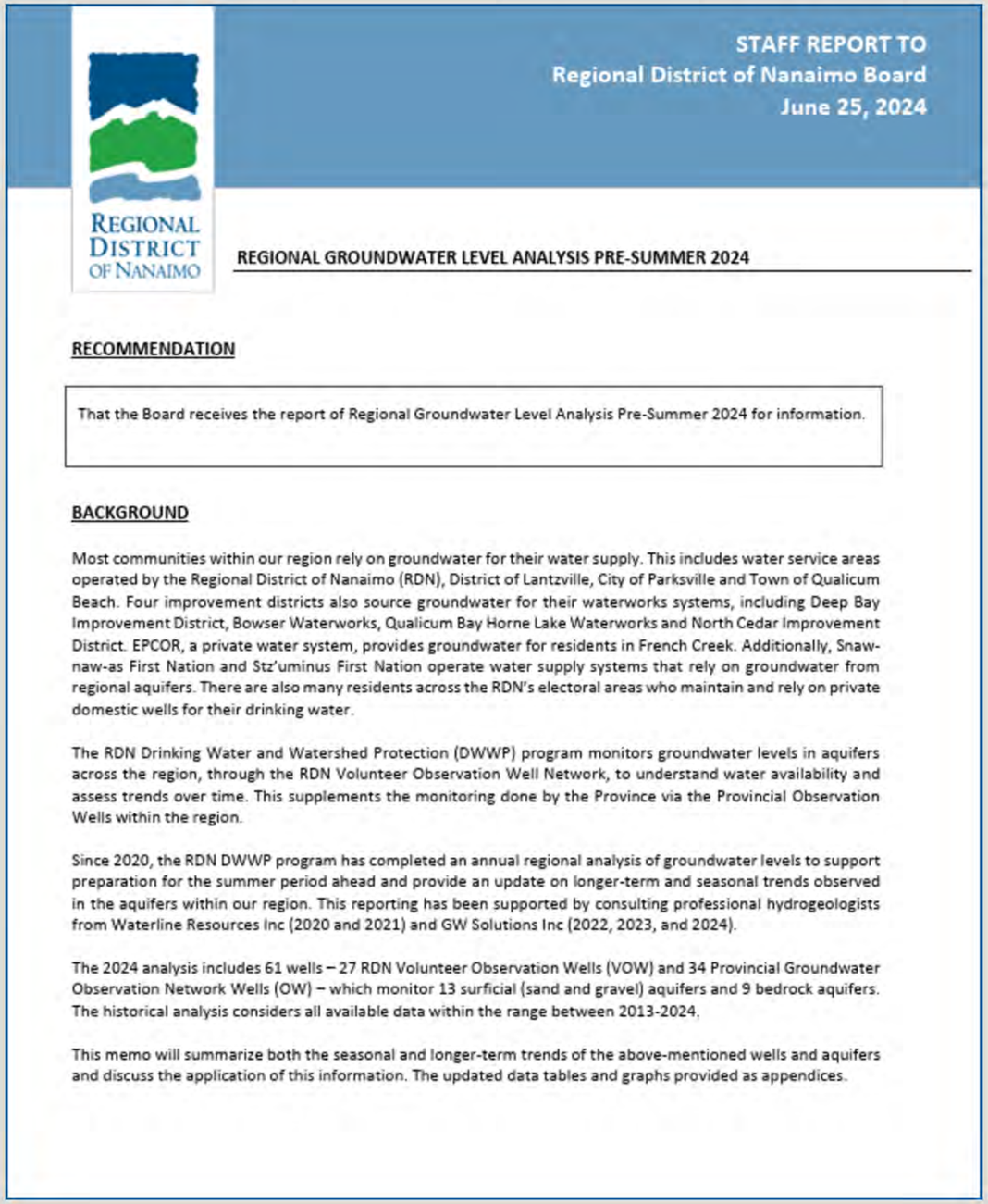
Intended audience:

- Water purveyors
- Partner agencies
- Volunteers of the VOW program
- Community stewards and citizen scientists
- Outreach and education publications
- Available online at www.rdn.bc.ca/dwwp-reports



PRE-SUMMER GROUNDWATER LEVEL ANALYSIS

- 2025 report will go to the board June 24th
- Once the RDN Board approves:
  - The report will be published on our website
  - Emailed to community stewards
  - Shared directly with VOW program volunteers



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That the Board receives the report of Regional Groundwater Level Analysis Pre-Summer 2024 for information.

BACKGROUND

Most communities within our region rely on groundwater for their water supply. This includes water service areas operated by the Regional District of Nanaimo (RDN), District of Lantzville, City of Parksville and Town of Qualicum Beach. Four improvement districts also source groundwater for their waterworks systems, including Deep Bay Improvement District, Bowser Waterworks, Qualicum Bay Horne Lake Waterworks and North Cedar Improvement District. EPCOR, a private water system, provides groundwater for residents in French Creek. Additionally, Snaw-naw-as First Nation and Stz'uminus First Nation operate water supply systems that rely on groundwater from regional aquifers. There are also many residents across the RDN's electoral areas who maintain and rely on private domestic wells for their drinking water.

The RDN Drinking Water and Watershed Protection (DWWP) program monitors groundwater levels in aquifers across the region, through the RDN Volunteer Observation Well Network, to understand water availability and assess trends over time. This supplements the monitoring done by the Province via the Provincial Observation Wells within the region.

Since 2020, the RDN DWWP program has completed an annual regional analysis of groundwater levels to support preparation for the summer period ahead and provide an update on longer-term and seasonal trends observed in the aquifers within our region. This reporting has been supported by consulting professional hydrogeologists from Waterline Resources Inc (2020 and 2021) and GW Solutions Inc (2022, 2023, and 2024).

The 2024 analysis includes 61 wells – 27 RDN Volunteer Observation Wells (VOW) and 34 Provincial Groundwater Observation Network Wells (OW) – which monitor 13 surficial (sand and gravel) aquifers and 9 bedrock aquifers. The historical analysis considers all available data within the range between 2013-2024.

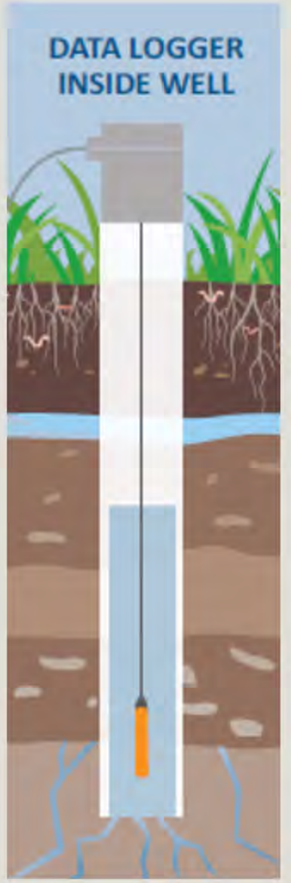
This memo will summarize both the seasonal and longer-term trends of the above-mentioned wells and aquifers and discuss the application of this information. The updated data tables and graphs provided as appendices.

VOLUNTEER OBSERVATION WELL NETWORK

2025 PROGRAM ADAPTATIONS & UPDATES



- 2024 Area A data review
  - Continuing to adopt recommendations
    - Equipment replacements
    - New logger depths
- 2025 contractor support
  - Data collection
  - Methodology review
  - Data processing and analysis
  - Program recommendations memo
  - Distributed staff support on downloads
- Asset management
- Liase with province on Aquarius uploads and data sharing

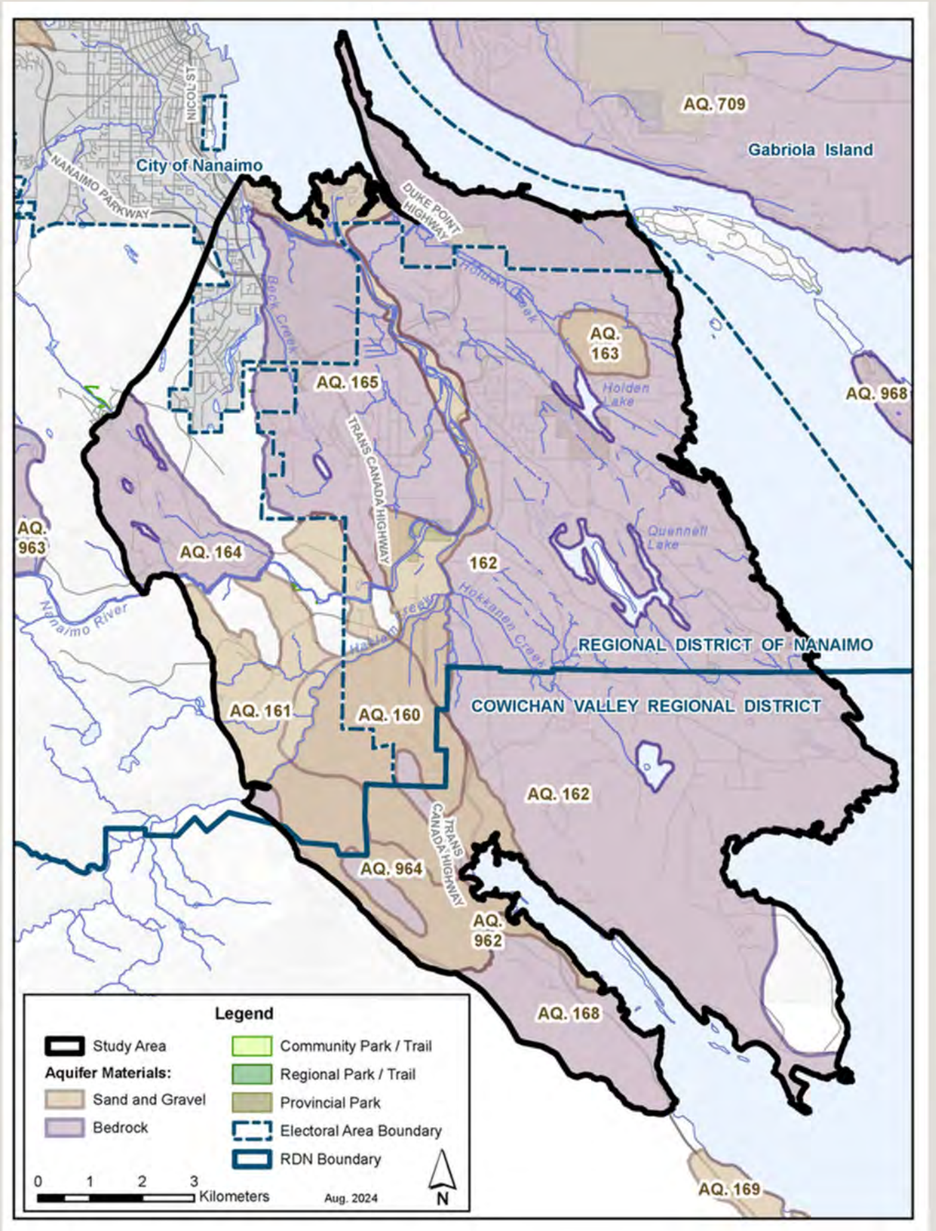


CEDAR-YELLOWPOINT WATER BUDGET - UPDATE

The Water Budget project aims to assist land and water managers in balancing competing water needs and land practices with finite water supplies, both surface water and groundwater.

The project will:

- Focus on water quantity (both surface water and groundwater)
- Provide an understanding of boundary and availability conditions
  - scenarios include climate change, pumping (water use), and land cover change
- Develop a tool to support sustainable land and water use decisions
  - opportunity to develop common understanding with other governments including First Nations, City of Nanaimo, and Cowichan Valley Regional District as well as a number of water users and providers



CEDAR-YELLOWPOINT WATER BUDGET - UPDATE

PROGRESS UPDATE

- Data compilation nearly complete
- Geological model is almost complete
- Surface water data analysis and a portion of the EFN assessment almost complete
- Consultant is preparing an update memo to prepare for project working group meeting in June



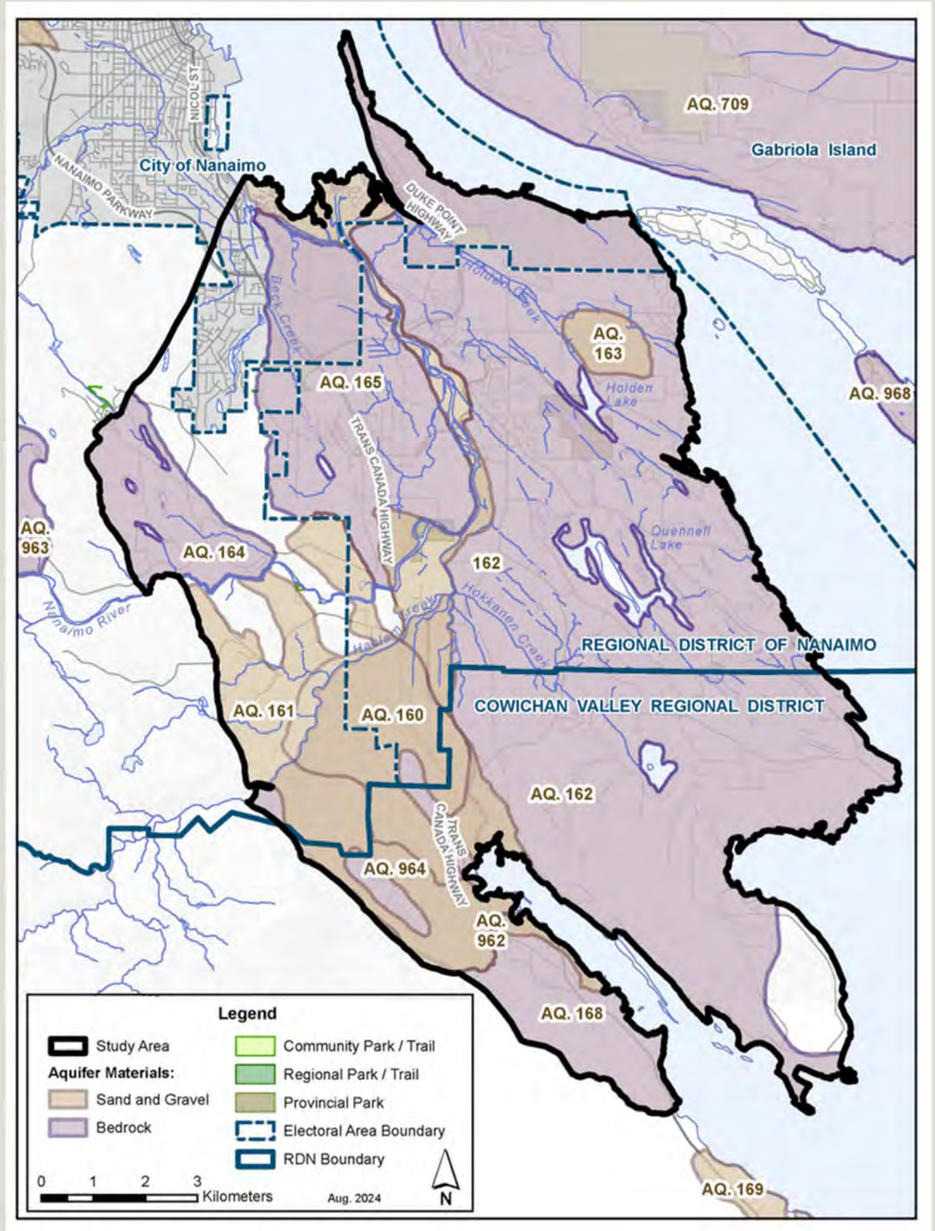
DATA INPUTS

- Water system use
- hydrological data
- Phase 1 conceptual model
- RDN Climate Change Projections (PCIC, 2022)
- Current land use & anticipated build-out (through zoning and OCP)
- Estimates of system losses
- Well records
- Small water systems
- Hydrogeological studies from NCID, City of Nanaimo, CVRD

CEDAR-YELLOWPOINT WATER BUDGET - UPDATE

NEXT STEPS

- Project Partner Engagement Meeting - sharing data inputs, assumptions, and application of the outputs
- Complete data compilation
- Complete and calibrate groundwater and hydrological model development
- Water budget analysis and stress assessments
  - evaluation of groundwater-surface water interaction
  - Water budget model analysis with scenarios (anticipated climate, landcover, water use changes)
  - aquifer stress assessments
- Reporting, recommendations, and presentation to the DWWP TAC (late 2025)





THANK YOU!

Next meeting: September 17, 2025