

RADON MONITORING REPORT

Greendale Community Elementary School

6621 Sumas Prairie Rd

Chilliwack BC V2R 4K1

REPORT DATE

2024-05-02

CANADA

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Greendale Community Elementary School
6621 Sumas Prairie Rd
Chilliwack BC V2R 4K1

BUILDING ID

TYPE OF BUILDING:

School

BUILDING YEAR:

1990

VENTILATION TYPE:

Forced air

FOUNDATION TYPE:

Crawl space

PURPOSE OF TEST:

Primary Screening

Test results

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
102 362 316 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 20 Staff (on top of kitchen cabinets	First floor	30 ± 6 Bq/m ³
101 251 817 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 39 shelf	First floor	32 ± 6 Bq/m ³
102 292 802 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 45 Above dryer	First floor	DNR
100 459 148 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 21 Top of teachers cabinet	First floor	26 ± 6 Bq/m ³
102 612 884 [Radtrak ³ ®]	2023-12-09 – 2024-02-06	Rm 22 teachers cabinet	First floor	51 ± 24 Bq/m ³
103 165 445 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 23 teachers storage cabinet	First floor	31 ± 6 Bq/m ³
100 656 651 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 24 Gym (East side)	First floor	< 15 Bq/m ³
100 508 662 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 24 Gym (West side)	First floor	51 ± 8 Bq/m ³
100 556 984 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 17 Kindergarten centre west	First floor	15 ± 6 Bq/m ³

Comment to the results

The radon detector (102612884) was received by Radonova (71) days after the given end date. The result could be overestimated due to the radon exposure during this storage/transport.

Trygve Rønnqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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CA_EN_001_REPORT_v240422:1.ppcd

CANADA

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103 097 705 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 27 by sprinkler	First floor	23 ± 8 Bq/m ³
105 261 580 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 26 washroom inside Wall	First floor	20 ± 4 Bq/m ³
101 307 841 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C115 Corridor (overhead door)	First floor	25 ± 6 Bq/m ³
104 705 926 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 25 Teachers cabinet by door	First floor	28 ± 6 Bq/m ³
104 092 390 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 32 Boys washroom (post)	First floor	36 ± 6 Bq/m ³
102 175 098 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 34 Girls washroom (above dispenser)	First floor	37 ± 8 Bq/m ³
105 030 506 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 8 Library speaker shelf	First floor	25 ± 6 Bq/m ³
103 424 313 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 36 Library Office (above sink)	First floor	46 ± 8 Bq/m ³
102 298 031 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 7 Computer (end of tall boys)	First floor	26 ± 10 Bq/m ³
105 123 186 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 16 classroom (speaker shelf)	First floor	30 ± 6 Bq/m ³
104 662 655 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 15 classroom (speaker shelf)	First floor	35 ± 12 Bq/m ³
104 675 228 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 14 classroom (speaker shelf)	First floor	23 ± 6 Bq/m ³

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101 531 689 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 13 classroom (speaker shelf)	First floor	20 ± 4 Bq/m ³
100 959 204 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 12 Classroom (teachers desk shelf)	First floor	22 ± 8 Bq/m ³
104 190 327 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 11 Classroom (speaker shelf)	First floor	22 ± 6 Bq/m ³
104 954 722 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 5 washroom (cabinet)	First floor	29 ± 6 Bq/m ³
104 172 267 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 38 Health (sink cabinet)	First floor	46 ± 8 Bq/m ³
104 123 633 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 3 VP (Tall boy)	First floor	20 ± 4 Bq/m ³
103 250 106 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 2 Principal (tall shelf)	First floor	< 22 Bq/m ³
103 389 854 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1 General office (corner shelf)	First floor	25 ± 4 Bq/m ³
100 662 378 [Radtrak ³ ®]	2023-12-11 – 2024-04-06	Multipurpose Rm (kitchen)	First floor	21 ± 4 Bq/m ³
105 217 988 [Radtrak ³ ®]	2023-12-11 – 2024-04-06	Facilities front office	First floor	< 15 Bq/m ³
105 247 373 [Radtrak ³ ®]	2023-12-11 – 2024-04-06	Facilities Carp. Office	First floor	< 15 Bq/m ³

Comment to the results

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RADONOVA INC.

1 EAST 22nd STREET, SUITE 200
LOMBARD, IL 60148
331.814.2200, help@radonova.com

Measurement method: Closed alpha-track detector (Radtrak²®/Radtrak³®)

OWN ID

The radon measurement was performed with a closed alpha-track detector following the quality assurance guidance given in CNRPP-AL-DF-v6. The detector container is manufactured from electrically conducting plastic. Through a small slit (filter), radon gas enters the detector. The track-detecting material (film) inside the detector is hit by alpha particles generated by the radon entering the container and the decay products formed from it. On the film, the alpha particles make small tracks which are enlarged through chemical etching and later analyzed via our proprietary Track-Etch(R) methodology to determine the radon exposure. Radonova Laboratories (P.O. Box 6522, SE-751 38 Uppsala, Sweden) is accredited (no. 1489) by SWEDAC to conduct radon-gas measurements using the closed alpha-track detector method. The analysis equipment is checked daily and the detectors are calibrated at regular intervals. CNRPP License CRT 201475.

Measured radon concentrations

For each detector, the measured value of the radon concentration is provided. For each value an uncertainty associated with the measurement to a 95% confidence level is also provided. For example a measurement result of $200 \pm 30 \text{ Bq/m}^3$ means that the radon concentration is most likely contained in the range 170 - 230 Bq/m^3 . If the start or end date of the measurement has not been provided, the radon concentration cannot be calculated. In such cases, the total exposure in kBqh/m^3 will be reported. The average radon concentration can be calculated by dividing the total exposure with the number of measured hours and multiplying that result with 1000. The reported measured values are related to the detectors as received by Radonova Laboratories. Detector deployment is not performed by Radonova Laboratories. Measurement information such as monitoring period (dates) and placement location is provided to Radonova Laboratories by the end user. The presented results apply only to the samples tested.

Codes on non-reportable detectors

DNR	Not Reported – Detector Not Returned
VTW	Not Reported – Visibly Tampered With
FBD	Not Reported – Film Broken or Damaged
LIL	Not Reported – Lost in Lab
DTO	Not Reported – Detector Too Old

Measurement method versions used when the report was created

CNRPP-AL-DF-v6, October 2018, Quality Control and Quality Assurance Manual for Radon Sampling and Analysis
ISO 11665-4:2021, Measurement of radioactivity in the environment — Air: radon-222

Radon measurements in Schools and Public Buildings

Health Canada recommends that the radon test performed in a home or public building be a long-term measurement. Health Canada does not recommend a test of duration less than one month. A minimum of 3 months is recommended and 12 months is optimum. If the long-term measurement results are below 200 Bq/m^3 , the average annual concentration in the home or building is probably below 200 Bq/m^3 and further measurements are not necessary and remedial action is not recommended. If the measured concentration is above 200 Bq/m^3 in schools, a follow-up short-term measurement is recommended in order to estimate the radon concentration during school hours:

Schools_hours_concentration = Long_term_concentration * (Short_term_schools_hours / Short_term_average).

If the long term average radon concentration during school hours is above 200 Bq/m^3 , remedial action is recommended (see the Health Canada Publication Guide for Radon Measurements in Public Buildings for more information)

Workplaces

Radon in workplaces should be handled according to the Canadian Guidelines for the Management of Naturally Occurring Radioactive Materials (NORM).

Average Annual Concentrations	NORM Program Classification
800 - 3000 Bq/m^3	Radiation Protection Management
200 - 800 Bq/m^3	NORM Management
< 200 Bq/m^3	Unrestricted

Signature on the report

With the signature on the report, the person responsible for the radon analysis at Radonova Laboratories hereby certifies that the measurement procedures follows the guidance in accordance with CNRPP-AL-DF-v6 and that the demands from SWEDAC are fulfilled.

Measurement information displayed in italics on report has been provided by the customer.



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331.814.2200, help@radonova.com

RADON MONITORING REPORT

*G.W. Graham Secondary
45955 Thomas Rd
Chilliwack BC V2R 0B5*

REPORT DATE

2024-05-02

CANADA

RADON MONITORING REPORT

Description of the measurement

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The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-24**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
G.W. Graham Secondary
45955 Thomas Rd
Chilliwack BC V2R 0B5

BUILDING ID

TYPE OF BUILDING:

School

BUILDING YEAR:

2006

VENTILATION TYPE:

Forced air

FOUNDATION TYPE:

Slab on grade

PURPOSE OF TEST:

Primary Screening

Test results

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
103 555 983 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 156 General office (plexiglass)	First floor	45 ± 8 Bq/m ³
100 222 751 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C157 (shelf)	First floor	45 ± 8 Bq/m ³
103 657 524 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C158 (upper)	First floor	50 ± 14 Bq/m ³
104 148 770 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C162 vice principal (upper cabinet)	First floor	60 ± 8 Bq/m ³
102 474 731 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C163 vice principal (upper cabinet)	First floor	71 ± 12 Bq/m ³
103 133 617 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C164 principal (upper cabinets)	First floor	50 ± 8 Bq/m ³
103 466 025 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C159 Health Room (upper cabinet)	First floor	59 ± 8 Bq/m ³
104 721 048 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C161 Copy (uppers)	First floor	42 ± 12 Bq/m ³
103 169 082 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C165 Staff Room (white board)	First floor	50 ± 10 Bq/m ³

Comment to the results

Trygve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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CANADA

OWN ID
N/A

BY
Radon Environmental Management Corp

REPORT RECEIVER(S)
Cameron_allenby@sd33.bc.ca

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DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
103 533 857 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C165c women’s washroom (partition)	First floor	48 ± 8 Bq/m ³
101 034 510 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C165d men’s washroom (partition)	First floor	54 ± 8 Bq/m ³
103 936 878 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C160 (shelving)	First floor	56 ± 10 Bq/m ³
105 504 864 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C166 conference (tv cabinet)	First floor	59 ± 8 Bq/m ³
103 168 514 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C167 counselling (shelving unit)	First floor	52 ± 8 Bq/m ³
103 861 282 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C167a (whiteboard)	First floor	40 ± 8 Bq/m ³
104 059 878 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C167b (shelf)	First floor	43 ± 8 Bq/m ³
103 504 965 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C167c (shelf)	First floor	45 ± 8 Bq/m ³
100 916 386 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C167d (shelf)	First floor	35 ± 8 Bq/m ³
103 980 686 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C169 staff washroom (paper dispenser)	First floor	27 ± 6 Bq/m ³
103 430 179 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C170 girls washroom (wing wall)	First floor	39 ± 8 Bq/m ³
102 394 582 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C168 boys washroom (wing wall)	First floor	62 ± 10 Bq/m ³

Comment to the results

Trygve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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Accred. no. 1489
Testing
ISO/IEC 17025

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331.814.2200, help@radonova.com

CANADA

OWN ID
N/A

BY
Radon Environmental Management Corp

REPORT RECEIVER(S)
Cameron_allenby@sd33.bc.ca

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DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
103 308 664 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 29 Gym (south west corner)	First floor	26 ± 12 Bq/m ³
103 932 992 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 29 gym (west centre between offices)	First floor	20 ± 6 Bq/m ³
102 189 644 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 29 gym (North west corner)	First floor	18 ± 6 Bq/m ³
103 173 357 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 29 gym (North east corner)	First floor	22 ± 6 Bq/m ³
103 427 985 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 29 gym (south east corner)	First floor	17 ± 4 Bq/m ³
103 420 022 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm A128 girls change room (above shower)	First floor	27 ± 6 Bq/m ³
102 268 224 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 122 girls change room (above stalls)	First floor	28 ± 12 Bq/m ³
105 267 090 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 121 boys change room (above stalls)	First floor	DNR
102 397 320 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 121A exterior bathroom (above stall)	First floor	30 ± 6 Bq/m ³
103 991 477 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 122A exterior bathroom (above stall)	First floor	47 ± 8 Bq/m ³
103 402 749 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm A127 accessible change room	First floor	29 ± 6 Bq/m ³
103 173 951 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm A123 storage	First floor	30 ± 6 Bq/m ³

Comment to the results

Trygve Rønnqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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103 173 969 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 142 stage (exit stage right)	First floor	332 ± 44 Bq/m ³
104 581 327 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	B136 washroom	First floor	DNR
104 688 031 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 124A instructors change room (stall)	First floor	38 ± 6 Bq/m ³
105 447 528 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B133 servery (upper cabinets)	First floor	63 ± 10 Bq/m ³
100 688 209 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B132 foods (sliding whiteboard)	First floor	83 ± 12 Bq/m ³
100 597 319 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B132a office (behind door)	First floor	78 ± 12 Bq/m ³
103 169 512 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 130 corridor (above lockers)		DNR
102 644 754 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm131 corridor (by B142 entry doors)	First floor	55 ± 8 Bq/m ³
102 849 973 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 124 Instructor (above Jakes desk)	First floor	21 ± 4 Bq/m ³
101 314 417 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 118C office (metal)	First floor	15 ± 4 Bq/m ³
102 943 131 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 118 metal (proud partners wall)	First floor	< 15 Bq/m ³
102 670 692 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm S06 stairwell	First floor	20 ± 4 Bq/m ³

Comment to the results

Trygve Rönqvist (Electronically signed)

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Chilliwack BC V2R 0B5

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
104 536 552 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm A117b office (wood)	First floor	26 ± 4 Bq/m ³
103 163 036 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 117 construction (above shreddy board stairs)	First floor	21 ± 4 Bq/m ³
102 544 970 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm A116 (whiteboard)	First floor	41 ± 8 Bq/m ³
103 276 853 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm A115b office (wood)	First floor	23 ± 6 Bq/m ³
103 222 451 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm A115 construction (stairs spaghetti board)	First floor	16 ± 4 Bq/m ³
105 204 077 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B114a office (filing cabinet)	First floor	44 ± 8 Bq/m ³
103 252 037 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 114 Home Ec (cabinet by door)	First floor	60 ± 10 Bq/m ³
103 146 981 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B112c office Art (tall boy)	First floor	37 ± 6 Bq/m ³
102 744 026 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B113 Art (slider)	First floor	32 ± 8 Bq/m ³
104 680 707 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B112a Art (side of shelf)	First floor	32 ± 6 Bq/m ³
100 947 613 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B112 Art (slider) Ms Kee	First floor	41 ± 6 Bq/m ³
100 885 367 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B111 girls bathroom (secret stall spot)	First floor	DNR

Comment to the results

Trygve Rønnqvist (Electronically signed)
Signature Radonova Laboratories Laboratory Measurement Specialist
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CANADA

OWN ID
N/A

BY
Radon Environmental Management Corp

REPORT RECEIVER(S)
Cameron_allenby@sd33.bc.ca

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-24**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
G.W. Graham Secondary
45955 Thomas Rd
Chilliwack BC V2R 0B5

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
103 256 251 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B110 staff bathroom (paper towel)	First floor	56 ± 8 Bq/m ³
100 308 410 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	B109 boys bathroom (secret stall spot)	First floor	DNR
100 444 363 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B107b (shelf)	First floor	63 ± 10 Bq/m ³
104 959 168 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	B107 Technology (sliders)	First floor	64 ± 10 Bq/m ³
103 900 916 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1020 Foods (slider)	First floor	25 ± 6 Bq/m ³
100 570 175 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1019 studio (top of uppers)	First floor	58 ± 8 Bq/m ³
104 775 424 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1018 studio (side of upper)	First floor	40 ± 8 Bq/m ³
103 406 674 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1016 Music (whiteboard)	First floor	15 ± 4 Bq/m ³
103 477 543 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1015 Kinesiology (single tallboy)	First floor	< 15 Bq/m ³
102 900 503 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1010 Fine Arts (top of cabinet in corner by door)	First floor	33 ± 6 Bq/m ³
103 358 933 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1000 Corridor (top of tall boy by 1015)	First floor	41 ± 8 Bq/m ³
103 260 014 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1009 Fine Arts (blind by door)	First floor	26 ± 6 Bq/m ³

Comment to the results

Trygve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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RADON MONITORING REPORT

Description of the measurement

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BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
103 134 706 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1005 washroom (light above sink)	First floor	34 ± 6 Bq/m ³
103 257 176 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1006 Staff washroom (by door)	First floor	39 ± 6 Bq/m ³
100 260 736 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1007 studio (upper cabinets)	First floor	26 ± 6 Bq/m ³
105 203 756 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1008 staff copy room (face of blind by sliding door)	First floor	21 ± 6 Bq/m ³
103 427 225 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1003 fashion design (on top of uppers by door)	First floor	25 ± 6 Bq/m ³
103 420 337 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1002 fashion Design (on top of upper by door)	First floor	24 ± 4 Bq/m ³
100 564 079 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1001 stair 1 stairwell (underneath stair landing)	First floor	60 ± 10 Bq/m ³
104 776 703 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B105 classroom (slider)	First floor	45 ± 8 Bq/m ³
100 883 065 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B104 classroom (slider)	First floor	54 ± 8 Bq/m ³
103 041 208 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 104A washroom (cabinet)	First floor	52 ± 8 Bq/m ³
100 594 498 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B103 The hub (tall cabinet shelf by oven)	First floor	53 ± 8 Bq/m ³
102 644 275 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 103A bathroom	First floor	54 ± 10 Bq/m ³

Comment to the results

Tryggve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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RADON MONITORING REPORT

Description of the measurement

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BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
105 055 297 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B103a bathroom (tall boy)	First floor	55 ± 10 Bq/m ³
104 776 869 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B139 custodial office storage (coat rack)	First floor	70 ± 10 Bq/m ³
104 069 836 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B103c office (uppers)	First floor	57 ± 8 Bq/m ³
103 537 833 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B103d (whiteboard)	First floor	50 ± 8 Bq/m ³
105 160 436 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	B102 Hub (uppers)	First floor	52 ± 8 Bq/m ³
104 799 150 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm bear Necessities (outside in hallway)	First floor	DNR
105 140 644 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 100 lobby (by B139)	First floor	DNR
103 140 828 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 106 corridor (by B107)	First floor	41 ± 6 Bq/m ³
105 615 520 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C184 Library (back of post by main desk)	First floor	58 ± 8 Bq/m ³
102 360 559 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C184a (window frame)	First floor	82 ± 16 Bq/m ³
100 203 454 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C184a (sink room upper)	First floor	DNR
102 940 434 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C185 library meeting room (window frame)	First floor	62 ± 10 Bq/m ³

Comment to the results

Trygve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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REPORT RECEIVER(S)
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RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

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Property data and address

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BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
104 506 423 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C184c Julie Conklin youth worker (shelf)	First floor	DNR
102 177 201 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C183 computer Centre (slider)	First floor	49 ± 8 Bq/m ³
100 435 981 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C182 Kathryn Fehr youth worker (shelf)	First floor	71 ± 12 Bq/m ³
102 119 898 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C181 Ms Navarro youth worker (shelf)	First floor	56 ± 8 Bq/m ³
103 162 905 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C179 inclusion teacher (shelf)	First floor	25 ± 6 Bq/m ³
105 368 377 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C178 LALD (above teachers desk)	First floor	27 ± 6 Bq/m ³
100 646 041 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C177 ESL (slider)	First floor	27 ± 6 Bq/m ³
103 885 448 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C175 classroom (sliders)	First floor	36 ± 6 Bq/m ³
101 016 343 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C174 classroom (slider)	First floor	34 ± 6 Bq/m ³
103 040 663 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C172 computer lab (slider)	First floor	34 ± 12 Bq/m ³
103 171 377 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C171a (uppers)	First floor	48 ± 8 Bq/m ³
103 171 088 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C171b (above sink)	First floor	42 ± 8 Bq/m ³

Comment to the results

Trygve Rönqvist (Electronically signed)

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REPORT RECEIVER(S)
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RADON MONITORING REPORT

Description of the measurement

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BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
100 372 002 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm C171 business ED (slider)	First floor	33 ± 6 Bq/m ³
102 132 495 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm S14 stairwell (behind door)	First floor	33 ± 6 Bq/m ³
100 190 032 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B152b music office (shelf)	First floor	55 ± 8 Bq/m ³
100 372 820 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B152c practice rm (window frame)	First floor	58 ± 8 Bq/m ³
100 408 871 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B152d practice rm (window frame)	First floor	63 ± 14 Bq/m ³
105 686 307 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B152e practice rm (window frame)	First floor	58 ± 8 Bq/m ³
105 343 271 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 152 music (slider)	First floor	47 ± 8 Bq/m ³
101 567 741 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B154 boys bathroom (under sink)	First floor	62 ± 10 Bq/m ³
100 746 486 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B153 accessible bathroom (dispenser)	First floor	DNR
102 367 794 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm B150 girls bathroom (under sink)	First floor	51 ± 8 Bq/m ³
103 468 526 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 146 small gym (south west corner)	First floor	40 ± 8 Bq/m ³
104 779 509 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 146 small gym (south east corner)	First floor	45 ± 8 Bq/m ³

Comment to the results

Trygve Rönqvist (Electronically signed)

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RADON MONITORING REPORT

Description of the measurement

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BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
104 688 122 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 146 small gym (North west corner)	First floor	47 ± 8 Bq/m ³
101 190 155 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 134 multipurpose rm (centre by tv)	First floor	66 ± 10 Bq/m ³
102 364 833 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Portable 1 (side of tall boy)	First floor	< 15 Bq/m ³
103 432 753 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Portable 2 (beam post)	First floor	< 15 Bq/m ³
101 363 737 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Portable 3 (speaker shelf)		< 15 Bq/m ³
103 113 205 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm trade sampler (cupboard)	First floor	35 ± 6 Bq/m ³
103 167 565 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1054 office (cupboards)	First floor	44 ± 8 Bq/m ³
104 746 987 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1052 computer (upper cabinets)	First floor	35 ± 6 Bq/m ³
103 166 575 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1051 Mechatronics Metal (metal cabinet)	First floor	35 ± 6 Bq/m ³
102 337 508 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1055 Mechatronics wood (metal shelving)	First floor	58 ± 8 Bq/m ³

Comment to the results

Tryggve Rönqvist (Electronically signed)

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Measurement method: Closed alpha-track detector (Radtrak²®/Radtrak³®)

OWN ID

The radon measurement was performed with a closed alpha-track detector following the quality assurance guidance given in CNRPP-AL-DF-v6. The detector container is manufactured from electrically conducting plastic. Through a small slit (filter), radon gas enters the detector. The track-detecting material (film) inside the detector is hit by alpha particles generated by the radon entering the container and the decay products formed from it. On the film, the alpha particles make small tracks which are enlarged through chemical etching and later analyzed via our proprietary Track-Etch(R) methodology to determine the radon exposure. Radonova Laboratories (P.O. Box 6522, SE-751 38 Uppsala, Sweden) is accredited (no. 1489) by SWEDAC to conduct radon-gas measurements using the closed alpha-track detector method. The analysis equipment is checked daily and the detectors are calibrated at regular intervals. CNRPP License CRT 201475.

Measured radon concentrations

For each detector, the measured value of the radon concentration is provided. For each value an uncertainty associated with the measurement to a 95% confidence level is also provided. For example a measurement result of $200 \pm 30 \text{ Bq/m}^3$ means that the radon concentration is most likely contained in the range 170 - 230 Bq/m^3 . If the start or end date of the measurement has not been provided, the radon concentration cannot be calculated. In such cases, the total exposure in kBqh/m^3 will be reported. The average radon concentration can be calculated by dividing the total exposure with the number of measured hours and multiplying that result with 1000. The reported measured values are related to the detectors as received by Radonova Laboratories. Detector deployment is not performed by Radonova Laboratories. Measurement information such as monitoring period (dates) and placement location is provided to Radonova Laboratories by the end user. The presented results apply only to the samples tested.

Codes on non-reportable detectors

DNR	Not Reported – Detector Not Returned
VTW	Not Reported – Visibly Tampered With
FBD	Not Reported – Film Broken or Damaged
LIL	Not Reported – Lost in Lab
DTO	Not Reported – Detector Too Old

Measurement method versions used when the report was created

CNRPP-AL-DF-v6, October 2018, Quality Control and Quality Assurance Manual for Radon Sampling and Analysis
ISO 11665-4:2021, Measurement of radioactivity in the environment — Air: radon-222

Radon measurements in Schools and Public Buildings

Health Canada recommends that the radon test performed in a home or public building be a long-term measurement. Health Canada does not recommend a test of duration less than one month. A minimum of 3 months is recommended and 12 months is optimum. If the long-term measurement results are below 200 Bq/m^3 , the average annual concentration in the home or building is probably below 200 Bq/m^3 and further measurements are not necessary and remedial action is not recommended. If the measured concentration is above 200 Bq/m^3 in schools, a follow-up short-term measurement is recommended in order to estimate the radon concentration during school hours:

Schools_hours_concentration = Long_term_concentration * (Short_term_schools_hours / Short_term_average).

If the long term average radon concentration during school hours is above 200 Bq/m^3 , remedial action is recommended (see the Health Canada Publication Guide for Radon Measurements in Public Buildings for more information)

Workplaces

Radon in workplaces should be handled according to the Canadian Guidelines for the Management of Naturally Occurring Radioactive Materials (NORM).

Average Annual Concentrations	NORM Program Classification
800 - 3000 Bq/m^3	Radiation Protection Management
200 - 800 Bq/m^3	NORM Management
< 200 Bq/m^3	Unrestricted

Signature on the report

With the signature on the report, the person responsible for the radon analysis at Radonova Laboratories follows the guidance in accordance with CNRPP-AL-DF-v6 and that the demands from SWEDAC

Measurement information displayed in italics on report has been provided by the customer.



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RADON MONITORING REPORT

Mount Slesse Middle School

5871 Tyson Rd

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REPORT DATE

2024-05-02

Chilliwack School District #33
44877 Yale Rd
Chilliwack BC CANADA

BY
Radon Environmental Management Corp

REPORT RECEIVER(S)
cameron_allenby@sd33.bc.ca

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-24**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Mount Slesse Middle School
5871 Tyson Rd
Chilliwack BC V2R 3R6

BUILDING ID

TYPE OF BUILDING: School BUILDING YEAR: 1996 VENTILATION TYPE: Forced air FOUNDATION TYPE: PURPOSE OF TEST: Primary Screening

Test results

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
104 068 846 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S119 top west corner sliding whiteboard	Ground floor	< 15 Bq/m ³
100 312 420 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S117 stairwell between lights	Ground floor	15 ± 4 Bq/m ³
103 168 183 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S116 top west corner sliding whiteboard	Ground floor	23 ± 4 Bq/m ³
101 263 192 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S115 top east corner sliding whiteboard	Ground floor	22 ± 4 Bq/m ³
100 817 519 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S120 Prep top of shelving by tackboard	Ground floor	DNR
103 746 798 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S121 top of cabinet north wall by speaker	Ground floor	15 ± 4 Bq/m ³
103 880 860 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S122 wall above tackboard	Ground floor	16 ± 4 Bq/m ³
102 540 606 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S123 top of cabinets above mw	Ground floor	23 ± 4 Bq/m ³
104 962 444 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	Hallway message board	Ground floor	DNR

Comment to the results

ERR = detector 104710397 cannot be reported as the track film was missing in the detector upon arrival at the laboratory.

Tryggve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
103 877 684 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S124 whiteboard	Ground floor	< 15 Bq/m ³
105 049 126 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S126 top corner sliding whiteboard	Ground floor	23 ± 4 Bq/m ³
100 456 086 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S128 stairwell between lights	Ground floor	< 15 Bq/m ³
101 293 280 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S129 top corner sliding whiteboard	Ground floor	28 ± 6 Bq/m ³
104 890 009 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S130 Top of sliding whiteboard	Ground floor	19 ± 6 Bq/m ³
102 381 522 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S131 library shelf by speaker	Ground floor	29 ± 6 Bq/m ³
101 232 627 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S114 staff washroom behind door	Ground floor	DNR
102 599 339 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S111 Boys washroom wall by speaker	Ground floor	DNR
105 041 388 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S108 Girls washroom by glass block	Ground floor	DNR
101 307 148 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S132 Staff prep on cabinet above sink	Ground floor	22 ± 4 Bq/m ³
103 221 438 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S219 top os sliding whiteboard cabinet	Second floor	< 15 Bq/m ³
103 241 352 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S215 wall by bookshelf	Second floor	< 15 Bq/m ³

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102 677 697 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	W100 Main corr. Behind tv	Second floor	DNR
102 678 281 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S224 Whiteboard	Second floor	15 ± 4 Bq/m ³
103 933 552 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S226 Top of sliding whiteboard cabinet	Second floor	< 15 Bq/m ³
104 061 544 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S229 Top of whiteboard by window	Second floor	< 15 Bq/m ³
104 581 996 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S231 Whiteboard by teacher desk	Second floor	20 ± 4 Bq/m ³
103 617 908 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	Boys washroom above inside door	Second floor	DNR
103 195 228 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	Main entry beside tv	First floor	< 15 Bq/m ³
102 869 625 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	S101 work	First floor	20 ± 4 Bq/m ³
103 853 834 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	Library back workspace office	First floor	< 15 Bq/m ³
103 228 284 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	W105 Prep on cabinet above sink	First floor	15 ± 4 Bq/m ³
100 985 043 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	W131 Whiteboard behind teacher desk	First floor	17 ± 6 Bq/m ³
103 265 708 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	W130 on top of sliding whiteboard cabinet	First floor	15 ± 4 Bq/m ³

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103 964 680 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	W129 on top of sliding whiteboard cabinet	First floor	< 15 Bq/m ³
103 524 443 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	W126 bookshelf beside sliding whiteboard	First floor	19 ± 8 Bq/m ³
100 186 154 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	W121 ontop of sliding whiteboard cabinet	First floor	< 24 Bq/m ³
105 056 360 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	W123 whiteboard	First floor	DNR
103 692 869 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	W300 corridor lounge	First floor	DNR
102 542 214 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	W124 on cabinets above fridge	First floor	< 15 Bq/m ³
100 952 282 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	W122 edge of library shelf	First floor	< 15 Bq/m ³
102 115 102 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	W117 Prep on top of tall cabinets	First floor	< 15 Bq/m ³
100 639 772 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	W119 top bookshelf beside sliding whiteboard	First floor	16 ± 4 Bq/m ³
104 714 936 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	W116 on top of sliding whiteboard cabinet		< 15 Bq/m ³
104 643 499 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	W115 on top of sliding whiteboard	First floor	< 24 Bq/m ³
105 403 869 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	W107 HC washroom on top of cabinet	First floor	DNR

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103 650 297 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	W104 Boys washroom above inside door	First floor	DNR
102 165 693 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	W101 Girls washroom above inside door	First floor	DNR
104 657 028 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N110 Counselling centre bulkhead	First floor	DNR
104 886 452 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	Counselling office(Moens/Karremann)	First floor	< 15 Bq/m ³
103 409 595 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	Counselling office (Young)	First floor	DNR
104 815 857 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N203 Fan room above door	First floor	DNR
103 301 768 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	On top of lost and found by MPR	First floor	< 24 Bq/m ³
104 997 416 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N105 Music by projector	First floor	17 ± 4 Bq/m ³
100 459 833 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	Music office windowframe	First floor	< 15 Bq/m ³
105 144 059 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	Music practice rm1	First floor	15 ± 4 Bq/m ³
103 809 455 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	Music practice rm2	First floor	< 15 Bq/m ³
103 858 734 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N162 Tech lab above sliding whiteboard unit	First floor	< 15 Bq/m ³

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101 277 796 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N111 Dark room side of wall cabinet	First floor	< 15 Bq/m ³
105 289 920 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N112 Video editing	First floor	< 15 Bq/m ³
103 258 695 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N156 Shop window frame beside clock	First floor	15 ± 6 Bq/m ³
101 304 582 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N116 finish room	First floor	< 15 Bq/m ³
102 457 223 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N114 office window frame	First floor	< 15 Bq/m ³
103 308 490 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	Gym entrance	First floor	< 15 Bq/m ³
105 647 929 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	Gym folding wall	First floor	< 15 Bq/m ³
103 672 242 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	North wall	First floor	< 15 Bq/m ³
104 700 836 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	East wall	First floor	< 24 Bq/m ³
103 653 374 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N115 Office on wall cabinet	First floor	15 ± 4 Bq/m ³
104 683 008 [Radtrak ³ ®]	2023-12-16 – 2024-04-11	N113 Office on wall cabinet	First floor	< 15 Bq/m ³
102 250 446 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N119 Girls chgrm fountain mirror	First floor	< 15 Bq/m ³

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105 354 252 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N125 Boys chngm mirror	First floor	DNR
103 429 692 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	Mini gum hallway	First floor	DNR
104 836 481 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N130 mini gym on side of speaker shelf	First floor	< 15 Bq/m ³
103 632 667 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	Minigym girls washroom	First floor	16 ± 4 Bq/m ³
100 136 092 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	Minigym boys washroom	First floor	16 ± 6 Bq/m ³
104 710 397 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N135 Drama on storage cabinet	First floor	ERR
105 014 682 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N126 Drama office	First floor	< 15 Bq/m ³
102 439 320 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N132 Stage	First floor	< 15 Bq/m ³
103 721 387 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N140 Art sliding whiteboard unit	First floor	< 15 Bq/m ³
100 881 747 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N142 Art office o library shelving	First floor	DNR
100 908 441 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N145 Textiles on sliding whiteboard unit	First floor	< 15 Bq/m ³
103 954 707 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N128 Dress	First floor	DNR

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102 442 191 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N131 Prep cabinet over fridge	First floor	< 24 Bq/m ³
103 637 567 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N150 Foods on top of sliding whiteboard unit	First floor	< 15 Bq/m ³
103 257 796 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N134 Canteen on top of microwave cabinet	First floor	< 15 Bq/m ³
103 601 613 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	Canteen rollup frame	First floor	< 15 Bq/m ³
100 911 874 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N143 Health room window frame	First floor	< 15 Bq/m ³
102 699 154 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N142 HC washroom	First floor	DNR
101 247 484 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N144 CHG	First floor	17 ± 6 Bq/m ³
103 878 054 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N124 Mens washroom	First floor	< 16 Bq/m ³
104 784 608 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N123 Womens washroom	First floor	< 15 Bq/m ³
104 524 186 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N148 Copy on top of upper cabinets	First floor	< 15 Bq/m ³
100 306 240 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N137 Phone room	First floor	< 15 Bq/m ³
103 256 467 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N136 Lockers	First floor	15 ± 4 Bq/m ³

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100 677 921 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N120 Staffroom on tall cabinet	First floor	< 15 Bq/m ³
104 579 099 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	Vice principal Conference above tackboard	First floor	DNR
104 140 587 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N151 Vice principal window frame	First floor	DNR
100 351 634 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	152 General office	First floor	29 ± 6 Bq/m ³
102 451 077 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N153 Principal door frame	First floor	19 ± 4 Bq/m ³
105 117 881 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	N150 Conference above tackboard	First floor	DNR
102 941 325 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	Portable #1 whiteboard	First floor	< 15 Bq/m ³
103 008 983 [Radtrak ³ ®]	2023-12-16 – 2024-04-06	Portable #5 whiteboard	First floor	DNR

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Tryggve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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Measurement method: Closed alpha-track detector (Radtrak²®/Radtrak³®)

OWN ID

The radon measurement was performed with a closed alpha-track detector following the quality assurance guidance given in CNRPP-AL-DF-v6. The detector container is manufactured from electrically conducting plastic. Through a small slit (filter), radon gas enters the detector. The track-detecting material (film) inside the detector is hit by alpha particles generated by the radon entering the container and the decay products formed from it. On the film, the alpha particles make small tracks which are enlarged through chemical etching and later analyzed via our proprietary Track-Etch(R) methodology to determine the radon exposure. Radonova Laboratories (P.O. Box 6522, SE-751 38 Uppsala, Sweden) is accredited (no. 1489) by SWEDAC to conduct radon-gas measurements using the closed alpha-track detector method. The analysis equipment is checked daily and the detectors are calibrated at regular intervals. CNRPP License CRT 201475.

Measured radon concentrations

For each detector, the measured value of the radon concentration is provided. For each value an uncertainty associated with the measurement to a 95% confidence level is also provided. For example a measurement result of $200 \pm 30 \text{ Bq/m}^3$ means that the radon concentration is most likely contained in the range 170 - 230 Bq/m^3 . If the start or end date of the measurement has not been provided, the radon concentration cannot be calculated. In such cases, the total exposure in kBqh/m^3 will be reported. The average radon concentration can be calculated by dividing the total exposure with the number of measured hours and multiplying that result with 1000. The reported measured values are related to the detectors as received by Radonova Laboratories. Detector deployment is not performed by Radonova Laboratories. Measurement information such as monitoring period (dates) and placement location is provided to Radonova Laboratories by the end user. The presented results apply only to the samples tested.

Codes on non-reportable detectors

DNR	Not Reported – Detector Not Returned
VTW	Not Reported – Visibly Tampered With
FBD	Not Reported – Film Broken or Damaged
LIL	Not Reported – Lost in Lab
DTO	Not Reported – Detector Too Old

Measurement method versions used when the report was created

CNRPP-AL-DF-v6, October 2018, Quality Control and Quality Assurance Manual for Radon Sampling and Analysis
ISO 11665-4:2021, Measurement of radioactivity in the environment — Air: radon-222

Radon measurements in Schools and Public Buildings

Health Canada recommends that the radon test performed in a home or public building be a long-term measurement. Health Canada does not recommend a test of duration less than one month. A minimum of 3 months is recommended and 12 months is optimum. If the long-term measurement results are below 200 Bq/m^3 , the average annual concentration in the home or building is probably below 200 Bq/m^3 and further measurements are not necessary and remedial action is not recommended. If the measured concentration is above 200 Bq/m^3 in schools, a follow-up short-term measurement is recommended in order to estimate the radon concentration during school hours:

Schools_hours_concentration = Long_term_concentration * (Short_term_schools_hours / Short_term_average).

If the long term average radon concentration during school hours is above 200 Bq/m^3 , remedial action is recommended (see the Health Canada Publication Guide for Radon Measurements in Public Buildings for more information)

Workplaces

Radon in workplaces should be handled according to the Canadian Guidelines for the Management of Naturally Occurring Radioactive Materials (NORM).

Average Annual Concentrations	NORM Program Classification
800 - 3000 Bq/m^3	Radiation Protection Management
200 - 800 Bq/m^3	NORM Management
< 200 Bq/m^3	Unrestricted

Signature on the report

With the signature on the report, the person responsible for the radon analysis at Radonova Laboratories follows the guidance in accordance with CNRPP-AL-DF-v6 and that the demands from SWEDAC

Measurement information displayed in italics on report has been provided by the customer.



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331.814.2200, help@radonova.com

RADON MONITORING REPORT

Promontory Heights Elementary Community School

46200 Stoneview Dr

Chilliwack BC V2R 5W8

REPORT DATE

2024-05-15

CANADA

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.

They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS

Promontory Heights Elementary Community
School 46200 Stoneview Dr
Chilliwack BC V2R 5W8

BUILDING ID

TYPE OF BUILDING:

School

BUILDING YEAR:

2000

VENTILATION TYPE:

Forced air

FOUNDATION TYPE:

Slab on grade

PURPOSE OF TEST:

Primary Screening

Test results

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
102 902 970 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Gym south basketball hoop	First floor	DNR
100 244 904 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Northwest basketball hoop	First floor	< 15 Bq/m ³
105 242 754 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Northeast basketball hoop	First floor	< 15 Bq/m ³
104 770 375 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Boys changeroom	First floor	< 22 Bq/m ³
103 681 706 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Universal washroom/storage rm	First floor	< 15 Bq/m ³
104 112 669 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 117	First floor	< 15 Bq/m ³
105 585 822 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm116 tallboy cabinet	First floor	< 15 Bq/m ³
101 358 208 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm120 kitchen cabinet by speaker	First floor	< 15 Bq/m ³
104 929 948 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Universal washroom	First floor	< 15 Bq/m ³

Comment to the results

Trygve Rönngvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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LOMBARD, IL 60148
331.814.2200, help@radonova.com

CANADA

BY

Radon Environmental Management Corp

REPORT RECEIVER(S)

cameron_allenby@sd33.bc.ca

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²/³) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS

Promontory Heights Elementary Community School

46200 Stoneview Dr

Chilliwack BC V2R 5W8

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
103 284 196 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm115 by projector screen	First floor	< 22 Bq/m ³
102 381 555 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Gym hallway	First floor	< 22 Bq/m ³
103 011 581 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Girls changeroom	First floor	< 15 Bq/m ³
103 956 678 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	115A PHECSA	First floor	< 15 Bq/m ³
104 876 826 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm131	First floor	< 15 Bq/m ³
103 486 379 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Library	First floor	< 15 Bq/m ³
103 162 970 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	General office filing cabinet	First floor	< 15 Bq/m ³
102 600 533 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm114 principals office	First floor	< 15 Bq/m ³
100 946 953 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm112 vice principal	First floor	< 15 Bq/m ³
100 980 408 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm106Copy/health room	First floor	< 15 Bq/m ³
103 138 293 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Staff washroom	First floor	< 15 Bq/m ³
104 939 491 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Staffroom wshrm#1	First floor	< 15 Bq/m ³

Comment to the results

Tryggve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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CA_EN_001_REPORT_v240422:1.ppcd

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²/³) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Promontory Heights Elementary Community School
46200 Stoneview Dr
Chilliwack BC V2R 5W8

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
103 802 286 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Staffroom wshrm#2	First floor	< 15 Bq/m ³
104 641 378 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Staffroom above sink	First floor	< 15 Bq/m ³
103 163 499 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm129 computer lab	First floor	< 15 Bq/m ³
103 167 227 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm143 kindergarten	Ground floor	< 15 Bq/m ³
102 269 248 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm144	Ground floor	< 15 Bq/m ³
102 290 236 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm140 kitchen	Ground floor	< 15 Bq/m ³
100 132 562 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm139 kindergarten	Ground floor	< 15 Bq/m ³
102 727 898 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm141	Ground floor	< 15 Bq/m ³
105 432 777 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm138 Counsellor/Speech/Language	Ground floor	< 15 Bq/m ³
100 132 323 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm137 Indigenous support	Ground floor	< 15 Bq/m ³
103 988 606 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Hallway tallboy	Ground floor	DNR
103 420 238 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Girls washroom	Ground floor	< 15 Bq/m ³

Comment to the results

Trygve Rönngvist (Electronically signed)
Signature Radonova Laboratories Laboratory Measurement Specialist
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RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Promontory Heights Elementary Community School
46200 Stoneview Dr
Chilliwack BC V2R 5W8

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
100 957 349 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Boys washroom	Ground floor	< 15 Bq/m ³
103 484 945 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm136 learning assistance tallboy	Ground floor	< 15 Bq/m ³
102 608 916 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm135 library shelf right of projector	Ground floor	< 15 Bq/m ³
103 210 407 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm155	Ground floor	< 15 Bq/m ³
101 091 288 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm156	Ground floor	< 15 Bq/m ³
103 769 154 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm134	Ground floor	< 15 Bq/m ³
103 425 385 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm157	Ground floor	< 15 Bq/m ³
101 179 810 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Stairwell	Ground floor	< 15 Bq/m ³
103 645 149 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Boys washroom#2	Ground floor	< 15 Bq/m ³
103 415 972 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Girls washroom#2	Ground floor	< 15 Bq/m ³
102 818 002 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Staff washroom	Ground floor	< 15 Bq/m ³
100 456 151 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm164 Resource	Ground floor	< 15 Bq/m ³

Comment to the results

Trygve Rönqvist (Electronically signed)
Signature Radonova Laboratories Laboratory Measurement Specialist
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RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Promontory Heights Elementary Community School
46200 Stoneview Dr
Chilliwack BC V2R 5W8

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
104 934 021 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm159	Ground floor	< 15 Bq/m ³
100 876 556 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm163	Ground floor	< 15 Bq/m ³
103 135 067 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Hallway#2	Ground floor	DNR
104 761 754 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm161	Ground floor	< 22 Bq/m ³
102 253 986 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm162	Ground floor	< 15 Bq/m ³
104 662 531 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm224	Second floor	< 15 Bq/m ³
102 467 099 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm221		< 22 Bq/m ³
100 726 777 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Makerspace/multipurpose	Second floor	< 15 Bq/m ³
102 504 602 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Staff room	Second floor	< 15 Bq/m ³
103 242 111 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Hallway	Second floor	< 15 Bq/m ³
102 369 766 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm218	Second floor	< 15 Bq/m ³
105 318 513 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm203	Second floor	< 15 Bq/m ³

Comment to the results

Tryggve Rönngvist (Electronically signed)
Signature Radonova Laboratories Laboratory Measurement Specialist
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CANADA

BY
Radon Environmental Management Corp

REPORT RECEIVER(S)
cameron_allenby@sd33.bc.ca

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Promontory Heights Elementary Community School
46200 Stoneview Dr
Chilliwack BC V2R 5W8

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
102 431 038 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Girls washroom	Second floor	< 15 Bq/m ³
102 125 325 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm207	Second floor	< 15 Bq/m ³
102 440 930 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm209	Second floor	< 15 Bq/m ³
105 396 907 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Portable 88		< 15 Bq/m ³
105 396 683 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Portable 81		< 15 Bq/m ³
104 777 982 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Portable55		< 15 Bq/m ³
102 399 714 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Portable 35		< 15 Bq/m ³
103 959 656 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Portable 57		< 15 Bq/m ³
100 701 101 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Mingym/Multipurpose	Ground floor	< 15 Bq/m ³

Comment to the results

Tryggve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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CA_EN_001_REPORT_v240422:1.ppcd

Measurement method: Closed alpha-track detector (Radtrak²®/Radtrak³®)

OWN ID

The radon measurement was performed with a closed alpha-track detector following the quality assurance guidance given in CNRPP-AL-DF-v6. The detector container is manufactured from electrically conducting plastic. Through a small slit (filter), radon gas enters the detector. The track-detecting material (film) inside the detector is hit by alpha particles generated by the radon entering the container and the decay products formed from it. On the film, the alpha particles make small tracks which are enlarged through chemical etching and later analyzed via our proprietary Track-Etch(R) methodology to determine the radon exposure. Radonova Laboratories (P.O. Box 6522, SE-751 38 Uppsala, Sweden) is accredited (no. 1489) by SWEDAC to conduct radon-gas measurements using the closed alpha-track detector method. The analysis equipment is checked daily and the detectors are calibrated at regular intervals. CNRPP License CRT 201475.

Measured radon concentrations

For each detector, the measured value of the radon concentration is provided. For each value an uncertainty associated with the measurement to a 95% confidence level is also provided. For example a measurement result of $200 \pm 30 \text{ Bq/m}^3$ means that the radon concentration is most likely contained in the range 170 - 230 Bq/m^3 . If the start or end date of the measurement has not been provided, the radon concentration cannot be calculated. In such cases, the total exposure in kBqh/m^3 will be reported. The average radon concentration can be calculated by dividing the total exposure with the number of measured hours and multiplying that result with 1000. The reported measured values are related to the detectors as received by Radonova Laboratories. Detector deployment is not performed by Radonova Laboratories. Measurement information such as monitoring period (dates) and placement location is provided to Radonova Laboratories by the end user. The presented results apply only to the samples tested.

Codes on non-reportable detectors

DNR	Not Reported – Detector Not Returned
VTW	Not Reported – Visibly Tampered With
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Measurement method versions used when the report was created

CNRPP-AL-DF-v6, October 2018, Quality Control and Quality Assurance Manual for Radon Sampling and Analysis
ISO 11665-4:2021, Measurement of radioactivity in the environment — Air: radon-222

Radon measurements in Schools and Public Buildings

Health Canada recommends that the radon test performed in a home or public building be a long-term measurement. Health Canada does not recommend a test of duration less than one month. A minimum of 3 months is recommended and 12 months is optimum. If the long-term measurement results are below 200 Bq/m^3 , the average annual concentration in the home or building is probably below 200 Bq/m^3 and further measurements are not necessary and remedial action is not recommended. If the measured concentration is above 200 Bq/m^3 in schools, a follow-up short-term measurement is recommended in order to estimate the radon concentration during school hours:

Schools_hours_concentration = Long_term_concentration * (Short_term_schools_hours / Short_term_average).

If the long term average radon concentration during school hours is above 200 Bq/m^3 , remedial action is recommended (see the Health Canada Publication Guide for Radon Measurements in Public Buildings for more information)

Workplaces

Radon in workplaces should be handled according to the Canadian Guidelines for the Management of Naturally Occurring Radioactive Materials (NORM).

Average Annual Concentrations	NORM Program Classification
800 - 3000 Bq/m^3	Radiation Protection Management
200 - 800 Bq/m^3	NORM Management
< 200 Bq/m^3	Unrestricted

Signature on the report

With the signature on the report, the person responsible for the radon analysis at Radonova Laboratories follows the guidance in accordance with CNRPP-AL-DF-v6 and that the demands from SWEDAC

Measurement information displayed in italics on report has been provided by the customer.



DISCLAIMER

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LOMBARD, IL 60148
331.814.2200, help@radonova.com



RADON MONITORING REPORT

Stitó:s Lá:lém Totí:lt Elementary / Middle School

5337 Tyson Rd

Chilliwack BC BC V2R 0P1

REPORT DATE

2024-05-15

Chilliwack School District #33

5337 Tyson Rd

Chilliwack BC BC V2R 0P1

CANADA

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.

They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS

Stitó:s Lá:lém Totí:lt Elementary / Middle School

5337 Tyson Rd

Chilliwack BC BC V2R 0P1

BUILDING ID

TYPE OF BUILDING:

School

BUILDING YEAR:

2022

VENTILATION TYPE:

Forced air

FOUNDATION TYPE:

Slab on grade

PURPOSE OF TEST:

Primary Screening

Test results

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
102 537 818 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1000A- fire control panel	First floor	DNR
100 516 186 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1000-top of scooter rack	First floor	19 ± 4 Bq/m ³
104 751 433 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1050A- concrete post	First floor	< 22 Bq/m ³
100 926 047 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1051- room sign	First floor	20 ± 4 Bq/m ³
103 826 384 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1052-window stile	First floor	22 ± 4 Bq/m ³
102 641 511 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1054- room sign	First floor	21 ± 4 Bq/m ³
102 633 286 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1053-window stile	First floor	27 ± 6 Bq/m ³
103 835 377 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1057-paper dispenser	First floor	< 22 Bq/m ³
106 169 634 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1058-napkin dispenser	First floor	28 ± 6 Bq/m ³

Comment to the results

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Trygve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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Chilliwack School District #33
5337 Tyson Rd
Chilliwack BC BC V2R 0P1
CANADA

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²/[®]/Radtrak³[®]) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Stitó:s Lá:lém Totí:lt Elementary / Middle School
5337 Tyson Rd
Chilliwack BC BC V2R 0P1

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
103 575 395 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1055-under pen upper	First floor	DNR
102 182 615 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1061-whiteboard	First floor	22 ± 6 Bq/m ³
104 877 832 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1062-whiteboard	First floor	15 ± 6 Bq/m ³
104 633 946 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1060-whiteboard	First floor	29 ± 6 Bq/m ³
105 380 851 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1068-dyson	First floor	50 ± 8 Bq/m ³
103 205 357 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1067-dyson	First floor	74 ± 12 Bq/m ³
102 347 465 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1066-napkin disp	First floor	DNR
104 762 125 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1065-partition	First floor	DNR
104 066 188 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1064-partition	First floor	22 ± 6 Bq/m ³
102 170 248 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1080a- mirror	First floor	22 ± 4 Bq/m ³
104 170 840 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1080- slider side	First floor	18 ± 6 Bq/m ³
101 156 826 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1080b- side of upper	First floor	21 ± 6 Bq/m ³

Comment to the results

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Trygve Rönnqvist (Electronically signed)

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BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
100 223 205 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1082a- mirror	First floor	< 15 Bq/m ³
100 318 104 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1082- slider side	First floor	21 ± 6 Bq/m ³
102 411 204 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1084- slider side	First floor	29 ± 6 Bq/m ³
100 619 170 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1084b- side of upper	First floor	33 ± 6 Bq/m ³
103 136 008 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1086- slider	First floor	22 ± 6 Bq/m ³
101 142 420 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1086a-mirror	First floor	< 15 Bq/m ³
103 503 306 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1102- slider	First floor	< 22 Bq/m ³
104 813 076 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1102a- mirror	First floor	< 15 Bq/m ³
105 161 715 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1104-slider	First floor	20 ± 4 Bq/m ³
102 413 820 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1104a- mirror	First floor	< 22 Bq/m ³
103 295 846 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1106- slider	First floor	25 ± 8 Bq/m ³
102 736 634 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1106a- mirror	First floor	32 ± 8 Bq/m ³

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BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
103 008 686 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1106b- upper side	First floor	< 15 Bq/m ³
104 737 382 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1108-slider	First floor	< 22 Bq/m ³
103 706 917 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1110-slider	First floor	23 ± 4 Bq/m ³
101 269 033 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1110a- window frame	First floor	18 ± 8 Bq/m ³
100 423 136 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1112- slider	First floor	22 ± 8 Bq/m ³
103 634 564 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Hallway outside room 1112-frame by extinguisher	First floor	17 ± 6 Bq/m ³
105 153 043 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1007- slider	First floor	30 ± 6 Bq/m ³
103 681 250 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1011- whiteboard by teacher desk	First floor	51 ± 8 Bq/m ³
101 247 062 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1015- upper side	First floor	< 15 Bq/m ³
103 782 504 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1021- dressing room door	First floor	22 ± 4 Bq/m ³
105 635 056 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1022- tallboy	First floor	< 22 Bq/m ³
104 112 008 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1022a- mirror	First floor	< 15 Bq/m ³

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CANADA

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

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Property data and address

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BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
105 220 818 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1020b- extinguisher	First floor	19 ± 4 Bq/m ³
100 842 970 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1023-slider	First floor	23 ± 8 Bq/m ³
100 309 707 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1020a- interior door set frame	First floor	DNR
105 375 976 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1020- tallboy	First floor	DNR
103 335 469 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	S3- side of stairs	First floor	DNR
103 386 801 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1118 west- concrete interior wall	First floor	DNR
101 254 415 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1118 east- concrete interior wall	First floor	23 ± 6 Bq/m ³
105 363 626 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1114- room sign	First floor	19 ± 6 Bq/m ³
104 885 967 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1030- below clock	First floor	DNR
100 808 682 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1030-SE above bleachers	First floor	37 ± 8 Bq/m ³
104 124 995 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1030- NE above bleachers	First floor	DNR
102 608 445 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1030-SW hall door	First floor	< 22 Bq/m ³

Comment to the results

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Tryggve Rönqvist (Electronically signed)
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Chilliwack School District #33

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DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
103 904 819 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1032-tallboy	First floor	27 ± 6 Bq/m ³
103 959 094 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1035- big locker bank	First floor	< 15 Bq/m ³
104 721 592 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1039- napkin	First floor	< 15 Bq/m ³
102 372 257 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1050- lockers near rxtinguisher	First floor	18 ± 6 Bq/m ³
105 501 589 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1101a- lockers by 1140	First floor	19 ± 4 Bq/m ³
105 594 089 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1038- partition	First floor	DNR
101 360 311 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1036- napkin	First floor	< 15 Bq/m ³
102 271 681 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1143-whiteboard	First floor	24 ± 8 Bq/m ³
102 638 400 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1040- south centre wall	First floor	38 ± 8 Bq/m ³
102 121 910 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1040- NW corner	First floor	DNR
105 420 285 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1145 sound vest door	First floor	16 ± 4 Bq/m ³
103 240 990 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1145- table saw dust collector panel	First floor	< 15 Bq/m ³

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CANADA

RADON MONITORING REPORT

Description of the measurement

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Test data have been given by Carpentry Team

Property data and address

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BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
100 502 889 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1145a- room sign	First floor	25 ± 6 Bq/m ³
105 261 598 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1100- lockers across woodshop	First floor	16 ± 4 Bq/m ³
103 920 294 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	S6- light	First floor	DNR
103 167 524 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	S1- stair side	First floor	DNR
105 111 926 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1150-slider	First floor	< 22 Bq/m ³
100 520 816 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1148a- centre of windows	First floor	19 ± 6 Bq/m ³
105 058 523 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1148- slider	First floor	< 15 Bq/m ³
103 437 513 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1146- slider	First floor	< 15 Bq/m ³
101 069 706 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1144a- centre of windows	First floor	16 ± 4 Bq/m ³
104 778 477 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1144- slider	First floor	15 ± 4 Bq/m ³
103 738 191 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1142- slider	First floor	24 ± 8 Bq/m ³
100 545 375 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1140a- centre of windows	First floor	23 ± 10 Bq/m ³

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DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
101 052 082 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1140- slider	First floor	21 ± 4 Bq/m ³
105 588 602 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1138- slider	First floor	33 ± 6 Bq/m ³
103 168 555 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1136- slider	First floor	34 ± 6 Bq/m ³
100 524 040 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1134a- centre of windows	First floor	30 ± 6 Bq/m ³
102 237 039 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1134 slider	First floor	30 ± 6 Bq/m ³
104 891 627 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1132- whiteboard	First floor	< 22 Bq/m ³
105 597 728 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1132b-tallboy	First floor	< 15 Bq/m ³
100 774 827 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1132c- concrete corner	First floor	19 ± 4 Bq/m ³
104 163 662 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1130e- window frame	First floor	DNR
104 579 123 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1130- whiteboard	First floor	< 15 Bq/m ³
104 827 779 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1130d- mirror	First floor	< 15 Bq/m ³
103 708 053 [Radtrak ³ [®]]	2023-12-09 – 2024-04-06	1130a- centre window	First floor	16 ± 6 Bq/m ³

Comment to the results

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CANADA

RADON MONITORING REPORT

Description of the measurement

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They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

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BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
105 358 733 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1130b-Room sign	First floor	< 15 Bq/m ³
102 830 650 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1202- outbuilding mirror	First floor	DNR
104 782 008 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1150- outbuilding partition	First floor	DNR
102 224 276 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	S-4 stairwell	First floor	21 ± 6 Bq/m ³
100 544 360 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	S-5 stairwell	First floor	22 ± 4 Bq/m ³
104 895 115 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1037 - big locker bank	First floor	ERR
105 595 359 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	1030 - NW Whiteboard	First floor	18 ± 4 Bq/m ³

Comment to the results

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Measurement method: Closed alpha-track detector (Radtrak²®/Radtrak³®)

OWN ID

The radon measurement was performed with a closed alpha-track detector following the quality assurance guidance given in CNRPP-AL-DF-v6. The detector container is manufactured from electrically conducting plastic. Through a small slit (filter), radon gas enters the detector. The track-detecting material (film) inside the detector is hit by alpha particles generated by the radon entering the container and the decay products formed from it. On the film, the alpha particles make small tracks which are enlarged through chemical etching and later analyzed via our proprietary Track-Etch(R) methodology to determine the radon exposure. Radonova Laboratories (P.O. Box 6522, SE-751 38 Uppsala, Sweden) is accredited (no. 1489) by SWEDAC to conduct radon-gas measurements using the closed alpha-track detector method. The analysis equipment is checked daily and the detectors are calibrated at regular intervals. CNRPP License CRT 201475.

Measured radon concentrations

For each detector, the measured value of the radon concentration is provided. For each value an uncertainty associated with the measurement to a 95% confidence level is also provided. For example a measurement result of $200 \pm 30 \text{ Bq/m}^3$ means that the radon concentration is most likely contained in the range 170 - 230 Bq/m^3 . If the start or end date of the measurement has not been provided, the radon concentration cannot be calculated. In such cases, the total exposure in kBqh/m^3 will be reported. The average radon concentration can be calculated by dividing the total exposure with the number of measured hours and multiplying that result with 1000. The reported measured values are related to the detectors as received by Radonova Laboratories. Detector deployment is not performed by Radonova Laboratories. Measurement information such as monitoring period (dates) and placement location is provided to Radonova Laboratories by the end user. The presented results apply only to the samples tested.

Codes on non-reportable detectors

DNR	Not Reported – Detector Not Returned
VTW	Not Reported – Visibly Tampered With
FBD	Not Reported – Film Broken or Damaged
LIL	Not Reported – Lost in Lab
DTO	Not Reported – Detector Too Old

Measurement method versions used when the report was created

CNRPP-AL-DF-v6, October 2018, Quality Control and Quality Assurance Manual for Radon Sampling and Analysis
ISO 11665-4:2021, Measurement of radioactivity in the environment — Air: radon-222

Radon measurements in Schools and Public Buildings

Health Canada recommends that the radon test performed in a home or public building be a long-term measurement. Health Canada does not recommend a test of duration less than one month. A minimum of 3 months is recommended and 12 months is optimum. If the long-term measurement results are below 200 Bq/m^3 , the average annual concentration in the home or building is probably below 200 Bq/m^3 and further measurements are not necessary and remedial action is not recommended. If the measured concentration is above 200 Bq/m^3 in schools, a follow-up short-term measurement is recommended in order to estimate the radon concentration during school hours:

Schools_hours_concentration = Long_term_concentration * (Short_term_schools_hours / Short_term_average).

If the long term average radon concentration during school hours is above 200 Bq/m^3 , remedial action is recommended (see the Health Canada Publication Guide for Radon Measurements in Public Buildings for more information)

Workplaces

Radon in workplaces should be handled according to the Canadian Guidelines for the Management of Naturally Occurring Radioactive Materials (NORM).

Average Annual Concentrations	NORM Program Classification
800 - 3000 Bq/m^3	Radiation Protection Management
200 - 800 Bq/m^3	NORM Management
< 200 Bq/m^3	Unrestricted

Signature on the report

With the signature on the report, the person responsible for the radon analysis at Radonova Laboratories follows the guidance in accordance with CNRPP-AL-DF-v6 and that the demands from SWEDAC

Measurement information displayed in italics on report has been provided by the customer.



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RADONOVA INC.

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LOMBARD, IL 60148
331.814.2200, help@radonova.com

RADON MONITORING REPORT

*Unsworth Elementary School
5685 Unsworth Rd
Chilliwack BC V2R 4B6*

REPORT DATE

2024-05-02

CANADA

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Unsworth Elementary School
5685 Unsworth Rd
Chilliwack BC V2R 4B6

BUILDING ID

TYPE OF BUILDING:

School

BUILDING YEAR:

1993

VENTILATION TYPE:

Forced air

FOUNDATION TYPE:

Crawl space

PURPOSE OF TEST:

Primary Screening

Test results

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
102 423 993 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	105-under napkin dispenser	First floor	15 ± 6 Bq/m ³
100 455 120 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	108-above hand dryer	First floor	16 ± 4 Bq/m ³
102 584 562 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	14-above tack board at light switch panel	First floor	< 15 Bq/m ³
103 117 248 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	112-under cabinet	First floor	< 15 Bq/m ³
101 261 261 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	113-under napkin dispenser	First floor	< 22 Bq/m ³
102 391 422 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	114-top left of mailslots	First floor	DNR
103 116 885 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	110-roll shutter maintenance sticker	First floor	< 22 Bq/m ³
105 415 459 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	111-left side of library shelf	First floor	DNR
102 270 451 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	100-on floating cabinet right of office showcase glass	First floor	DNR

Comment to the results

Tryggve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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CANADA

OWN ID
N/A

BY
Radon Environmental Management Corp

REPORT RECEIVER(S)
Cameron_allenby@sd33.bc.ca

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Unsworth Elementary School
5685 Unsworth Rd
Chilliwack BC V2R 4B6

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
100 203 371 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Front main vestibule- between west doors	First floor	DNR
102 669 330 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	125-corner wall cabinet, empty,shares indigenous wall	First floor	30 ± 6 Bq/m ³
105 109 797 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	124- thermostat	First floor	DNR
100 624 352 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	118main- key box	First floor	< 15 Bq/m ³
100 488 931 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	118 bath- mirror	First floor	DNR
100 203 082 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	116-cabinet side left of desk	First floor	< 15 Bq/m ³
103 245 031 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	117-tallboy	First floor	< 15 Bq/m ³
103 540 167 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	120-blank door	First floor	< 15 Bq/m ³
102 247 392 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	115-side of upper next to light switch board	First floor	< 15 Bq/m ³
100 738 137 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	121-top of whiteboard	First floor	35 ± 8 Bq/m ³
102 774 684 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	122-top of 4x4 whiteboard	First floor	16 ± 6 Bq/m ³
102 796 638 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	149-top of whiteboard	First floor	< 15 Bq/m ³

Comment to the results

Tryggve Rönnqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Unsworth Elementary School
5685 Unsworth Rd
Chilliwack BC V2R 4B6

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
101 168 037 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	148-top whiteboard	First floor	< 15 Bq/m ³
102 489 549 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	138- top whiteboard	First floor	< 22 Bq/m ³
103 553 590 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	147-under speaker shelf	First floor	< 15 Bq/m ³
103 243 218 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	185-top whiteboard	First floor	23 ± 8 Bq/m ³
103 522 041 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	176-under speaker shelf	First floor	< 15 Bq/m ³
103 053 773 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	182- left side of shelves	First floor	DNR
104 603 162 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	181-microwave	First floor	< 15 Bq/m ³
105 636 468 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	184-side of shelves	First floor	< 15 Bq/m ³
100 104 389 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	177-side of front shelves	First floor	< 15 Bq/m ³
103 251 435 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	179- top of whiteboard	First floor	< 15 Bq/m ³
104 166 418 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	178-siding whiteboard	First floor	< 15 Bq/m ³
100 686 591 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	E140- top of whiteboard	First floor	< 15 Bq/m ³

Comment to the results

Tryggve Rönngqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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CANADA

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Unsworth Elementary School
5685 Unsworth Rd
Chilliwack BC V2R 4B6

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
100 559 749 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	141- top of whiteboard	First floor	< 22 Bq/m ³
100 511 583 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	142-top of whiteboard	First floor	< 15 Bq/m ³
103 407 821 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	144- under emergency light shelf	First floor	< 15 Bq/m ³
100 539 253 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	143- paper dispenser	First floor	< 15 Bq/m ³
102 212 610 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	133- napkin dispenser	First floor	< 15 Bq/m ³
100 564 996 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	134-angled mirror	First floor	< 15 Bq/m ³
103 434 197 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	132- side of shelf	First floor	DNR
102 192 416 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	190-side of white cab	First floor	< 15 Bq/m ³
103 169 546 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	188-under speaker shelf	First floor	18 ± 4 Bq/m ³
102 283 553 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	189-top of front whiteboard	First floor	DNR
102 648 995 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	191-fire extinguisher	First floor	< 15 Bq/m ³
100 561 034 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	187-under speaker shef	First floor	18 ± 6 Bq/m ³

Comment to the results

Tryggve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Unsworth Elementary School
5685 Unsworth Rd
Chilliwack BC V2R 4B6

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
101 068 237 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	186-under speaker shelf	First floor	< 15 Bq/m ³
105 204 234 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	164-under speaker shelf	First floor	< 25 Bq/m ³
103 251 906 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	161- under speaker shelf	First floor	< 15 Bq/m ³
103 990 503 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	160-speaker	First floor	< 15 Bq/m ³
103 521 639 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	122- cycw- tallboy	First floor	17 ± 4 Bq/m ³
102 104 999 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	166-side open shelf tallboy	First floor	< 15 Bq/m ³
104 742 499 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	151-speaker shelf	First floor	< 15 Bq/m ³
103 245 239 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	152-speaker shelf	First floor	< 15 Bq/m ³
102 395 175 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	169- speaker shelf	First floor	< 15 Bq/m ³
104 777 305 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	170- tallboy	First floor	< 15 Bq/m ³
100 829 993 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	171-Tallboy	First floor	< 15 Bq/m ³
103 019 857 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	126-tallboy	First floor	15 ± 6 Bq/m ³

Comment to the results

Tryggve Rönngvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Unsworth Elementary School
5685 Unsworth Rd
Chilliwack BC V2R 4B6

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
102 232 782 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	3- central open cubbies	First floor	27 ± 6 Bq/m ³
102 322 807 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	13-speaker shelf	First floor	25 ± 6 Bq/m ³
103 425 286 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	14-speaker shelf	First floor	29 ± 6 Bq/m ³
101 293 413 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	15-upper cab	First floor	33 ± 6 Bq/m ³
100 949 619 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	4-electrical blank	First floor	21 ± 6 Bq/m ³
105 550 172 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	6-paper dispenser	First floor	31 ± 6 Bq/m ³
101 357 374 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	8-to of partition	First floor	25 ± 8 Bq/m ³
100 961 960 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	9-napkin dispenser	First floor	26 ± 12 Bq/m ³
100 478 734 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	167 vest-above interior door set	First floor	DNR

Comment to the results

Tryggve Rönngvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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RADONOVA INC.

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LOMBARD, IL 60148
331.814.2200, help@radonova.com

Measurement method: Closed alpha-track detector (Radtrak²®/Radtrak³®)

OWN ID

The radon measurement was performed with a closed alpha-track detector following the quality assurance guidance given in CNRPP-AL-DF-v6. The detector container is manufactured from electrically conducting plastic. Through a small slit (filter), radon gas enters the detector. The track-detecting material (film) inside the detector is hit by alpha particles generated by the radon entering the container and the decay products formed from it. On the film, the alpha particles make small tracks which are enlarged through chemical etching and later analyzed via our proprietary Track-Etch(R) methodology to determine the radon exposure. Radonova Laboratories (P.O. Box 6522, SE-751 38 Uppsala, Sweden) is accredited (no. 1489) by SWEDAC to conduct radon-gas measurements using the closed alpha-track detector method. The analysis equipment is checked daily and the detectors are calibrated at regular intervals. CNRPP License CRT 201475.

Measured radon concentrations

For each detector, the measured value of the radon concentration is provided. For each value an uncertainty associated with the measurement to a 95% confidence level is also provided. For example a measurement result of $200 \pm 30 \text{ Bq/m}^3$ means that the radon concentration is most likely contained in the range 170 - 230 Bq/m^3 . If the start or end date of the measurement has not been provided, the radon concentration cannot be calculated. In such cases, the total exposure in kBqh/m^3 will be reported. The average radon concentration can be calculated by dividing the total exposure with the number of measured hours and multiplying that result with 1000. The reported measured values are related to the detectors as received by Radonova Laboratories. Detector deployment is not performed by Radonova Laboratories. Measurement information such as monitoring period (dates) and placement location is provided to Radonova Laboratories by the end user. The presented results apply only to the samples tested.

Codes on non-reportable detectors

DNR	Not Reported – Detector Not Returned
VTW	Not Reported – Visibly Tampered With
FBD	Not Reported – Film Broken or Damaged
LIL	Not Reported – Lost in Lab
DTO	Not Reported – Detector Too Old

Measurement method versions used when the report was created

CNRPP-AL-DF-v6, October 2018, Quality Control and Quality Assurance Manual for Radon Sampling and Analysis
ISO 11665-4:2021, Measurement of radioactivity in the environment — Air: radon-222

Radon measurements in Schools and Public Buildings

Health Canada recommends that the radon test performed in a home or public building be a long-term measurement. Health Canada does not recommend a test of duration less than one month. A minimum of 3 months is recommended and 12 months is optimum. If the long-term measurement results are below 200 Bq/m^3 , the average annual concentration in the home or building is probably below 200 Bq/m^3 and further measurements are not necessary and remedial action is not recommended. If the measured concentration is above 200 Bq/m^3 in schools, a follow-up short-term measurement is recommended in order to estimate the radon concentration during school hours:

Schools_hours_concentration = Long_term_concentration * (Short_term_schools_hours / Short_term_average).

If the long term average radon concentration during school hours is above 200 Bq/m^3 , remedial action is recommended (see the Health Canada Publication Guide for Radon Measurements in Public Buildings for more information)

Workplaces

Radon in workplaces should be handled according to the Canadian Guidelines for the Management of Naturally Occurring Radioactive Materials (NORM).

Average Annual Concentrations	NORM Program Classification
800 - 3000 Bq/m^3	Radiation Protection Management
200 - 800 Bq/m^3	NORM Management
< 200 Bq/m^3	Unrestricted

Signature on the report

With the signature on the report, the person responsible for the radon analysis at Radonova Laboratories follows the guidance in accordance with CNRPP-AL-DF-v6 and that the demands from SWEDAC

Measurement information displayed in italics on report has been provided by the customer.



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RADON MONITORING REPORT

*Vedder Elementary School
45850 Promontory Rd
Chilliwack BC V2R 5Z5*

REPORT DATE

2024-05-02

CANADA

BY
Radon Environmental Management Corp

REPORT RECEIVER(S)
Cameron_allenby@sd33.bc.ca

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Vedder Elementary School
45850 Promontory Rd
Chilliwack BC V2R 5Z5

BUILDING ID

TYPE OF BUILDING: School BUILDING YEAR: 1991 VENTILATION TYPE: Forced air FOUNDATION TYPE: Crawl space PURPOSE OF TEST: Primary Screening

Test results

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
103 903 043 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Gym West bb hoop	First floor	< 22 Bq/m ³
102 233 665 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Gym East bb hoop	First floor	DNR
100 289 966 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm105 Girls changeroom	First floor	< 15 Bq/m ³
103 869 350 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm108 Pac room	First floor	15 ± 4 Bq/m ³
100 704 253 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm110 Kitchen	First floor	15 ± 6 Bq/m ³
103 509 428 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm113 Student washroom	First floor	< 22 Bq/m ³
105 141 782 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm113 Staff washroom	First floor	16 ± 6 Bq/m ³
100 220 896 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm114 Staffroom	First floor	< 15 Bq/m ³
103 754 206 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm111 Multipurpose	First floor	< 15 Bq/m ³

Comment to the results

Tryggve Rönqvist (Electronically signed)
Signature Radonova Laboratories Laboratory Measurement Specialist
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RADON MONITORING REPORT

Description of the measurement

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The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Vedder Elementary School
45850 Promontory Rd
Chilliwack BC V2R 5Z5

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
103 420 758 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm101 corridor	First floor	< 15 Bq/m ³
102 176 526 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Foyer	First floor	< 15 Bq/m ³
102 789 997 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm115 General office	First floor	< 15 Bq/m ³
100 990 928 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm116 Principal office	First floor	21 ± 6 Bq/m ³
103 165 932 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm118 Vice Principal	First floor	23 ± 6 Bq/m ³
103 725 412 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm119 washroom	First floor	DNR
102 364 601 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm120 Copy	First floor	< 15 Bq/m ³
105 413 496 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm124 Library office	First floor	43 ± 8 Bq/m ³
103 388 930 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm125 Library	First floor	38 ± 8 Bq/m ³
102 270 592 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm121 L/A	First floor	32 ± 6 Bq/m ³
105 635 122 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm122 Teach. Work rm	First floor	40 ± 8 Bq/m ³
103 213 567 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm168	First floor	< 15 Bq/m ³

Comment to the results

Tryggve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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LOMBARD, IL 60148
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CANADA

OWN ID
N/A

BY
Radon Environmental Management Corp

REPORT RECEIVER(S)
Cameron_allenby@sd33.bc.ca

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Vedder Elementary School
45850 Promontory Rd
Chilliwack BC V2R 5Z5

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
100 723 659 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm166 Project A	First floor	< 22 Bq/m ³
103 957 767 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Foyer	First floor	18 ± 6 Bq/m ³
102 579 638 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm165	First floor	< 15 Bq/m ³
101 216 984 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm164	First floor	22 ± 6 Bq/m ³
100 710 102 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm174 Corridor	First floor	25 ± 6 Bq/m ³
102 394 657 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm169	First floor	19 ± 6 Bq/m ³
103 634 077 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm126	First floor	23 ± 8 Bq/m ³
105 409 551 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Girls washroom	First floor	25 ± 6 Bq/m ³
105 526 248 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Boys washroom	First floor	22 ± 4 Bq/m ³
103 998 605 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm149	First floor	20 ± 6 Bq/m ³
104 785 100 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm148	First floor	15 ± 4 Bq/m ³
104 110 739 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm147	First floor	< 15 Bq/m ³

Comment to the results

Tryggve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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CA_EN_001_REPORT_v240422:1.ppcd

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Vedder Elementary School
45850 Promontory Rd
Chilliwack BC V2R 5Z5

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
102 114 840 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm150 foyer	First floor	28 ± 6 Bq/m ³
100 351 410 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm139 project c	First floor	24 ± 6 Bq/m ³
100 495 258 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm140	First floor	22 ± 8 Bq/m ³
104 011 978 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm131 corridor	First floor	22 ± 4 Bq/m ³
104 501 200 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm141	First floor	18 ± 6 Bq/m ³
104 666 383 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm142 kindergarten	First floor	22 ± 8 Bq/m ³
102 820 339 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm144 washroom	First floor	< 15 Bq/m ³
100 166 701 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm132 staff washroom	First floor	< 22 Bq/m ³
104 526 538 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm162	First floor	20 ± 4 Bq/m ³
103 898 169 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm161	First floor	< 15 Bq/m ³
104 774 898 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm160	First floor	< 15 Bq/m ³
105 213 227 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm181	First floor	27 ± 6 Bq/m ³

Comment to the results

Trygve Rönngvist (Electronically signed)

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RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

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They were measured **2024-04-25**.

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Vedder Elementary School
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BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
103 594 578 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm182	First floor	< 15 Bq/m ³
103 265 633 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm184	First floor	< 15 Bq/m ³
103 071 064 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm184	First floor	16 ± 6 Bq/m ³
103 514 733 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Stair 2	First floor	16 ± 4 Bq/m ³
100 614 130 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm186 multipurpose	First floor	DNR
100 582 261 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm188 Aboriginal	First floor	24 ± 8 Bq/m ³
102 742 749 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm187 Spec.ed	First floor	< 22 Bq/m ³
102 535 101 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Universal washroom	First floor	20 ± 8 Bq/m ³
101 296 788 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Stair 1	First floor	16 ± 6 Bq/m ³
100 289 164 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm151	First floor	< 15 Bq/m ³
100 823 301 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm152	First floor	21 ± 4 Bq/m ³
103 252 219 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm153	First floor	26 ± 6 Bq/m ³

Comment to the results

Trygve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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CANADA

OWN ID
N/A

BY
Radon Environmental Management Corp

REPORT RECEIVER(S)
Cameron_allenby@sd33.bc.ca

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-25**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Vedder Elementary School
45850 Promontory Rd
Chilliwack BC V2R 5Z5

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
105 643 746 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm194 kitchen	First floor	19 ± 6 Bq/m ³
103 112 405 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Portable 4	First floor	< 15 Bq/m ³
104 642 897 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Portable 5	First floor	< 15 Bq/m ³
101 230 522 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Portable 6	First floor	< 15 Bq/m ³
102 214 319 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm156 in Rm153	First floor	29 ± 6 Bq/m ³
102 598 083 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm195 in Rm152	First floor	23 ± 8 Bq/m ³
103 266 334 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm193 in Rm151	First floor	DNR

Comment to the results

Trygve Rönqvist (Electronically signed)

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RADONOVA INC.
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331.814.2200, help@radonova.com



Measurement method: Closed alpha-track detector (Radtrak²®/Radtrak³®)

OWN ID

The radon measurement was performed with a closed alpha-track detector following the quality assurance guidance given in CNRPP-AL-DF-v6. The detector container is manufactured from electrically conducting plastic. Through a small slit (filter), radon gas enters the detector. The track-detecting material (film) inside the detector is hit by alpha particles generated by the radon entering the container and the decay products formed from it. On the film, the alpha particles make small tracks which are enlarged through chemical etching and later analyzed via our proprietary Track-Etch(R) methodology to determine the radon exposure. Radonova Laboratories (P.O. Box 6522, SE-751 38 Uppsala, Sweden) is accredited (no. 1489) by SWEDAC to conduct radon-gas measurements using the closed alpha-track detector method. The analysis equipment is checked daily and the detectors are calibrated at regular intervals. CNRPP License CRT 201475.

Measured radon concentrations

For each detector, the measured value of the radon concentration is provided. For each value an uncertainty associated with the measurement to a 95% confidence level is also provided. For example a measurement result of $200 \pm 30 \text{ Bq/m}^3$ means that the radon concentration is most likely contained in the range 170 - 230 Bq/m^3 . If the start or end date of the measurement has not been provided, the radon concentration cannot be calculated. In such cases, the total exposure in kBqh/m^3 will be reported. The average radon concentration can be calculated by dividing the total exposure with the number of measured hours and multiplying that result with 1000. The reported measured values are related to the detectors as received by Radonova Laboratories. Detector deployment is not performed by Radonova Laboratories. Measurement information such as monitoring period (dates) and placement location is provided to Radonova Laboratories by the end user. The presented results apply only to the samples tested.

Codes on non-reportable detectors

DNR	Not Reported – Detector Not Returned
VTW	Not Reported – Visibly Tampered With
FBD	Not Reported – Film Broken or Damaged
LIL	Not Reported – Lost in Lab
DTO	Not Reported – Detector Too Old

Measurement method versions used when the report was created

CNRPP-AL-DF-v6, October 2018, Quality Control and Quality Assurance Manual for Radon Sampling and Analysis
ISO 11665-4:2021, Measurement of radioactivity in the environment — Air: radon-222

Radon measurements in Schools and Public Buildings

Health Canada recommends that the radon test performed in a home or public building be a long-term measurement. Health Canada does not recommend a test of duration less than one month. A minimum of 3 months is recommended and 12 months is optimum. If the long-term measurement results are below 200 Bq/m^3 , the average annual concentration in the home or building is probably below 200 Bq/m^3 and further measurements are not necessary and remedial action is not recommended. If the measured concentration is above 200 Bq/m^3 in schools, a follow-up short-term measurement is recommended in order to estimate the radon concentration during school hours:

Schools_hours_concentration = Long_term_concentration * (Short_term_schools_hours / Short_term_average).

If the long term average radon concentration during school hours is above 200 Bq/m^3 , remedial action is recommended (see the Health Canada Publication Guide for Radon Measurements in Public Buildings for more information)

Workplaces

Radon in workplaces should be handled according to the Canadian Guidelines for the Management of Naturally Occurring Radioactive Materials (NORM).

Average Annual Concentrations	NORM Program Classification
800 - 3000 Bq/m^3	Radiation Protection Management
200 - 800 Bq/m^3	NORM Management
< 200 Bq/m^3	Unrestricted

Signature on the report

With the signature on the report, the person responsible for the radon analysis at Radonova Laboratories follows the guidance in accordance with CNRPP-AL-DF-v6 and that the demands from SWEDAC

Measurement information displayed in italics on report has been provided by the customer.



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RADON MONITORING REPORT

Watson Elementary School

45305 Watson rd

Chilliwack BC V2R 2H5

REPORT DATE

2024-05-02

CANADA

BY
Radon Environmental Management Corp

REPORT RECEIVER(S)
Cameron_allenby@sd33.bc.ca

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-24**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Watson Elementary School
45305 Watson rd
Chilliwack BC V2R 2H5

BUILDING ID

TYPE OF BUILDING: School BUILDING YEAR: 1955 VENTILATION TYPE: Forced air FOUNDATION TYPE: Crawl space PURPOSE OF TEST: Primary Screening

Test results

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
101 135 754 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm104	First floor	23 ± 6 Bq/m ³
102 399 565 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm105	First floor	23 ± 8 Bq/m ³
100 333 491 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm103	First floor	21 ± 4 Bq/m ³
100 861 731 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm106	First floor	16 ± 6 Bq/m ³
103 934 972 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm102	First floor	19 ± 4 Bq/m ³
105 191 522 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm107	First floor	15 ± 4 Bq/m ³
102 603 172 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	C210	First floor	< 15 Bq/m ³
102 745 148 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm101	First floor	< 15 Bq/m ³
102 192 770 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm108	First floor	< 15 Bq/m ³

Comment to the results

Trygve Rönqvist (Electronically signed)
Signature Radonova Laboratories Laboratory Measurement Specialist
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RADON MONITORING REPORT

Description of the measurement

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They were measured **2024-04-24**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Watson Elementary School
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Chilliwack BC V2R 2H5

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
102 423 746 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm5	First floor	55 ± 10 Bq/m ³
102 736 436 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm51	First floor	15 ± 4 Bq/m ³
103 637 435 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm47	First floor	< 15 Bq/m ³
102 143 559 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm46(2)	First floor	16 ± 4 Bq/m ³
100 894 211 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm1	First floor	DNR
100 520 782 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Stage	First floor	DNR
100 529 577 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm42 BW	First floor	22 ± 8 Bq/m ³
100 889 674 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm41 GW	First floor	23 ± 4 Bq/m ³
104 718 499 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm39 kitchen	First floor	33 ± 8 Bq/m ³
103 109 906 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Gym west	First floor	30 ± 6 Bq/m ³
103 427 951 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Gym south	First floor	36 ± 6 Bq/m ³
103 438 941 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm30 Boys chngm	First floor	35 ± 6 Bq/m ³

Comment to the results

Tryggve Rönqvist (Electronically signed)

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CANADA

OWN ID
N/A

BY
Radon Environmental Management Corp

REPORT RECEIVER(S)
Cameron_allenby@sd33.bc.ca

RADON MONITORING REPORT

Description of the measurement

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The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-24**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Watson Elementary School
45305 Watson rd
Chilliwack BC V2R 2H5

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
104 624 366 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm31 Girls chngm	First floor	33 ± 6 Bq/m ³
105 349 559 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm38 boys wshrm	First floor	40 ± 6 Bq/m ³
104 501 044 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm22	First floor	28 ± 6 Bq/m ³
104 011 622 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Tm21 LA	First floor	21 ± 4 Bq/m ³
104 827 159 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm20	First floor	23 ± 6 Bq/m ³
100 261 098 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	C220 corridor	First floor	19 ± 4 Bq/m ³
103 866 224 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm19	First floor	< 15 Bq/m ³
100 979 343 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm34	First floor	< 15 Bq/m ³
103 154 365 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm17 kindergarten	First floor	17 ± 6 Bq/m ³
102 762 481 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm35	First floor	20 ± 6 Bq/m ³
102 598 067 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Library	First floor	36 ± 8 Bq/m ³
103 163 333 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm24 work room	First floor	29 ± 6 Bq/m ³

Comment to the results

Tryggve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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RADON MONITORING REPORT

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The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-24**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Watson Elementary School
45305 Watson rd
Chilliwack BC V2R 2H5

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
104 516 430 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm25	First floor	39 ± 6 Bq/m ³
105 597 900 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	C202 vest.	First floor	< 15 Bq/m ³
103 368 627 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm43 mens	First floor	< 15 Bq/m ³
102 555 067 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm54 copy rm	First floor	< 15 Bq/m ³
103 248 019 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm55	First floor	< 15 Bq/m ³
102 983 004 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm2 meeting one	First floor	70 ± 10 Bq/m ³
105 405 211 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm52	First floor	73 ± 10 Bq/m ³
105 337 182 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	C201 vest.	First floor	16 ± 4 Bq/m ³
104 743 083 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm56 ladies	First floor	< 15 Bq/m ³
102 365 178 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	C100 corridor	First floor	23 ± 6 Bq/m ³
100 754 621 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm6	First floor	< 15 Bq/m ³
103 619 516 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm58 principal	First floor	22 ± 4 Bq/m ³

Comment to the results

Tryggve Rönqvist (Electronically signed)
Signature Radonova Laboratories Laboratory Measurement Specialist
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RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-24**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Watson Elementary School
45305 Watson rd
Chilliwack BC V2R 2H5

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
102 652 294 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm59 vice principal	First floor	16 ± 6 Bq/m ³
101 010 924 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm60 general office	First floor	24 ± 8 Bq/m ³
103 671 335 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm7	First floor	< 15 Bq/m ³
103 716 536 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm8	First floor	< 15 Bq/m ³
103 253 845 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm63 girls	First floor	16 ± 6 Bq/m ³
103 244 992 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm65 boys	First floor	16 ± 8 Bq/m ³
102 931 268 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm9	First floor	25 ± 6 Bq/m ³
102 335 619 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm13	First floor	25 ± 6 Bq/m ³
105 339 170 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm10	First floor	32 ± 12 Bq/m ³
100 453 976 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm11	First floor	30 ± 6 Bq/m ³
103 037 909 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 12, library shelf/speakrr	First floor	21 ± 4 Bq/m ³
100 920 537 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	66, hallway on exit sign	First floor	18 ± 4 Bq/m ³

Comment to the results

Tryggve Rönqvist (Electronically signed)
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CANADA

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-24**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Watson Elementary School
45305 Watson rd
Chilliwack BC V2R 2H5

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
100 928 597 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	67, boys washroom	First floor	19 ± 6 Bq/m ³
102 835 840 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	68, girls washroom	First floor	20 ± 8 Bq/m ³
104 652 623 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	West portable, on cabinet over sink	Ground floor	< 15 Bq/m ³
102 333 234 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	West portable, cloakroom on cabinet	Ground floor	< 21 Bq/m ³
101 286 607 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	East portable, back room on cabinet by sink	Ground floor	< 15 Bq/m ³
102 149 564 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	East portable, vertical centre divider	Ground floor	< 15 Bq/m ³
100 262 492 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm14 on speaker shelf	First floor	22 ± 6 Bq/m ³
102 764 123 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm37 Girls washroom	First floor	17 ± 6 Bq/m ³
105 234 421 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm18 Kindergarten under PA speaker	First floor	15 ± 4 Bq/m ³

Comment to the results

Trygve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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RADONOVA INC.
1 EAST 22nd STREET, SUITE 200
LOMBARD, IL 60148
331.814.2200, help@radonova.com

Measurement method: Closed alpha-track detector (Radtrak²®/Radtrak³®)

OWN ID

The radon measurement was performed with a closed alpha-track detector following the quality assurance guidance given in CNRPP-AL-DF-v6. The detector container is manufactured from electrically conducting plastic. Through a small slit (filter), radon gas enters the detector. The track-detecting material (film) inside the detector is hit by alpha particles generated by the radon entering the container and the decay products formed from it. On the film, the alpha particles make small tracks which are enlarged through chemical etching and later analyzed via our proprietary Track-Etch(R) methodology to determine the radon exposure. Radonova Laboratories (P.O. Box 6522, SE-751 38 Uppsala, Sweden) is accredited (no. 1489) by SWEDAC to conduct radon-gas measurements using the closed alpha-track detector method. The analysis equipment is checked daily and the detectors are calibrated at regular intervals. CNRPP License CRT 201475.

Measured radon concentrations

For each detector, the measured value of the radon concentration is provided. For each value an uncertainty associated with the measurement to a 95% confidence level is also provided. For example a measurement result of $200 \pm 30 \text{ Bq/m}^3$ means that the radon concentration is most likely contained in the range 170 - 230 Bq/m^3 . If the start or end date of the measurement has not been provided, the radon concentration cannot be calculated. In such cases, the total exposure in kBqh/m^3 will be reported. The average radon concentration can be calculated by dividing the total exposure with the number of measured hours and multiplying that result with 1000. The reported measured values are related to the detectors as received by Radonova Laboratories. Detector deployment is not performed by Radonova Laboratories. Measurement information such as monitoring period (dates) and placement location is provided to Radonova Laboratories by the end user. The presented results apply only to the samples tested.

Codes on non-reportable detectors

DNR	Not Reported – Detector Not Returned
VTW	Not Reported – Visibly Tampered With
FBD	Not Reported – Film Broken or Damaged
LIL	Not Reported – Lost in Lab
DTO	Not Reported – Detector Too Old

Measurement method versions used when the report was created

CNRPP-AL-DF-v6, October 2018, Quality Control and Quality Assurance Manual for Radon Sampling and Analysis
ISO 11665-4:2021, Measurement of radioactivity in the environment — Air: radon-222

Radon measurements in Schools and Public Buildings

Health Canada recommends that the radon test performed in a home or public building be a long-term measurement. Health Canada does not recommend a test of duration less than one month. A minimum of 3 months is recommended and 12 months is optimum. If the long-term measurement results are below 200 Bq/m^3 , the average annual concentration in the home or building is probably below 200 Bq/m^3 and further measurements are not necessary and remedial action is not recommended. If the measured concentration is above 200 Bq/m^3 in schools, a follow-up short-term measurement is recommended in order to estimate the radon concentration during school hours:

Schools_hours_concentration = Long_term_concentration * (Short_term_schools_hours / Short_term_average).

If the long term average radon concentration during school hours is above 200 Bq/m^3 , remedial action is recommended (see the Health Canada Publication Guide for Radon Measurements in Public Buildings for more information)

Workplaces

Radon in workplaces should be handled according to the Canadian Guidelines for the Management of Naturally Occurring Radioactive Materials (NORM).

Average Annual Concentrations	NORM Program Classification
800 - 3000 Bq/m^3	Radiation Protection Management
200 - 800 Bq/m^3	NORM Management
< 200 Bq/m^3	Unrestricted

Signature on the report

With the signature on the report, the person responsible for the radon analysis at Radonova Laboratories follows the guidance in accordance with CNRPP-AL-DF-v6 and that the demands from SWEDAC

Measurement information displayed in italics on report has been provided by the customer.



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LOMBARD, IL 60148
331.814.2200, help@radonova.com

RADON MONITORING REPORT

Yarrow Community School

4595 Wilson Rd

Chilliwack BC V2R 5C4

REPORT DATE

2024-05-02

CANADA

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-24**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Yarrow Community School
4595 Wilson Rd
Chilliwack BC V2R 5C4

BUILDING ID

TYPE OF BUILDING:
School

BUILDING YEAR:
2002

VENTILATION TYPE:
Forced air

FOUNDATION TYPE:
Crawl space

PURPOSE OF TEST:
Primary Screening

Test results

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
102 367 281 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 300 Media Tech (Thermostat)	First floor	< 15 Bq/m ³
103 172 359 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 300A office (upper shelf)	First floor	21 ± 4 Bq/m ³
103 536 926 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 303 Kindergarten (tall boy)	First floor	19 ± 4 Bq/m ³
103 947 701 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 303B kitchen (above stove)	First floor	< 15 Bq/m ³
102 290 889 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 305 Kindergarten (tall boy)	First floor	19 ± 4 Bq/m ³
103 107 447 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 303A bathroom (door frame)	First floor	19 ± 6 Bq/m ³
102 905 189 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 305A bathroom (back wall)	First floor	15 ± 4 Bq/m ³
102 626 199 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 309 kindergarten (tall boy)	First floor	< 15 Bq/m ³
103 343 372 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 309A (back wall)	First floor	DNR

Comment to the results

Trygve Rønnqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-24**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Yarrow Community School
4595 Wilson Rd
Chilliwack BC V2R 5C4

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
102 331 576 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 309B Kitchen (over stove)	First floor	18 ± 6 Bq/m ³
103 447 488 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 311 Kindergarten (tall boy)	First floor	< 15 Bq/m ³
103 095 436 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 311A bathroom (back wall)	First floor	19 ± 6 Bq/m ³
103 857 462 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 315 Kindergarten (tall boy)	First floor	15 ± 4 Bq/m ³
103 456 802 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	315A bathroom (back wall)	First floor	18 ± 4 Bq/m ³
103 023 735 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 315 Kitchen (side of fridge)	First floor	< 22 Bq/m ³
100 684 158 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 320 stairwell (mural)	First floor	< 15 Bq/m ³
101 231 033 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 320 special ED (whiteboard)	First floor	< 15 Bq/m ³
103 123 105 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 318 Primary 4 (slider cubby)	First floor	< 15 Bq/m ³
103 168 043 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 316 primary 3 (vertical slider)	First floor	< 15 Bq/m ³
100 866 367 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 314 boys bathroom (above light)	First floor	DNR
102 882 404 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 312 girls bathroom (above light)	First floor	< 15 Bq/m ³

Comment to the results

Trygve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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Accred. no. 1489
Testing
ISO/IEC 17025

RADONOVA INC.

1 EAST 22nd STREET, SUITE 200
LOMBARD, IL 60148
331.814.2200, help@radonova.com

CANADA

OWN ID
N/A

BY
Radon Environmental Management Corp

REPORT RECEIVER(S)
Cameron_allenby@sd33.bc.ca

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-24**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Yarrow Community School
4595 Wilson Rd
Chilliwack BC V2R 5C4

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
100 565 787 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 310 primary 2 (vertical slider)	First floor	< 15 Bq/m ³
103 793 584 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 308 primary 1 (vertical slider)	First floor	< 15 Bq/m ³
105 649 636 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 100 General office (uppers)	First floor	< 22 Bq/m ³
103 767 489 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 100A Principal (light switches)	First floor	< 15 Bq/m ³
103 992 848 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 100B vice principal (shelving unit)	First floor	< 15 Bq/m ³
104 846 282 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 1000 Health (beside door)	First floor	< 15 Bq/m ³
103 176 111 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 100F Copier (clock)	First floor	< 15 Bq/m ³
104 535 141 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 104 Staff Rm (bulletin board)	First floor	< 15 Bq/m ³
104 807 482 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 102 bathroom (cabinet)	First floor	DNR
103 890 059 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 101 boys bathroom (above light)	First floor	15 ± 6 Bq/m ³
105 249 403 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 103 girls bathroom (above light)	First floor	16 ± 4 Bq/m ³
103 609 764 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 107 kitchen (fridge)	First floor	< 15 Bq/m ³

Comment to the results

Tryggve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

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They were measured **2024-04-24**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Yarrow Community School
4595 Wilson Rd
Chilliwack BC V2R 5C4

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
101 536 670 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 105 Staff (on cabinet)	First floor	< 15 Bq/m ³
103 176 509 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 109 Multi purpose (clock)	First floor	< 15 Bq/m ³
100 529 734 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 111 Drama (cabinet)	First floor	21 ± 6 Bq/m ³
100 437 367 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 115 Gym fire alarm south	First floor	< 15 Bq/m ³
100 876 911 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 115 Gym fire alarm South West	First floor	< 22 Bq/m ³
104 643 226 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 115 Gym North West	First floor	< 15 Bq/m ³
104 725 460 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 115 Gym (North East)	First floor	< 15 Bq/m ³
104 727 474 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 115A office (shelving)	First floor	< 15 Bq/m ³
100 793 918 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 115C girls change room (wing wall)	First floor	< 22 Bq/m ³
101 066 389 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 115E boys change room (wing wall)	First floor	< 15 Bq/m ³
104 868 641 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 115C girls change room (wing wall)	First floor	< 15 Bq/m ³
103 654 984 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 118 Daycare (side of cabinet)	First floor	< 15 Bq/m ³

Comment to the results

Trygve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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RADON MONITORING REPORT

Description of the measurement

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The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-24**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Yarrow Community School
4595 Wilson Rd
Chilliwack BC V2R 5C4

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
101 204 253 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 115F boys change room (wing wall)	First floor	< 15 Bq/m ³
101 253 599 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 115B staff bathroom (cabinet)	First floor	15 ± 6 Bq/m ³
101 032 159 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 118A office (behind door)	First floor	< 15 Bq/m ³
102 450 285 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	118B bathroom (stall)	First floor	< 15 Bq/m ³
100 187 673 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	118C bathroom(stall)	First floor	< 15 Bq/m ³
105 205 751 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 116 parent room (fridge)	First floor	< 15 Bq/m ³
104 721 394 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 114 Community services (tall boy)	First floor	< 15 Bq/m ³
105 358 964 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 112 office (cabinet)	First floor	15 ± 4 Bq/m ³
104 116 074 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 110 Community office (book shelf)	First floor	< 15 Bq/m ³
103 411 385 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 108 Special education resource (tall boy)	First floor	< 15 Bq/m ³
103 248 373 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 111 exit hallway	First floor	16 ± 4 Bq/m ³
101 072 114 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 108D sensory (behind door)	First floor	< 15 Bq/m ³

Comment to the results

Trygve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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RADONOVA INC.

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CANADA

OWN ID
N/A

BY
Radon Environmental Management Corp

REPORT RECEIVER(S)
Cameron_allenby@sd33.bc.ca

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Radtrak²®/Radtrak³®) following the quality guidance given in CNRPP-AL-DF-v6.

The detector(s) arrived to Radonova Laboratories **2024-04-17**.
They were measured **2024-04-24**.

Test data have been given by Carpentry Team

Property data and address

MEASURE SITE ADDRESS
Yarrow Community School
4595 Wilson Rd
Chilliwack BC V2R 5C4

BUILDING ID

DETECTOR	MEASUREMENT PERIOD	DESCRIPTION / LOCATION	FLOOR	RADON RESULT
102 747 623 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 108C bathroom (beside sink)	First floor	< 15 Bq/m ³
105 428 502 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 108B exercise (tallboy)	First floor	< 15 Bq/m ³
102 577 558 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	108A meeting (behind room number)	First floor	< 15 Bq/m ³
101 018 018 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 110C corridor (by rm 112)	First floor	DNR
101 040 947 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 300C corridor (library post)	First floor	17 ± 4 Bq/m ³
101 154 656 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 310C corridor (by 305)	First floor	17 ± 6 Bq/m ³
103 084 554 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	S 301 stairs (wall)	First floor	DNR
100 954 551 [Radtrak ³ ®]	2023-12-09 – 2024-04-06	Rm 109C vestibule (below exit sign)	First floor	< 15 Bq/m ³

Comment to the results

Trygve Rönqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

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Measurement method: Closed alpha-track detector (Radtrak²®/Radtrak³®)

OWN ID

The radon measurement was performed with a closed alpha-track detector following the quality assurance guidance given in CNRPP-AL-DF-v6. The detector container is manufactured from electrically conducting plastic. Through a small slit (filter), radon gas enters the detector. The track-detecting material (film) inside the detector is hit by alpha particles generated by the radon entering the container and the decay products formed from it. On the film, the alpha particles make small tracks which are enlarged through chemical etching and later analyzed via our proprietary Track-Etch(R) methodology to determine the radon exposure. Radonova Laboratories (P.O. Box 6522, SE-751 38 Uppsala, Sweden) is accredited (no. 1489) by SWEDAC to conduct radon-gas measurements using the closed alpha-track detector method. The analysis equipment is checked daily and the detectors are calibrated at regular intervals. CNRPP License CRT 201475.

Measured radon concentrations

For each detector, the measured value of the radon concentration is provided. For each value an uncertainty associated with the measurement to a 95% confidence level is also provided. For example a measurement result of $200 \pm 30 \text{ Bq/m}^3$ means that the radon concentration is most likely contained in the range 170 - 230 Bq/m^3 . If the start or end date of the measurement has not been provided, the radon concentration cannot be calculated. In such cases, the total exposure in kBqh/m^3 will be reported. The average radon concentration can be calculated by dividing the total exposure with the number of measured hours and multiplying that result with 1000. The reported measured values are related to the detectors as received by Radonova Laboratories. Detector deployment is not performed by Radonova Laboratories. Measurement information such as monitoring period (dates) and placement location is provided to Radonova Laboratories by the end user. The presented results apply only to the samples tested.

Codes on non-reportable detectors

DNR	Not Reported – Detector Not Returned
VTW	Not Reported – Visibly Tampered With
FBD	Not Reported – Film Broken or Damaged
LIL	Not Reported – Lost in Lab
DTO	Not Reported – Detector Too Old

Measurement method versions used when the report was created

CNRPP-AL-DF-v6, October 2018, Quality Control and Quality Assurance Manual for Radon Sampling and Analysis
ISO 11665-4:2021, Measurement of radioactivity in the environment — Air: radon-222

Radon measurements in Schools and Public Buildings

Health Canada recommends that the radon test performed in a home or public building be a long-term measurement. Health Canada does not recommend a test of duration less than one month. A minimum of 3 months is recommended and 12 months is optimum. If the long-term measurement results are below 200 Bq/m^3 , the average annual concentration in the home or building is probably below 200 Bq/m^3 and further measurements are not necessary and remedial action is not recommended. If the measured concentration is above 200 Bq/m^3 in schools, a follow-up short-term measurement is recommended in order to estimate the radon concentration during school hours:

Schools_hours_concentration = Long_term_concentration * (Short_term_schools_hours / Short_term_average).

If the long term average radon concentration during school hours is above 200 Bq/m^3 , remedial action is recommended (see the Health Canada Publication Guide for Radon Measurements in Public Buildings for more information)

Workplaces

Radon in workplaces should be handled according to the Canadian Guidelines for the Management of Naturally Occurring Radioactive Materials (NORM).

Average Annual Concentrations	NORM Program Classification
800 - 3000 Bq/m^3	Radiation Protection Management
200 - 800 Bq/m^3	NORM Management
< 200 Bq/m^3	Unrestricted

Signature on the report

With the signature on the report, the person responsible for the radon analysis at Radonova Laboratories follows the guidance in accordance with CNRPP-AL-DF-v6 and that the demands from SWEDAC

Measurement information displayed in italics on report has been provided by the customer.



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