



March 26, 2019

ISD# 834
1875 Greely Street South
Stillwater, MN 55082
Attn: Mr. Tony Willger

RE: Radon Sampling
Site: Lake Elmo Elementary

Field Environmental Consulting, Inc. (FIELD ENVIRONMENTAL) appreciates the opportunity to provide results for radon monitoring conducted at Lake Elmo Elementary.

Radon levels are measured in picocuries per liter or pCi/L. The Environmental Protection Agency (EPA) and the Minnesota Department of Health (MDH) action level for indoor radon is 4.0 pCi/L.

Radon monitoring was conducted using AccuStar® PicoCan 275 short-term open face charcoal canisters (registered device #AC-6048).

In January 2019, sixty-four (64) detectors were analyzed for radon concentration. All samples were below the action level of 4.0 pCi/L. No additional action necessary.

PREPARED and REVIEWED BY:

Field Environmental Consulting, Inc.

Amy Weinzierl (CSP #27824)
EHS Manager / Licensed Radon Measurement Professional (RMEA-00111)
amy@fieldconsultinginc.com
952-746-5880

NRPP 105011 AL
NRSB ARL0007

EPA Method #402-R-92-004
Charcoal Canister
NRPP Device Code 6048
NRSB Device Code 10317

Laboratory Report for:

Property Tested: Project # 19036

Field Environmental Consulting, Inc.
8612 Eagle Creek Parkway
Savage MN 55378

Lake Elmo Elementary
11030 Stillwater Blvd N
Lake Elmo MN 55042

Log Number	Device Number	Test Exposure Duration:			Area Tested	Result pCi/L
3212359	3933670	01/22/2019	6:00 am	01/24/2019 3:00 pm	First Floor Room 207 Smartboard	0.9
3212360	3933733	01/22/2019	6:00 am	01/24/2019 3:00 pm	First Floor Room 206 Bookshelf	0.8
3212361	3933773	01/22/2019	6:00 am	01/24/2019 3:00 pm	First Floor Room 209 Smartboard	0.5
3212362	3933712	01/22/2019	6:00 am	01/24/2019 3:00 pm	First Floor Room 208 Smartboard	0.6
3212363	3933669	01/22/2019	6:00 am	01/24/2019 3:00 pm	First Floor Room 211 Smartboard	< 0.4
3212364	3933668	01/22/2019	6:00 am	01/24/2019 3:00 pm	First Floor Room 210 Bookshelf Top	0.9
3212365	3933719	01/22/2019	6:00 am	01/24/2019 3:00 pm	First Floor Room 214 Smartboard	1.6
3212366	3933671	01/22/2019	6:00 am	01/24/2019 3:00 pm	First Floor Room 217 Teacher Desk	1.2
3212367	3933720	01/22/2019	6:00 am	01/24/2019 3:00 pm	First Floor Room 216 Smartboard	1.8
3212368	3933725	01/22/2019	6:00 am	01/24/2019 3:00 pm	First Floor Room 219	0.6
3212369	3934001	01/22/2019	6:15 am	01/24/2019 3:15 pm	First Floor Room 218 Fire Alarm	1.0

Comment: A copy of this report was emailed to mailbox@fieldconsultinginc.com.

Test Performed By: Parker Nordeen Certification Number: RMEA 00112

Distributed by: Field Environmental Consulting, Inc.

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Report Approved By: 

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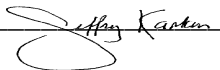
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3212370	3934047	01/22/2019 6:15 am 01/24/2019 3:15 pm	First Floor Room 221 Fire Alarm	1.3
3212371	3934045	01/22/2019 6:15 am 01/24/2019 3:15 pm	First Floor Room 221 Fire Alarm	0.7
3212372	3934049	01/22/2019 6:15 am 01/24/2019 3:15 pm	First Floor Room 306 On Wall	0.8
3212373	3934046	01/22/2019 6:15 am 01/24/2019 3:15 pm	First Floor Room 310 Under Desk	1.3
3212374	3934044	01/22/2019 6:15 am 01/24/2019 3:15 pm	First Floor Room 310	1.1
3212375	3934050	01/22/2019 6:15 am 01/24/2019 3:15 pm	First Floor Room 311 TV	0.7
3212376	3934042	01/22/2019 6:15 am 01/24/2019 3:15 pm	First Floor Room Gym Office Flag	1.3
3212377	3934041	01/22/2019 6:15 am 01/24/2019 3:15 pm	First Floor Room Psychologist Bookshelf	1.8
3212378	3934043	01/22/2019 6:30 am 01/24/2019 3:30 pm	First Floor Room 406 Top Cabinet	1.6
3212379	3933952	01/22/2019 6:30 am 01/24/2019 3:30 pm	First Floor Room 406 Top Cabinet	2.0
3212380	3933931	01/22/2019 6:30 am 01/24/2019 3:30 pm	First Floor Room 409 Gameshelf	0.7


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Shawn Price, Director of Laboratory Operations, AccuStar Labs

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Log Number	Device Number	Test Exposure	Duration:	Area Tested	Result pCi/L
3212381	3934003	01/22/2019 6:30 am	01/24/2019 3:30 pm	First Floor Room Nurse Top cabinet	1.7
3212382	3934009	01/22/2019 6:30 am	01/24/2019 3:30 pm	First Floor Room 412 Top Cabinet	1.5
3212383	3934008	01/22/2019 6:30 am	01/24/2019 3:30 pm	First Floor Room 414 Teacher Desk	1.8
3212384	3934006	01/22/2019 6:30 am	01/24/2019 3:30 pm	First Floor Room 414 Teacher Desk	1.6
3212385	3934004	01/22/2019 6:30 am	01/24/2019 3:30 pm	First Floor Room 415 Game Shelf Left	1.4
3212386	3934007	01/22/2019 6:30 am	01/24/2019 3:30 pm	First Floor Room 511 Behind White Board Left	0.7
3212387	3934005	01/22/2019 6:30 am	01/24/2019 3:30 pm	First Floor Room 510 Smartboard Right	< 0.4
3212388	3933908	01/22/2019 6:45 am	01/24/2019 3:45 pm	First Floor Room 509 Smartboard	0.6
3212389	3933910	01/22/2019 6:45 am	01/24/2019 3:45 pm	First Floor Room 508 Smartboard	0.9
3212390	3934060	01/22/2019 6:45 am	01/24/2019 3:45 pm	First Floor Room 507 Smartboard	0.6
3212391	3933902	01/22/2019 6:45 am	01/24/2019 3:45 pm	First Floor Room 507	< 0.4

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3212392	3933905	01/22/2019 6:45 am	01/24/2019 3:45 pm	First Floor Room 506 Smartboard	< 0.4
3212393	3933906	01/22/2019 6:45 am	01/24/2019 3:45 pm	First Floor Room 505 Smartboard	0.6
3212394	3933907	01/22/2019 6:45 am	01/24/2019 3:45 pm	First Floor Room 504 TV	< 0.4
3212395	3934010	01/22/2019 6:45 am	01/24/2019 3:45 pm	First Floor Room 503 Smartboard	< 0.4
3212396	3933909	01/22/2019 6:45 am	01/24/2019 3:45 pm	First Floor Room 502 Cabinet	0.7
3212397	3933915	01/22/2019 6:45 am	01/24/2019 3:45 pm	First Floor Room 609 TV	1.4
3212398	3933917	01/22/2019 7:00 am	01/24/2019 4:00 pm	First Floor Room 607 Smartboard	0.5
3212399	3933959	01/22/2019 7:00 am	01/24/2019 4:00 pm	First Floor Room 607 Smartboard	0.5
3212400	3933960	01/22/2019 7:00 am	01/24/2019 4:00 pm	First Floor Room 605 Cabinet Left	0.5
3212401	3933955	01/22/2019 7:00 am	01/24/2019 4:00 pm	First Floor Room 604 White Board Right	0.6
3212402	3933956	01/22/2019 7:00 am	01/24/2019 4:00 pm	First Floor Room 606 Smartboard	0.7

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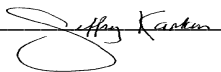
Log Number	Device Number	Test Exposure Duration:			Area Tested	Result pCi/L
3212403	3933957	01/22/2019	7:00 am	01/24/2019 4:00 pm	First Floor Room 608 Cabinet Left	0.6
3212404	3933954	01/22/2019	7:00 am	01/24/2019 4:00 pm	First Floor Room 120 Top Cabinet	0.4
3212405	3933963	01/22/2019	7:00 am	01/24/2019 4:00 pm	First Floor Room 120A Top Cabinet	0.8
3212406	3933958	01/22/2019	7:00 am	01/24/2019 4:00 pm	First Floor Room 120B Wall	0.6
3212407	3933999	01/22/2019	7:00 am	01/24/2019 4:00 pm	First Floor Room 110 Exit Signs	0.5
3212408	3933995	01/22/2019	7:15 am	01/24/2019 4:15 pm	First Floor Room 110 Pipe	0.9
3212409	3933994	01/22/2019	7:15 am	01/24/2019 4:15 pm	First Floor Room 110	< 0.4
3212410	3933993	01/22/2019	7:15 am	01/24/2019 4:15 pm	First Floor Room 130 White Shelf	0.7
3212411	3934000	01/22/2019	7:15 am	01/24/2019 4:15 pm	First Floor Room 132 TV	0.5
3212412	3933997	01/22/2019	7:15 am	01/24/2019 4:15 pm	First Floor Room 131 TV	0.8
3212413	3933998	01/22/2019	7:15 am	01/24/2019 4:15 pm	First Floor Room 131 TV	1.0

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Log Number	Device Number	Test Exposure Duration:	Area Tested	Result pCi/L
3212414	3933996	01/22/2019 7:15 am 01/24/2019 4:15 pm	First Floor Room 232 TV	1.0
3212415	3933914	01/22/2019 7:15 am 01/24/2019 4:15 pm	First Floor Room 102 On Desk	1.2
3212416	3933992	01/22/2019 7:15 am 01/24/2019 4:15 pm	First Floor Room 106 Top Cabinet	0.8
3212417	3933933	01/22/2019 7:15 am 01/24/2019 4:15 pm	First Floor Principal Bookshelf Under Clock	0.7
3212418	3933922	01/22/2019 7:30 am 01/24/2019 4:30 pm	First Floor Room Lisa Black Office	1.2
3212419	3933934	01/22/2019 7:30 am 01/24/2019 4:30 pm	First Floor Room Lisa Black Office	0.7
3212420	3934002	01/22/2019 7:30 am 01/24/2019 4:30 pm	First Floor Room 202 Whiteboard Top	0.9
3212421	3934011	01/22/2019 7:30 am 01/24/2019 4:30 pm	First Floor Room 204 Smartboard	0.7
3212422	3933935	01/22/2019 7:30 am 01/24/2019 4:30 pm	First Floor Room 205 Joe Desk	0.8

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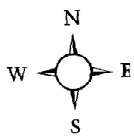
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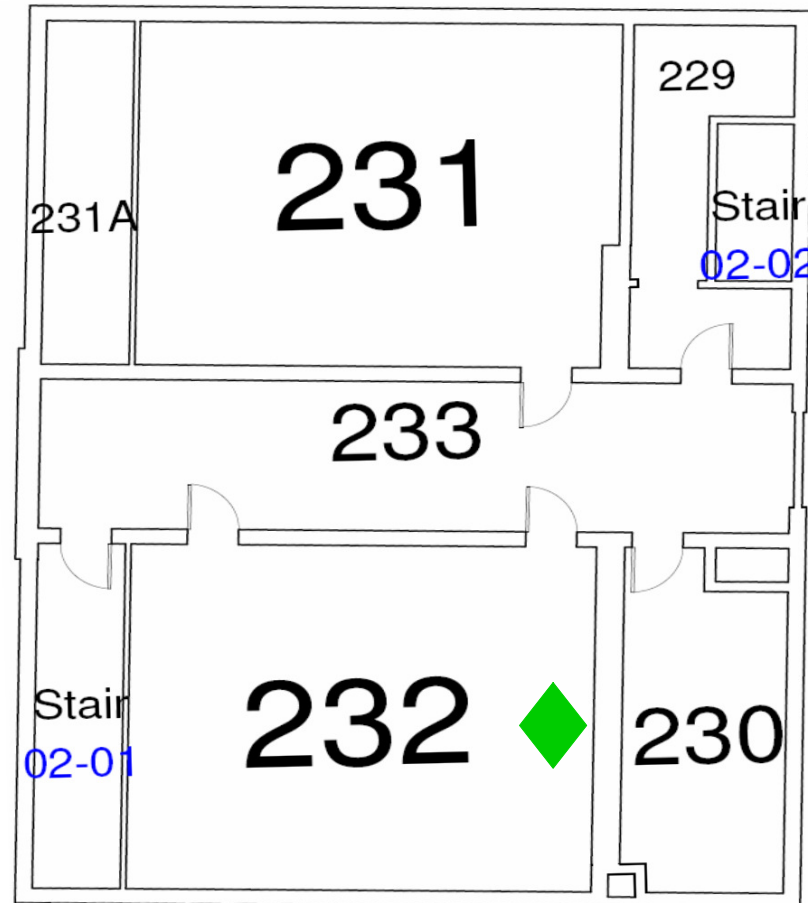


Lake Elmo Elementary
Short-Term Radon Monitoring
First Floor
Project #19036







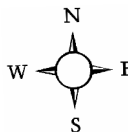
Short-Term Radon (January 2019)

- ◆ Radon < 4 pCi/L
- ◆ Radon ≥ 4 pCi/L
- ◆ Missing/Lost Detector
- D Duplicate Detector
- FB Field Blank Detector
- ★ Radon Mitigation System



Short-Term Radon (January 2019)

-  Radon < 4 pCi/L
-  Radon ≥ 4 pCi/L
-  Duplicate Detector
-  Field Blank Detector



Lake Elmo Elementary
Short-Term Radon Monitoring
Second Floor
Project #19036