



March 26, 2019

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

RE: **Radon Sampling**
Site: **Rutherford Elementary**

Field Environmental Consulting, Inc. (FIELD ENVIRONMENTAL) appreciates the opportunity to provide results for radon monitoring conducted at Rutherford 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, fifty-two (52) 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

Rutherford Elementary
115 Rutherford Rd
Stillwater MN 55082

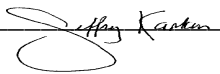
Log Number	Device Number	Test Exposure	Duration:	Area Tested	Result pCi/L
3212246	3934053	01/22/2019 10:00 am	01/25/2019 6:00 am	First Floor Custodial Office on Desk	0.4
3212247	3934065	01/22/2019 10:00 am	01/25/2019 6:00 am	First Floor Custodial Office on Desk	0.4
3212248	3934023	01/22/2019 10:00 am	01/25/2019 6:00 am	First Floor Room Gym 3 On Wall	< 0.4
3212249	3934054	01/22/2019 10:00 am	01/25/2019 6:00 am	First Floor Room Gym 3 On Wall	< 0.4
3212250	3934024	01/22/2019 10:00 am	01/25/2019 6:00 am	First Floor Room Gym 2 on Wall	< 0.4
3212251	3934051	01/22/2019 10:00 am	01/25/2019 6:00 am	First Floor Room Gym 2 on Wall	< 0.4
3212252	3933948	01/22/2019 10:00 am	01/25/2019 6:00 am	First Floor Room Gym 2 on Wall	< 0.4
3212253	3933950	01/22/2019 10:00 am	01/25/2019 6:00 am	First Floor Room Gym 1 On Wall	0.8
3212254	3933949	01/22/2019 10:00 am	01/25/2019 6:00 am	First Floor Room Gym 1 Clock	0.4
3212255	3933928	01/22/2019 10:00 am	01/25/2019 6:00 am	First Floor Room Gym Office Locker Corner	< 0.4
3212256	3934069	01/22/2019 10:15 am	01/25/2019 6:15 am	First Floor Room Stage Whiteboard	0.5

Comment: AMENDED REPORT for 3934073 on 2-1-19 to add correct informaiton. 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.

Date Received: 01/28/2019 Date Logged: 01/28/2019 Date Analyzed: 01/29/2019 Date Reported: 01/31/2019

Report Reviewed By: 

Report Approved By: 

Disclaimer:

The uncertainty of this radon measurement is +/- 10 %. Factors contributing to uncertainty include statistical variations, daily and seasonal variations in radon concentrations, sample collection techniques and operation of the dwelling. Interference with test conditions may influence the test results.

This report may only be transferred to a third party in its entirety. Analytical results relate to the samples AS RECEIVED BY THE LABORATORY. Results shown on this report represent levels of radon gas measured between the dates shown in the room or area of the site identified above as "Property Tested". Incorrect information will affect results. The results may not be construed as either predictive or supportive of measurements conducted in any area of this structure at any other time. AccuStar Labs, its employees and agents are not responsible for the consequences of any action taken or not taken based upon the results reported or any verbal or written interpretation of the results.

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

Rutherford Elementary
115 Rutherford Rd
Stillwater MN 55082

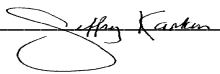
Log Number	Device Number	Test Exposure Duration:	Area Tested	Result pCi/L
3212257	3934070	01/22/2019 10:15 am 01/25/2019 6:15 am	First Floor Room Band Office on Desk	0.5
3212258	3934066	01/22/2019 10:15 am 01/25/2019 6:15 am	First Floor Room Music Smartboard	0.5
3212259	3934068	01/22/2019 10:15 am 01/25/2019 6:15 am	First Floor Room Music Smartboard	1.1
3212260	3934020	01/22/2019 10:15 am 01/25/2019 6:15 am	First Floor Room Main Office	0.4
3212261	3934016	01/22/2019 10:15 am 01/25/2019 6:15 am	First Room Principal Office File Cabinet	0.7
3212262	3934018	01/22/2019 10:15 am 01/25/2019 6:15 am	First Floor Room Work Copy	1.0
3212263	3934014	01/22/2019 10:15 am 01/25/2019 6:15 am	First Floor Room Nurse Back File Cabinet	0.8
3212264	3934019	01/22/2019 10:15 am 01/25/2019 6:15 am	First Floor Room Social on Cabinet	0.9
3212265	3934013	01/22/2019 10:15 am 01/25/2019 6:15 am	First Floor Room Student Advocate	0.4
3212266	3934017	01/22/2019 10:30 am 01/25/2019 6:30 am	First Floor Room Student Advocate	0.5
3212267	3934012	01/22/2019 10:30 am 01/25/2019 6:30 am	First Floor Room DCD TV	0.4

Comment: AMENDED REPORT for 3934073 on 2-1-19 to add correct informaiton. 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.

Date Received: 01/28/2019 Date Logged: 01/28/2019 Date Analyzed: 01/29/2019 Date Reported: 01/31/2019

Report Reviewed By: 

Report Approved By: 

Disclaimer:

The uncertainty of this radon measurement is +/- 10 %. Factors contributing to uncertainty include statistical variations, daily and seasonal variations in radon concentrations, sample collection techniques and operation of the dwelling. Interference with test conditions may influence the test results.

This report may only be transferred to a third party in its entirety. Analytical results relate to the samples AS RECEIVED BY THE LABORATORY. Results shown on this report represent levels of radon gas measured between the dates shown in the room or area of the site identified above as "Property Tested". Incorrect information will affect results. The results may not be construed as either predictive or supportive of measurements conducted in any area of this structure at any other time. AccuStar Labs, its employees and agents are not responsible for the consequences of any action taken or not taken based upon the results reported or any verbal or written interpretation of the results.

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

Rutherford Elementary
115 Rutherford Rd
Stillwater MN 55082

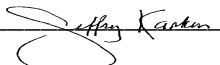
Log Number	Device Number	Test Exposure	Duration:	Area Tested	Result pCi/L
3212268	3933929	01/22/2019 10:30 am	01/25/2019 6:30 am	First Floor Room DCD1 Top Shelf	0.7
3212269	3934029	01/22/2019 10:30 am	01/25/2019 6:30 am	First Floor Room Primary 1 Left Smartboard	0.7
3212270	3933927	01/22/2019 10:30 am	01/25/2019 6:30 am	First Floor Room Primary 2 Right Smartboard	0.5
3212271	3933926	01/22/2019 10:30 am	01/25/2019 6:30 am	First Floor Room Primary 3 Projector	0.4
3212272	3934015	01/22/2019 10:30 am	01/25/2019 6:30 am	First Floor Room Primary 4 Projector	0.4
3212273	3934079	01/22/2019 10:30 am	01/25/2019 6:30 am	Floor LL Room Media Center Desk Left	0.5
3212274	3934080	01/22/2019 10:30 am	01/25/2019 6:30 am	Floor LL Room Media Center Desk Right	0.5
3212275	3934078	01/22/2019 10:30 am	01/25/2019 6:30 am	Floor LL Room Media Center	< 0.4
3212276	3933966	01/22/2019 10:45 am	01/25/2019 6:45 am	Floor LL Media Center Workroom	0.9
3212277	3933864	01/22/2019 10:45 am	01/25/2019 6:45 am	Floor LL Media Center Workroom	0.9
3212278	3933734	01/22/2019 10:45 am	01/25/2019 6:45 am	Floor LL Room Computer Lab Smartboard	0.7


Comment: AMENDED REPORT for 3934073 on 2-1-19 to add correct informaiton. 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.

Date Received: 01/28/2019 Date Logged: 01/28/2019 Date Analyzed: 01/29/2019 Date Reported: 01/31/2019

Report Reviewed By: 

Report Approved By: 

Disclaimer:

The uncertainty of this radon measurement is +/- 10 %. Factors contributing to uncertainty include statistical variations, daily and seasonal variations in radon concentrations, sample collection techniques and operation of the dwelling. Interference with test conditions may influence the test results.

This report may only be transferred to a third party in its entirety. Analytical results relate to the samples AS RECEIVED BY THE LABORATORY. Results shown on this report represent levels of radon gas measured between the dates shown in the room or area of the site identified above as "Property Tested". Incorrect information will affect results. The results may not be construed as either predictive or supportive of measurements conducted in any area of this structure at any other time. AccuStar Labs, its employees and agents are not responsible for the consequences of any action taken or not taken based upon the results reported or any verbal or written interpretation of the results.

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

Rutherford Elementary
115 Rutherford Rd
Stillwater MN 55082

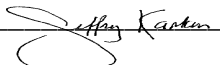
Log Number	Device Number	Test Exposure Duration:	Area Tested	Result pCi/L
3212279	3934076	01/22/2019 10:45 am 01/25/2019 6:45 am	Floor LL Room Multi Purp Left TV	0.7
3212280	3933870	01/22/2019 10:45 am 01/25/2019 6:45 am	Floor LL Room Multi Purp Smartboard	0.7
3212281	3933964	01/22/2019 10:45 am 01/25/2019 6:45 am	Floor LL Media Office Bookshlef Brown	0.8
3212282	3933867	01/22/2019 10:45 am 01/25/2019 6:45 am	Floor LL Room Orange 1 File Cabinet	0.5
3212283	3933916	01/22/2019 10:45 am 01/25/2019 6:45 am	Floor LL Room Orange 1 File Cabinet	0.7
3212284	3933868	01/22/2019 10:45 am 01/25/2019 6:45 am	Floor LL Room Orange 2 Shelf Behind Desk	< 0.4
3212285	3934074	01/22/2019 11:00 am 01/25/2019 7:00 am	Floor LL Room Oragne 3 Projector	0.4
3212286	3933967	01/22/2019 11:00 am 01/25/2019 7:00 am	Floor LL Room Orange 5 Projector	< 0.4
3212287	3934077	01/22/2019 11:00 am 01/25/2019 7:00 am	Floor LL Room Orange 4 Projector	< 0.4
3212288	3933865	01/22/2019 11:00 am 01/25/2019 7:00 am	Floor LL Room Orange Smartboard	1.0
3212289	3934021	01/22/2019 11:00 am 01/25/2019 7:00 am	Floor LL Room Art on Desk	0.8


Comment: AMENDED REPORT for 3934073 on 2-1-19 to add correct informaiton. 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.

Date Received: 01/28/2019 Date Logged: 01/28/2019 Date Analyzed: 01/29/2019 Date Reported: 01/31/2019

Report Reviewed By: 

Report Approved By: 

Disclaimer:

The uncertainty of this radon measurement is +/- 10 %. Factors contributing to uncertainty include statistical variations, daily and seasonal variations in radon concentrations, sample collection techniques and operation of the dwelling. Interference with test conditions may influence the test results.

This report may only be transferred to a third party in its entirety. Analytical results relate to the samples AS RECEIVED BY THE LABORATORY. Results shown on this report represent levels of radon gas measured between the dates shown in the room or area of the site identified above as "Property Tested". Incorrect information will affect results. The results may not be construed as either predictive or supportive of measurements conducted in any area of this structure at any other time. AccuStar Labs, its employees and agents are not responsible for the consequences of any action taken or not taken based upon the results reported or any verbal or written interpretation of the results.

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

Rutherford Elementary
115 Rutherford Rd
Stillwater MN 55082

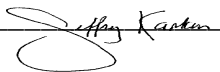
Log Number	Device Number	Test Exposure Duration:	Area Tested	Result pCi/L
3212290	3933965	01/22/2019 11:00 am 01/25/2019 7:00 am	Floor LL Room Blue 1 TV	0.6
3212291	3933863	01/22/2019 11:00 am 01/25/2019 7:00 am	Floor LL Room Blue 1 TV	< 0.4
3212292	3933869	01/22/2019 11:00 am 01/25/2019 7:00 am	Floor LL Room Blue 2 Projector	0.5
3212293	3934072	01/22/2019 11:00 am 01/25/2019 7:00 am	Floor LL Blue 3 Side Cabinet by Desk	0.9
3212294	3934073	01/22/2019 11:00 am 01/25/2019 7:00 am	Floor LL Science TV	< 0.4
3212295	3934071	01/22/2019 11:15 am 01/25/2019 7:15 am	Floor LL Room Blue 4	< 0.4
3212296	3933866	01/22/2019 11:15 am 01/25/2019 7:15 am	Floor LL Room Blue 5	< 0.4
3212297	3933735	01/22/2019 11:15 am 01/25/2019 7:15 am	Floor LL Blue Office	0.7

Comment: AMENDED REPORT for 3934073 on 2-1-19 to add correct informaiton. 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.

Date Received: 01/28/2019 Date Logged: 01/28/2019 Date Analyzed: 01/29/2019 Date Reported: 01/31/2019

Report Reviewed By: 

Report Approved By: 

Disclaimer:

The uncertainty of this radon measurement is +/- 10 %. Factors contributing to uncertainty include statistical variations, daily and seasonal variations in radon concentrations, sample collection techniques and operation of the dwelling. Interference with test conditions may influence the test results.

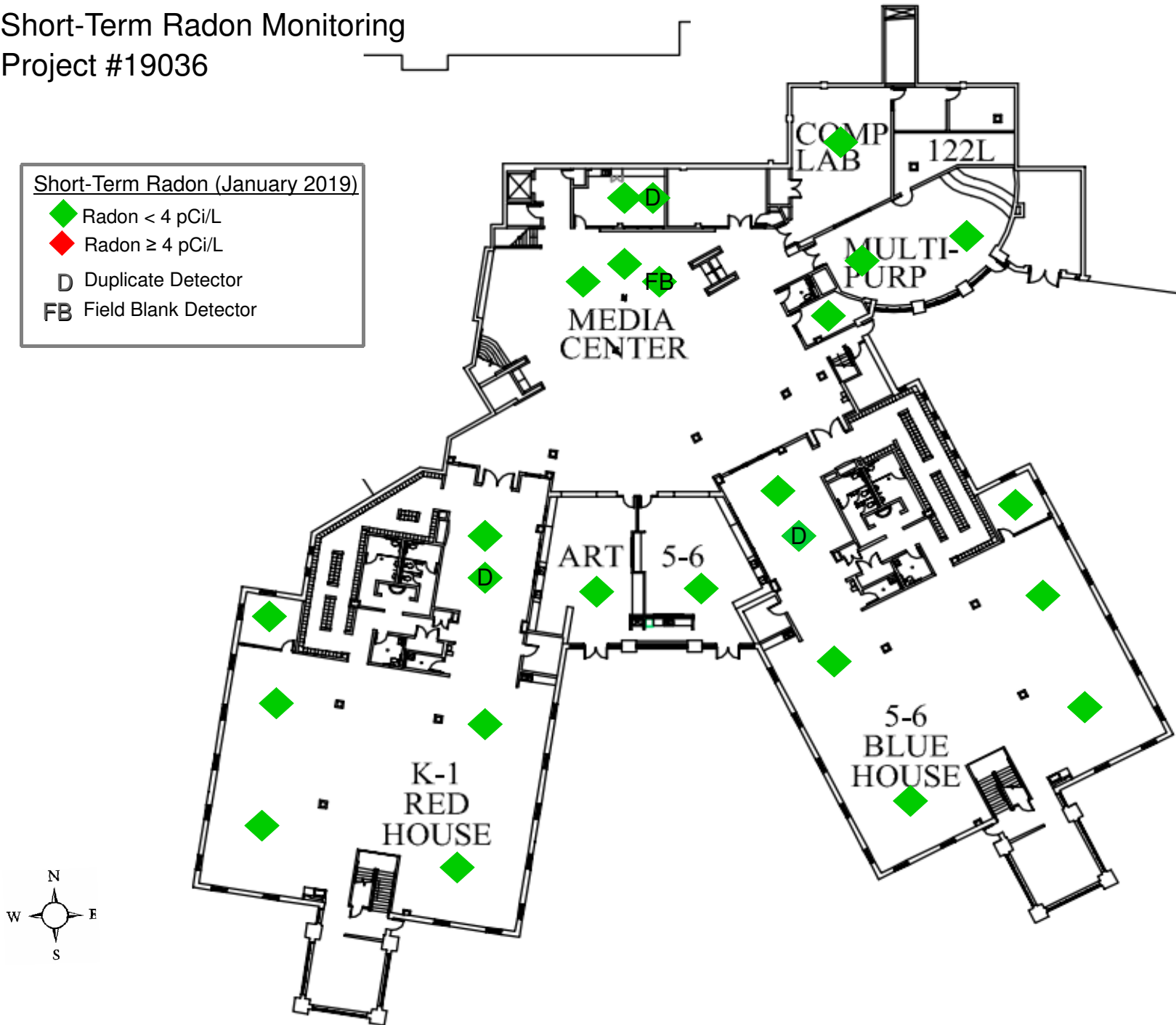
This report may only be transferred to a third party in its entirety. Analytical results relate to the samples AS RECEIVED BY THE LABORATORY. Results shown on this report represent levels of radon gas measured between the dates shown in the room or area of the site identified above as "Property Tested". Incorrect information will affect results. The results may not be construed as either predictive or supportive of measurements conducted in any area of this structure at any other time. AccuStar Labs, its employees and agents are not responsible for the consequences of any action taken or not taken based upon the results reported or any verbal or written interpretation of the results.

Rutherford Elementary
Lower Level

Short-Term Radon Monitoring
Project #19036

Short-Term Radon (January 2019)

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



Rutherford Elementary
Main Level
Short-Term Radon Monitoring
Project #19036

Short-Term Radon (January 2019)

◆	Radon < 4 pCi/L
◆	Radon ≥ 4 pCi/L
D	Duplicate Detector
FB	Field Blank Detector

