

Tel: (952) 746-5880 ◆ Fax: (952) 746-5882 Mailbox@FieldConsultingInc.com www.FieldConsultingInc.com

Independent School District #197 1897 Delaware Avenue Mendota Heights, MN 55118 Attn: Mr. Mark Fenton

## RE: Short-Term Radon Monitoring SITE: Mendota Elementary DATE: November 2018

Dear Mark Fenton,

Field Environmental Consulting, Inc. (FIELD ENVIRONMENTAL) appreciates the opportunity to provide results for short-term radon monitoring conducted at Mendota 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).

Forty-nine (49) 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.

AmyWeinjul

Amy Weinzierl (CSP #27824) Environmental Health and Safety Manager amy@fieldconsultinginc.com 952-746-5880



Laboratory Report for:

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

Property Tested: Project # 19055

Field Environmental Consulting, Inc. Mendota Elementary School 8612 Eagle Creek Parkway 1979 Summit Lane Savage MN 55378 Mendota Heights MN 55118

Log Number	Device Number	Test Exposu	re Duration:	Area Tested	Result (pCi/L)
3194374	3803223	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room Café Top of Fire Alarm	1.4
3194375	3803227	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room Kitchen Top of 1st Aid Kit	1.2
3194376	3803309	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room Nurses Office Top of Cupboa	rd 0.5
3194377	3803308	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room Reception Top of File Cabinet	0.7
3194378	3803243	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room Front Office Top of Cabinet	< 0.4
3194379	3803310	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room Pricipal Office Top of Small C	ab < 0.4
3194380	3803221	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room Joint Office Top of Bookcase	0.8
3194381	3803242	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 14A Conf Office Side of Rack	0.7
3194382	3803232	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 14B Office Side of Cabinet	0.6
3194383	3803225	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 14C Office Wash Top of Cupt	oor 0.5

Comment: Per ANSI/AARST MAMF 2017, requirements for test locations within a room were not met. (Kitchen) Your test for 3803227 is for informational purposes only. Retesting is recommended. A copy of this report was emailed to Mailbox@fieldconsultinginc.com.

Distributed by: Field Environmental Consulting, Inc.

Date Received: 11/13/2018 11/13/2018 Date Logged:

Date Analyzed: 11/14/2018 Date Reported: 11/14/2018

**Disclaimer:** 

Report Reviewed By:

Report Approved By:

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.



Laboratory Report for:

Davida

8612 Eagle Creek Parkway

Savage MN 55378

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

Property Tested: Project # 19055

Field Environmental Consulting, Inc. Mendota Elementary School 1979 Summit Lane Mendota Heights MN 55118

Log Number	Device Number	Test Exposur	e Duration:	Area Tested	Result (pCi/L)
3194384	3803241	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room Old Reception 14 Back of TV	0.9
3194385	3803305	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 14H Office On Cabinet File	0.7
3194386	3803224	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 14I Office On Wall above File	e 0.5
3194387	3803226	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 22 Rt Side of Smartboard	0.6
3194388	3803306	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 24 Rt Side of Smartboard	0.6
3194389	3803307	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 26 Rt Side of Smartboard	< 0.4
3194390	3803301	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 28 Rt Side of Smartboard	< 0.4
3194391	3803302	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 29 Rt Side of Smartboard	< 0.4
3194392	3803303	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 27 Rt Side of Smartboard	< 0.4
3194393	3803304	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 25 Rt Side of TV	0.6

Comment: Per ANSI/AARST MAMF 2017, requirements for test locations within a room were not met. (Kitchen) Your test for 3803227 is for informational purposes only. Retesting is recommended. A copy of this report was emailed to Mailbox@fieldconsultinginc.com.

Distributed by: Field Environmental Consulting, Inc.

Date Received: 11/13/2018 11/13/2018 Date Logged:

Date Analyzed: 11/14/2018 Date Reported: 11/14/2018

**Disclaimer:** 

Report Reviewed By: \_

Report Approved By:

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.



Laboratory Report for:

Radon in Air

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

Property Tested: Project # 19055

Field Environmental Consulting, Inc. Mendota Elementary School 8612 Eagle Creek Parkway 1979 Summit Lane Savage MN 55378 Mendota Heights MN 55118

Log Number	Device Number	Test Exposur	e Duration:	Area Tested	Result (pCi/L)
3194394	3803288	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 23 Rt Side of Smartboard	< 0.4
3194395	3803289	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 21 Rt Side of Smartboard	0.6
3194396	3803287	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 32 Top of Fire Alarm	< 0.4
3194397	3803285	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 34 Rt Side of TV	0.4
3194398	3803284	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 36 Rt Side of TV	0.9
3194399	3803283	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 38 Rt Side of TV	1.0
3194400	3803282	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 35D Back of File Cabinet	< 0.4
3194401	3803281	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 35 Top of Projector	0.4
3194402	3803294	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 35A Rt Side of File Cabinet	< 0.4
3194403	3803300	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 35B Left Side of File Cabinet	0.7

Comment: Per ANSI/AARST MAMF 2017, requirements for test locations within a room were not met. (Kitchen) Your test for 3803227 is for informational purposes only. Retesting is recommended. A copy of this report was emailed to Mailbox@fieldconsultinginc.com.

Distributed by: Field Environmental Consulting, Inc.

Date Received: 11/13/2018 11/13/2018 Date Logged:

Date Analyzed: 11/14/2018 Date Reported: 11/14/2018

**Disclaimer:** 

Report Reviewed By:

Report Approved By:

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.



Laboratory Report for:

Radon in Air

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

Property Tested: Project # 19055

Field Environmental Consulting, Inc. Mendota Elementary School 8612 Eagle Creek Parkway 1979 Summit Lane Savage MN 55378 Mendota Heights MN 55118

Log Number	Device Number	Test Exposu	re Duration:	Area Tested	Result (pCi/L)
3194404	3803299	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 31A Top of Bookshelf	0.7
3194405	3803298	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 31B On Wall Behind Door	0.8
3194406	3803297	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 19 Staff Lounge Top of File C	ab 0.6
3194407	3803296	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 18 Rt Side of Smartboard	0.5
3194408	3803290	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 17 Rt Side of Smartboard	0.9
3194409	3803286	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 16 Rt Side of Smartboard	0.6
3194410	3803354	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room Gym Above Exit Sign of 21A	0.9
3194411	3803353	11/05/2018 2:00 pm	11/08/2018 7:30 am	First FIr Rm Media Center Under Book Return	Slot 0.6
3194412	3803352	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room Computer Lab Top of Wall Sh	nelf 0.5
3194413	3803351	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 5 Rt Side of Smartboard	0.7

Comment: Per ANSI/AARST MAMF 2017, requirements for test locations within a room were not met. (Kitchen) Your test for 3803227 is for informational purposes only. Retesting is recommended. A copy of this report was emailed to Mailbox@fieldconsultinginc.com.

Distributed by: Field Environmental Consulting, Inc.

Date Received: 11/13/2018 11/13/2018 Date Logged:

Date Analyzed: 11/14/2018 Date Reported: 11/14/2018

**Disclaimer:** 

Report Reviewed By:

Report Approved By:

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.



Laboratory Report for:

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

Property Tested: Project # 19055

Field Environmental Consulting, Inc.	Mendota Elementary School		
8612 Eagle Creek Parkway	1979 Summit Lane		
Savage MN 55378	Mendota Heights MN 55118		

Log Number	Device Number	Test Exposu	re Duration:	Area Tested	Result (pCi/L)
3194414	3803293	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 7 Rt Side of TV	1.1
3194415	3803292	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 9 Rt Side of TV	< 0.4
3194416	3803291	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 10 Rt Side of TV	< 0.4
3194417	3803295	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 8 Behind Teacher Desk Book	Sh 0.4
3194418	3803349	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 6 Left Side of Window Display	/ C < 0.4
3194419	3803350	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 4 Rt Side of Smartboard	0.5
3194420	3803355	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 14 Health Office Top of Cupbe	oar 1.1
3194421	3803356	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room 35C Behind File Rack	0.8
3194422	3803359	11/05/2018 2:00 pm	11/08/2018 7:30 am	First Floor Room Maintenance Office Receiving	μTc 1.5

Comment: Per ANSI/AARST MAMF 2017, requirements for test locations within a room were not met. (Kitchen) Your test for 3803227 is for informational purposes only. Retesting is recommended. A copy of this report was emailed to Mailbox@fieldconsultinginc.com.

Distributed by: Field Environmental Consulting, Inc.

Date Received: 11/13/2018 Date Logged: 11/13/2018 Date Analyzed: 11/14/2018 Date Reported: 11/14/2018

**Disclaimer:** 

Report Reviewed By:

Report Approved By:

Shawn Price, Director of Laboratory Operations, AccuStar Labs

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.

