NORTH Dakota | Environmental Quality
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August 31, 2020

Christopher M. Arnold, CHFM
Director of Buildings and Grounds
Grand Forks Public Schools
2400 47th Ave S.
Grand Forks, ND 58201

Dear Mr. Arnold:

This letter in regard to the short-term radon testing that was conducted on March 10-13 and March 13-16, 2020, at the Red River High School building located at 2211 17th Ave South in Grand Forks, North Dakota. The short-term radon test kits were deployed at your request to determine the radon levels in each room that was tested. The testing was conducted by Wyatt Peterson, an Environmental Scientist and Justin Otto, Radon Coordinator with the North Dakota Department of Environmental Quality (Department).

Along with this letter are two attachments. Attachment 1 is floor plans with the layout of the Red River High School building that indicates the location of the radon test kits. Attachment 2 shows the results of the short-term radon tests for each room that was tested. The initial short-term radon test results from March 10-13, 2020 that were open for the entire testing period ranged from <0.3 to 1.6 picocuries per liter (pCi/L). The continuous radon monitor (CRM) was placed in room B8 from March 13-16, 2020 with a radon average of 0.2 pCi/L for the testing period. 237 out of 237 radon test kits were analyzed for radon. 237 out of 237 radon test results are below the EPA action level of 4.0 pCi/L. The results may be questionable for 2 out of the 237 short-term radon test kits due to conditions that occurred during the test period. In 306, the big room, the radon test kit was covered, and the radon test kit in Room 110B got covered with a sticky note. The Department recommends retesting all the rooms that are stated above due to the radon test kits not meeting radon test protocol.

The short-term radon test kits ID Nos. AE749283, AE750060, AE750068, AE750059, AE691929, AE749291, AE749344, AE749290, AE691872 and AE749279 are blanks. Blanks are radon test kits that are not exposed to room air and are used to determine whether the test kits have been contaminated during storage. Blanks are opened and immediately re-sealed to keep room air from infiltrating the test kit. The blanks at this location came back at less than detectable (<). This indicated the radon test kits were not contaminated during storage since the laboratory's test kit analyzer did not detect any radon.

The short-term radon test kits ID Nos. AE749267 and AE749266 located in Room 405, AE749274 and AE749275 located in Room 407, AE692441 and AE692439 located in Room 311, AE691895 and AE691924 located in Room 305, AE691932 and AE691936 located in Room 307, AE692433 and AE692429 located in Room 309, AE691925and AE691917 located in Room 301, AE691880 and AE691921 located in Room 205, AE749317 and AE749300 located in Room 320, AE749309 and AE749295 located in Room 226 AE749339 and AE749343 located in Room 501, AE749352 and AE749362 located in Room 508 AE749347 and AE749359 located in Room 505, AE749339

and AE749343 located in Room 501, AE749316 and AE749324 located in Room 225, AE750038 and AE750031 located in the Wrestling Room, AE750037 and AE749999 located in the Weight Room Office, AE750021 and AE750029 located in the ROTC Room, AE750025 and AE750017 located in Room B5, AE750016 and AE749977 located in Room B9, AE749352 and AE749362 located in Room 508 and AE749272 and AE749284 located in Room 413 are duplicates; duplicate measurements were conducted as a means to assess precision of measurements. Following EPA Radon Measurement in school testing protocol, EPA 402-R-92-014, the duplicate measurements are in compliance. The results of the collocated duplicates are provided in Attachment 2.

The Department determined 235 out of 237 short-term radon test kits followed all the radon test kit protocols.

The Department recommends retesting 306, the big room, and 110B since the radon test kits did not meet radon test protocol. The Department recommends retesting the rooms in question to show that the results are accurate. Testing can be scheduled at a time that will allow these rooms to meet the closed-building condition protocol 12 hours prior to testing and remain closed through the radon testing period. No further radon testing is needed at this time for the other 235 radon test kits that are not questionable. The Department recommends that each building be tested for radon if the HVAC system has been modified in any way or remodeling has been performed. There is an uncertainty with any measurement result due to statistical variations and other factors such as daily and seasonal variations in radon concentrations. Variations may be due to changes in the weather, operation of the dwelling, or possible interference with the necessary test conditions.

If you have any questions, please contact me at -701-328-5246.

Sincerely,

Justin L. Otto, Env. Scientist
Radon & Indoor Air Program

JLO:mkg
Attach:

ALPHA ENERGY LABORATORIES
2501 Mayes Road, Ste 100
Carrollton, TX 75006
(800) 324-5928
www.DrHomeAir.com

Attachment 2
D = Duplicates B = Blanks
Test Location Recommended Retesting

Laboratory Certification Info
NRPP ID#: 101132 AL
STATE ID#: N/A
NJ MEB#: MEB 90095

Client: ND
918 E Divide Ave 3rd Floor
Bismarck, ND 58501 USA

RADON RESULTS SUMMARY

Detailed individual reports available online at DrHomeAir.com/Results
Short Term (Activated Charcoal)
EPA-402-R-92-004

Project: Red River High School
03 17 2020

Date Received: 3/17/2020

	Kit Serial	Lab ID	Test Address	Test Location/Floor	Structure/Reason	Closed?	Test Start	Test Stop	Result
1)	AE691892	2132963	Red River High School Grand Forks, ND 58201 USA	202 Not Provided	Not Provided Personal Knowledge	Yes	7:31 PM 3/10/2020	7:16 AM 3/13/2020	**<0.5 pCi/L** *
2)	AE691900	2132992	Red River High School Grand Forks, ND 58201 USA	203 Not Provided	Not Provided Personal Knowledge	Yes	7:33 PM 3/10/2020	7:15 AM 3/13/2020	**0.6 pCi/L**
3)	AE691872	2132993	Red River High School Grand Forks, ND 58201 USA	203 Not Provided	Not Provided Personal Knowledge	Yes	7:33 PM 3/10/2020	7:15 AM 3/13/2020	**<0.6 pCi/L** *
4)	AE691918	2132968	Red River High School Grand Forks, ND 58201 USA	201 Not Provided	Not Provided Personal Knowledge	Yes	7:34 PM 3/10/2020	7:13 AM 3/13/2020	**<0.8 pCi/L** *
5)	AE691909	2132967	Red River High School Grand Forks, ND 58201 USA	Mrs Hatt Office Not Provided	Not Provided Personal Knowledge	Yes	7:35 PM 3/10/2020	7:14 AM 3/13/2020	**<0.8 pCi/L** *
6)	AE691856	2132985	Red River High School Grand Forks, ND 58201 USA	Counselor Not Provided	Not Provided Personal Knowledge	Yes	7:38 PM 3/10/2020	7:56 AM 3/13/2020	**<0.6 pCi/L** *
7)	AE691896	2132953	Red River High School Grand Forks, ND 58201 USA	Conference Rm Not Provided	Not Provided Personal Knowledge	Yes	7:39 PM 3/10/2020	7:53 AM 3/13/2020	**<0.7 pCi/L** *
8)	AE691884	2132954	Red River High School Grand Forks, ND 58201 USA	F-k Rm Not Provided	Not Provided Personal Knowledge	Yes	7:41 PM 3/10/2020	7:54 AM 3/13/2020	**<0.5 pCi/L** *

QA/QC - Short Term Radon Tests have an estimated accuracy of ±5% when used according to directions.

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Measurement Specialist / Laboratory Director NJ MES: 11306 **Date** 3/19/2020

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9)	AE691905	2133016	Red River High School Grand Forks, ND 58201 USA	Science Wing Not Provided	Not Provided Personal Knowledge	Yes	7:43 PM 3/10/2020	6:55 AM 3/13/2020	**<0.6 pCi/L** *
10)	AE691876	2133022	Red River High School Grand Forks, ND 58201 USA	204 Not Provided	Not Provided Personal Knowledge	Yes	7:43 PM 3/10/2020	7:00 AM 3/13/2020	**<0.5 pCi/L** *
11)	AE691926	2133021	Red River High School Grand Forks, ND 58201 USA	206 Not Provided	Not Provided Personal Knowledge	Yes	7:45 PM 3/10/2020	7:01 AM 3/13/2020	**<0.6 pCi/L** *
12)	AE691919	2133020	Red River High School Grand Forks, ND 58201 USA	103 Not Provided	Not Provided Personal Knowledge	Yes	7:47 PM 3/10/2020	7:02 AM 3/13/2020	**<0.5 pCi/L** *
13)	AE691913	2133019	Red River High School Grand Forks, ND 58201 USA	208 Not Provided	Not Provided Personal Knowledge	Yes	7:48 PM 3/10/2020	7:03 AM 3/13/2020	**<0.8 pCi/L** *
14)	AE691911	2132960	Red River High School Grand Forks, ND 58201 USA	105 Not Provided	Not Provided Personal Knowledge	Yes	7:44 PM 3/10/2020	7:05 AM 3/13/2020	**<0.3 pCi/L** *
15)	AE691927	2133018	Red River High School Grand Forks, ND 58201 USA	Science Wing Not Provided	Not Provided Personal Knowledge	Yes	7:50 PM 3/10/2020	7:06 AM 3/13/2020	**<0.5 pCi/L** *
16)	AE691923	2132957	Red River High School Grand Forks, ND 58201 USA	210 Not Provided	Not Provided Personal Knowledge	Yes	7:51 PM 3/10/2020	7:07 AM 3/13/2020	**<0.5 pCi/L** *

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Measurement Specialist / Laboratory Director [signature] NJ MES: 11306 **Date** 3/19/2020

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17)	AE691904	2132971	Red River High School Grand Forks, ND 58201 USA	107 Not Provided	Not Provided Personal Knowledge	Yes	7:52 PM 3/10/2020	7:08 AM 3/13/2020	0.6 pCi/L
18)	AE691912	2132959	Red River High School Grand Forks, ND 58201 USA	212 Not Provided	Not Provided Personal Knowledge	Yes	7:55 PM 3/10/2020	7:09 AM 3/13/2020	<0.4 pCi/L *
19)	AE691910	2132961	Red River High School Grand Forks, ND 58201 USA	109 Not Provided	Not Provided Personal Knowledge	Yes	7:56 PM 3/10/2020	7:10 AM 3/13/2020	<0.5 pCi/L *
20)	AE691920	2132958	Red River High School Grand Forks, ND 58201 USA	214 Not Provided	Not Provided Personal Knowledge	Yes	7:57 PM 3/10/2020	7:10 AM 3/13/2020	0.5 pCi/L
21)	AE691928	2132969	Red River High School Grand Forks, ND 58201 USA	111 Not Provided	Not Provided Personal Knowledge	Yes	7:59 PM 3/10/2020	7:11 AM 3/13/2020	<0.7 pCi/L *
22)	AE691935	2132970	Red River High School Grand Forks, ND 58201 USA	Science Wing Not Provided	Not Provided Personal Knowledge	Yes	7:59 PM 3/10/2020	7:11 AM 3/13/2020	<0.6 pCi/L *
23)	AE691880	2133015	Red River High School Grand Forks, ND 58201 USA	205 Not Provided	Not Provided Personal Knowledge	Yes	8:01 PM 3/10/2020	7:17 AM 3/13/2020	0.6 pCi/L
24)	AE691921	2132962	Red River High School Grand Forks, ND 58201 USA	205 Not Provided	Not Provided Personal Knowledge	Yes	8:01 PM 3/10/2020	7:17 AM 3/13/2020	<0.4 pCi/L *

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25)	AE691925	2132964	Red River High School Grand Forks, ND 58201 USA	301 Not Provided	Not Provided Personal Knowledge	Yes	8:03 PM 3/10/2020	7:19 AM 3/13/2020	<0.6 pCi/L *
26)	AE691917	2133007	Red River High School Grand Forks, ND 58201 USA	301 Not Provided	Not Provided Personal Knowledge	Yes	8:03 PM 3/10/2020	7:19 AM 3/13/2020	0.5 pCi/L
27)	AE691860	2132950	Red River High School Grand Forks, ND 58201 USA	A-e Not Provided	Not Provided Personal Knowledge	Yes	8:04 PM 3/10/2020	7:56 AM 3/13/2020	<0.4 pCi/L *
28)	AE691887	2132949	Red River High School Grand Forks, ND 58201 USA	Career Center Not Provided	Not Provided Personal Knowledge	Yes	8:08 PM 3/10/2020	7:57 AM 3/13/2020	<0.6 pCi/L *
29)	AE691933	2132926	Red River High School Grand Forks, ND 58201 USA	Rj-z Not Provided	Not Provided Personal Knowledge	Yes	8:10 PM 3/10/2020	7:55 AM 3/13/2020	<0.4 pCi/L *
30)	AE691922	2133029	Red River High School Grand Forks, ND 58201 USA	L- Ri Not Provided	Not Provided Personal Knowledge	Yes	8:10 PM 3/10/2020	7:54 AM 3/13/2020	<0.5 pCi/L *
31)	AE691934	2133014	Red River High School Grand Forks, ND 58201 USA	301 Black Rm Not Provided	Not Provided Personal Knowledge	Yes	8:13 PM 3/10/2020	7:19 AM 3/13/2020	<0.6 pCi/L *
32)	AE691929	2133009	Red River High School Grand Forks, ND 58201 USA	303 Not Provided	Not Provided Personal Knowledge	Yes	8:21 PM 3/10/2020	7:21 AM 3/13/2020	<0.6 pCi/L *

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33)	AE691931	2133017	Red River High School Grand Forks, ND 58201 USA	303 Not Provided	Not Provided Personal Knowledge	Yes	8:21 PM 3/10/2020	7:21 AM 3/13/2020	<0.5 pCi/L *
34)	AE691895	2133005	Red River High School Grand Forks, ND 58201 USA	305 Not Provided	Not Provided Personal Knowledge	Yes	8:23 PM 3/10/2020	7:22 AM 3/13/2020	<0.7 pCi/L *
35)	AE691924	2133008	Red River High School Grand Forks, ND 58201 USA	305 Not Provided	Not Provided Personal Knowledge	Yes	8:23 PM 3/10/2020	7:22 AM 3/13/2020	<0.5 pCi/L *
36)	AE691932	2132979	Red River High School Grand Forks, ND 58201 USA	307 Not Provided	Not Provided Personal Knowledge	Yes	8:24 PM 3/10/2020	7:24 AM 3/13/2020	0.6 pCi/L
37)	AE691936	2132980	Red River High School Grand Forks, ND 58201 USA	307 Not Provided	Not Provided Personal Knowledge	Yes	8:24 PM 3/10/2020	7:24 AM 3/13/2020	<0.6 pCi/L *
38)	AE691930	2132978	Red River High School Grand Forks, ND 58201 USA	302 Not Provided	Not Provided Personal Knowledge	Yes	8:26 PM 3/10/2020	7:26 AM 3/13/2020	<0.6 pCi/L *
39)	AE692433	2133006	Red River High School Grand Forks, ND 58201 USA	309 Not Provided	Not Provided Personal Knowledge	Yes	8:28 PM 3/10/2020	7:27 AM 3/13/2020	<0.7 pCi/L *
40)	AE692429	2132973	Red River High School Grand Forks, ND 58201 USA	309 Not Provided	Not Provided Personal Knowledge	Yes	8:28 PM 3/10/2020	7:27 AM 3/13/2020	<0.6 pCi/L *

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41)	AE692441	2132965	Red River High School Grand Forks, ND 58201 USA	311 Not Provided	Not Provided Personal Knowledge	Yes	8:29 PM 3/10/2020	7:27 AM 3/13/2020	<0.5 pCi/L *
42)	AE692439	2132972	Red River High School Grand Forks, ND 58201 USA	311 Not Provided	Not Provided Personal Knowledge	Yes	8:29 PM 3/10/2020	7:27 AM 3/13/2020	<0.5 pCi/L *
43)	AE692435	2132999	Red River High School Grand Forks, ND 58201 USA	304 Office Not Provided	Not Provided Personal Knowledge	Yes	8:31 PM 3/10/2020	7:29 AM 3/13/2020	<0.5 pCi/L *
44)	AE692425	2132966	Red River High School Grand Forks, ND 58201 USA	400 Not Provided	Not Provided Personal Knowledge	Yes	8:35 PM 3/10/2020	7:30 AM 3/13/2020	<0.7 pCi/L *
45)	AE692437	2132998	Red River High School Grand Forks, ND 58201 USA	401 Not Provided	Not Provided Personal Knowledge	Yes	8:36 PM 3/10/2020	7:32 AM 3/13/2020	<0.5 pCi/L *
46)	AE692688	2133010	Red River High School Grand Forks, ND 58201 USA	313 Not Provided	Not Provided Personal Knowledge	Yes	9:03 PM 3/10/2020	7:50 AM 3/13/2020	<0.7 pCi/L *
47)	AE692717	2133011	Red River High School Grand Forks, ND 58201 USA	313 Inner Rm Not Provided	Not Provided Personal Knowledge	Yes	9:03 PM 3/10/2020	7:50 AM 3/13/2020	0.8 pCi/L
48)	AE692741	2133027	Red River High School Grand Forks, ND 58201 USA	306 Small Not Provided	Not Provided Personal Knowledge	Yes	9:04 PM 3/10/2020	7:51 AM 3/13/2020	<0.5 pCi/L *

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49)	AE692742	2132955	Red River High School Grand Forks, ND 58201 USA	306 Big Not Provided	Not Provided Personal Knowledge	Yes	9:06 PM 3/10/2020	7:49 AM 3/13/2020	<0.5 pCi/L *
50)	AE692705	2133028	Red River High School Grand Forks, ND 58201 USA	315 Not Provided	Not Provided Personal Knowledge	Yes	9:06 PM 3/10/2020	7:48 AM 3/13/2020	<0.5 pCi/L *
51)	AE692713	2132951	Red River High School Grand Forks, ND 58201 USA	317 Not Provided	Not Provided Personal Knowledge	Yes	9:07 PM 3/10/2020	7:48 AM 3/13/2020	0.5 pCi/L
52)	AE692739	2132956	Red River High School Grand Forks, ND 58201 USA	319 Not Provided	Not Provided Personal Knowledge	Yes	9:08 PM 3/10/2020	7:47 AM 3/13/2020	0.6 pCi/L
53)	AE692696	2133012	Red River High School Grand Forks, ND 58201 USA	415 Not Provided	Not Provided Personal Knowledge	Yes	9:11 PM 3/10/2020	7:42 AM 3/13/2020	0.8 pCi/L
54)	AE692743	2133026	Red River High School Grand Forks, ND 58201 USA	408 Not Provided	Not Provided Personal Knowledge	Yes	9:13 PM 3/10/2020	7:41 AM 3/13/2020	<0.5 pCi/L *
55)	AE692740	2132995	Red River High School Grand Forks, ND 58201 USA	406 Not Provided	Not Provided Personal Knowledge	Yes	9:15 PM 3/10/2020	7:37 AM 3/13/2020	0.7 pCi/L
56)	AE692724	2133025	Red River High School Grand Forks, ND 58201 USA	409 Not Provided	Not Provided Personal Knowledge	Yes	9:17 PM 3/10/2020	7:39 AM 3/13/2020	<0.6 pCi/L *

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Bismarck, ND 58501 USA

RADON RESULTS SUMMARY

Detailed individual reports available online at DrHomeAir.com/Results
Short Term (Activated Charcoal)
EPA-402-R-92-004

Project: Red River High School
03 17 2020

Date Received: 3/17/2020

	Kit Serial	Lab ID	Test Address	Test Location/Floor	Structure/Reason	Closed?	Test Start	Test Stop	Result
57)	AE692732	2133023	Red River High School Grand Forks, ND 58201 USA	404 Not Provided	Not Provided Personal Knowledge	Yes	9:19 PM 3/10/2020	7:36 AM 3/13/2020	<0.4 pCi/L *
58)	AE692744	2133000	Red River High School Grand Forks, ND 58201 USA	402 (50) Not Provided	Not Provided Personal Knowledge	Yes	9:19 PM 3/10/2020	7:34 AM 3/13/2020	0.7 pCi/L
59)	AE749267	2133024	Red River High School Grand Forks, ND 58201 USA	405 Not Provided	Not Provided Personal Knowledge	Yes	9:20 PM 3/10/2020	7:35 AM 3/13/2020	0.8 pCi/L
60)	AE749266	2133003	Red River High School Grand Forks, ND 58201 USA	405 Not Provided	Not Provided Personal Knowledge	Yes	9:20 PM 3/10/2020	7:35 AM 3/13/2020	<0.8 pCi/L *
61)	AE749275	2133001	Red River High School Grand Forks, ND 58201 USA	407 Not Provided	Not Provided Personal Knowledge	Yes	9:22 PM 3/10/2020	7:35 AM 3/13/2020	0.8 pCi/L
62)	AE749274	2132994	Red River High School Grand Forks, ND 58201 USA	407 Not Provided	Not Provided Personal Knowledge	Yes	9:22 PM 3/10/2020	7:35 AM 3/13/2020	0.9 pCi/L
63)	AE749269	2133004	Red River High School Grand Forks, ND 58201 USA	403 Not Provided	Not Provided Personal Knowledge	Yes	9:23 PM 3/10/2020	7:33 AM 3/13/2020	<0.8 pCi/L *
64)	AE749283	2132990	Red River High School Grand Forks, ND 58201 USA	411 Not Provided	Not Provided Personal Knowledge	Yes	9:25 PM 3/10/2020	7:38 AM 3/13/2020	<0.6 pCi/L *

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Measurement Specialist / Laboratory Director NJ MES: 11306 **Date** 3/19/2020

ALPHA ENERGY LABORATORIES
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(800) 324-5928
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Laboratory Certification Info
NRPP ID#: 101132 AL
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NJ MEB#: MEB 90095

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RADON RESULTS SUMMARY

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Short Term (Activated Charcoal)
EPA-402-R-92-004

Project: Red River High School
03 17 2020

Date Received: 3/17/2020

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65)	AE749282	2133002	Red River High School Grand Forks, ND 58201 USA	411 Not Provided	Not Provided Personal Knowledge	Yes	9:25 PM 3/10/2020	7:38 AM 3/13/2020	1.1 pCi/L
66)	AE749272	2132952	Red River High School Grand Forks, ND 58201 USA	413 Not Provided	Not Provided Personal Knowledge	Yes	9:26 PM 3/10/2020	7:40 AM 3/13/2020	1.6 pCi/L
67)	AE749284	2132996	Red River High School Grand Forks, ND 58201 USA	413 Not Provided	Not Provided Personal Knowledge	Yes	9:26 PM 3/10/2020	7:40 AM 3/13/2020	0.7 pCi/L
68)	AE749292	2132981	Red River High School Grand Forks, ND 58201 USA	410 Not Provided	Not Provided Personal Knowledge	Yes	9:28 PM 3/10/2020	7:43 AM 3/13/2020	0.9 pCi/L
69)	AE749291	2132982	Red River High School Grand Forks, ND 58201 USA	410 Not Provided	Not Provided Personal Knowledge	Yes	9:28 PM 3/10/2020	7:43 AM 3/13/2020	<0.6 pCi/L *
70)	AE749308	2133013	Red River High School Grand Forks, ND 58201 USA	321 Not Provided	Not Provided Personal Knowledge	Yes	9:30 PM 3/10/2020	7:44 AM 3/13/2020	0.6 pCi/L
71)	AE749290	2132921	Red River High School Grand Forks, ND 58201 USA	321 Not Provided	Not Provided Personal Knowledge	Yes	9:30 PM 3/10/2020	7:44 AM 3/13/2020	<0.5 pCi/L *
72)	AE749300	2132984	Red River High School Grand Forks, ND 58201 USA	320 Not Provided	Not Provided Personal Knowledge	Yes	9:32 PM 3/10/2020	7:45 AM 3/13/2020	0.8 pCi/L

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Short Term (Activated Charcoal)
EPA-402-R-92-004

Project: Red River High School
03 17 2020

Date Received: 3/17/2020

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73)	AE749317	2132983	Red River High School Grand Forks, ND 58201 USA	320 Not Provided	Not Provided Personal Knowledge	Yes	9:32 PM 3/10/2020	7:45 AM 3/13/2020	1.0 pCi/L
74)	AE749309	2132932	Red River High School Grand Forks, ND 58201 USA	226 Not Provided	Not Provided Personal Knowledge	Yes	9:33 PM 3/10/2020	8:05 AM 3/13/2020	<0.9 pCi/L *
75)	AE749295	2132986	Red River High School Grand Forks, ND 58201 USA	226 Not Provided	Not Provided Personal Knowledge	Yes	9:33 PM 3/10/2020	8:05 AM 3/13/2020	<0.5 pCi/L *
76)	AE749316	2132929	Red River High School Grand Forks, ND 58201 USA	225 Not Provided	Not Provided Personal Knowledge	Yes	9:34 PM 3/10/2020	8:05 AM 3/13/2020	0.9 pCi/L
77)	AE749324	2132944	Red River High School Grand Forks, ND 58201 USA	225 Not Provided	Not Provided Personal Knowledge	Yes	9:34 PM 3/10/2020	8:05 AM 3/13/2020	0.8 pCi/L
78)	AE749279	2132927	Red River High School Grand Forks, ND 58201 USA	224 Not Provided	Not Provided Personal Knowledge	Yes	9:36 PM 3/10/2020	8:04 AM 3/13/2020	<0.6 pCi/L *
79)	AE749271	2132987	Red River High School Grand Forks, ND 58201 USA	224 Not Provided	Not Provided Personal Knowledge	Yes	9:36 PM 3/10/2020	8:04 AM 3/13/2020	0.4 pCi/L
80)	AE749276	2132988	Red River High School Grand Forks, ND 58201 USA	223 Not Provided	Not Provided Personal Knowledge	Yes	9:38 PM 3/10/2020	8:03 AM 3/13/2020	0.7 pCi/L

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Measurement Specialist / Laboratory Director _____ NJ MES: 11306 Date 3/19/2020

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Short Term (Activated Charcoal)
EPA-402-R-92-004

Project: Red River High School
03 17 2020

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	Kit Serial	Lab ID	Test Address	Test Location/Floor	Structure/Reason	Closed?	Test Start	Test Stop	Result
81)	AE749325	2132931	Red River High School Grand Forks, ND 58201 USA	222 Not Provided	Not Provided Personal Knowledge	Yes	9:34 PM 3/10/2020	8:02 AM 3/13/2020	<0.8 pCi/L *
82)	AE749268	2132947	Red River High School Grand Forks, ND 58201 USA	221 Not Provided	Not Provided Personal Knowledge	Yes	9:39 PM 3/10/2020	8:03 AM 3/13/2020	<0.8 pCi/L *
83)	AE749332	2132989	Red River High School Grand Forks, ND 58201 USA	220 Not Provided	Not Provided Personal Knowledge	Yes	9:39 PM 3/10/2020	8:01 AM 3/13/2020	<0.7 pCi/L *
84)	AE749296	2132925	Red River High School Grand Forks, ND 58201 USA	218 Not Provided	Not Provided Personal Knowledge	Yes	9:41 PM 3/10/2020	8:07 AM 3/13/2020	<0.5 pCi/L *
85)	AE749288	2132924	Red River High School Grand Forks, ND 58201 USA	218 Office Not Provided	Not Provided Personal Knowledge	Yes	9:41 PM 3/10/2020	8:07 AM 3/13/2020	0.4 pCi/L
86)	AE749333	2132977	Red River High School Grand Forks, ND 58201 USA	114 Entry Rm Not Provided	Not Provided Personal Knowledge	Yes	9:45 PM 3/10/2020	8:09 AM 3/13/2020	<0.5 pCi/L *
87)	AE749340	2132936	Red River High School Grand Forks, ND 58201 USA	114 Lounge Not Provided	Not Provided Personal Knowledge	Yes	9:48 PM 3/10/2020	8:09 AM 3/13/2020	<0.5 pCi/L *
88)	AE749273	2132976	Red River High School Grand Forks, ND 58201 USA	Library Office Not Provided	Not Provided Personal Knowledge	Yes	9:50 PM 3/10/2020	8:11 AM 3/13/2020	<0.6 pCi/L *

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Measurement Specialist / Laboratory Director NJ MES: 11306 **Date** 3/19/2020

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RADON RESULTS SUMMARY

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Short Term (Activated Charcoal)
EPA-402-R-92-004

Project: Red River High School
03 17 2020

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89)	AE749265	2132946	Red River High School Grand Forks, ND 58201 USA	Library Work Rm Not Provided	Not Provided Personal Knowledge	Yes	9:51 PM 3/10/2020	8:11 AM 3/13/2020	**<0.5 pCi/L** *
90)	AE749281	2132938	Red River High School Grand Forks, ND 58201 USA	Condreence Rr 1 Not Provided	Not Provided Personal Knowledge	Yes	9:52 PM 3/10/2020	8:14 AM 3/13/2020	**<0.7 pCi/L** *
91)	AE749289	2132928	Red River High School Grand Forks, ND 58201 USA	Conference Tr 2 Not Provided	Not Provided Personal Knowledge	Yes	9:52 PM 3/10/2020	8:15 AM 3/13/2020	**<0.6 pCi/L** *
92)	AE749341	2132939	Red River High School Grand Forks, ND 58201 USA	Library Not Provided	Not Provided Personal Knowledge	Yes	9:55 PM 3/10/2020	8:12 AM 3/13/2020	**<0.6 pCi/L** *
93)	AE749280	2132920	Red River High School Grand Forks, ND 58201 USA	Library Not Provided	Not Provided Personal Knowledge	Yes	9:55 PM 3/10/2020	8:14 AM 3/13/2020	**0.5 pCi/L**
94)	AE749298	2132941	Red River High School Grand Forks, ND 58201 USA	216 Not Provided	Not Provided Personal Knowledge	Yes	9:57 PM 3/10/2020	7:59 AM 3/13/2020	**<0.4 pCi/L** *
95)	AE749297	2132918	Red River High School Grand Forks, ND 58201 USA	217 Not Provided	Not Provided Personal Knowledge	Yes	9:58 PM 3/10/2020	8:00 AM 3/13/2020	**<0.6 pCi/L** *
96)	AE749306	2132940	Red River High School Grand Forks, ND 58201 USA	219 Not Provided	Not Provided Personal Knowledge	Yes	9:59 PM 3/10/2020	8:00 AM 3/13/2020	**1.0 pCi/L**

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Measurement Specialist / Laboratory Director R J Fields NJ MES: 11306 Date 3/19/2020

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RADON RESULTS SUMMARY

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EPA-402-R-92-004

Project: Red River High School
03 17 2020

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97)	AE749307	2132937	Red River High School Grand Forks, ND 58201 USA	215 Not Provided	Not Provided Personal Knowledge	Yes	10:12 PM 3/10/2020	8:16 AM 3/13/2020	**<0.6 pCi/L** *
98)	AE749314	2132933	Red River High School Grand Forks, ND 58201 USA	213 Not Provided	Not Provided Personal Knowledge	Yes	10:14 PM 3/10/2020	8:17 AM 3/13/2020	**<0.7 pCi/L** *
99)	AE749305	2132930	Red River High School Grand Forks, ND 58201 USA	211 Not Provided	Not Provided Personal Knowledge	Yes	10:16 PM 3/10/2020	8:18 AM 3/13/2020	**<0.7 pCi/L** *
100)	AE749315	2132945	Red River High School Grand Forks, ND 58201 USA	209 Not Provided	Not Provided Personal Knowledge	Yes	10:14 PM 3/10/2020	8:19 AM 3/13/2020	**<0.6 pCi/L** *
101)	AE749322	2132923	Red River High School Grand Forks, ND 58201 USA	207 Office Not Provided	Not Provided Personal Knowledge	Yes	10:16 PM 3/10/2020	8:21 AM 3/13/2020	**<0.4 pCi/L** *
102)	AE749293	2132916	Red River High School Grand Forks, ND 58201 USA	Locker Boy 12 Not Provided	Not Provided Personal Knowledge	Yes	7:48 PM 3/10/2020	8:38 AM 3/13/2020	**0.4 pCi/L**
103)	AE749320	2132935	Red River High School Grand Forks, ND 58201 USA	Theatre 100 Not Provided	Not Provided Personal Knowledge	Yes	7:50 PM 3/10/2020	8:26 AM 3/13/2020	**<0.6 pCi/L** *
104)	AE749304	2132919	Red River High School Grand Forks, ND 58201 USA	Theater 100 Not Provided	Not Provided Personal Knowledge	Yes	7:51 PM 3/10/2020	8:25 AM 3/13/2020	**<0.5 pCi/L** *

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Measurement Specialist / Laboratory Director NJ MES: 11306 **Date** 3/19/2020

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Short Term (Activated Charcoal)
EPA-402-R-92-004

Project: Red River High School
03 17 2020

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Kit Serial	Lab ID	Test Address	Test Location/Floor	Structure/Reason	Closed?	Test Start	Test Stop	Result
105)AE749294	2132948	Red River High School Grand Forks, ND 58201 USA	Behind Stage Not Provided	Not Provided Personal Knowledge	Yes	7:53 PM 3/10/2020	8:28 AM 3/13/2020	**<0.5 pCi/L** *
106)AE749312	2132942	Red River High School Grand Forks, ND 58201 USA	Stage Office/ Not Provided	Not Provided Personal Knowledge	Yes	7:59 PM 3/10/2020	8:34 AM 3/13/2020	**<0.6 pCi/L** *
107)AE749318	2132974	Red River High School Grand Forks, ND 58201 USA	Rough Ridge Stage Not Provided	Not Provided Personal Knowledge	Yes	8:01 PM 3/10/2020	8:33 AM 3/13/2020	**<0.7 pCi/L** *
108)AE749326	2132917	Red River High School Grand Forks, ND 58201 USA	Rought Rider Stage Not Provided	Not Provided Personal Knowledge	Yes	8:02 PM 3/10/2020	8:33 AM 3/13/2020	**<0.7 pCi/L** *
109)AE749319	2132975	Red River High School Grand Forks, ND 58201 USA	Wood Shop Stage Not Provided	Not Provided Personal Knowledge	Yes	8:04 PM 3/10/2020	8:30 AM 3/13/2020	**<0.6 pCi/L** *
110)AE749327	2132943	Red River High School Grand Forks, ND 58201 USA	Wood Shop Not Provided	Not Provided Personal Knowledge	Yes	8:04 PM 3/10/2020	8:32 AM 3/13/2020	**0.6 pCi/L**
111)AE749329	2132922	Red River High School Grand Forks, ND 58201 USA	Sound Room Not Provided	Not Provided Personal Knowledge	Yes	8:06 PM 3/10/2020	8:24 AM 3/13/2020	**<0.4 pCi/L** *
112)AE749321	2132934	Red River High School Grand Forks, ND 58201 USA	Ticket Concession Not Provided	Not Provided Personal Knowledge	Yes	8:08 PM 3/10/2020	8:23 AM 3/13/2020	**<0.6 pCi/L** *

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Project: Red River High School
03 17 2020

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Kit Serial	Lab ID	Test Address	Test Location/Floor	Structure/Reason	Closed?	Test Start	Test Stop	Result
113)AE749299	2132991	Red River High School Grand Forks, ND 58201 USA	207 Not Provided	Not Provided Personal Knowledge	Yes	10:15 PM 3/10/2020	8:21 AM 3/13/2020	**<0.6 pCi/L** *
114)AE692728	2132997	Red River High School Grand Forks, ND 58201 USA	401 Innder Rm Not Provided	Not Provided Personal Knowledge	Yes	8:39 PM 3/10/2020	7:32 AM 3/13/2020	**0.9 pCi/L**

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RADON RESULTS SUMMARY

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Short Term (Activated Charcoal)
EPA-402-R-92-004

Project: Red River High School
03 17 Part 2

Date Received: 3/17/2020

	Kit Serial	Lab ID	Test Address	Test Location/Floor	Structure/Reason	Closed?	Test Start	Test Stop	Result
1)	AE749287	2133149	Red River High School Grand Forks, ND 58201 USA	102 Not Provided	Not Provided Personal Knowledge	Not Provided	8:12 AM 3/11/2020	8:59 AM 3/13/2020	**<0.7 pCi/L** *
2)	AE749285	2133125	Red River High School Grand Forks, ND 58201 USA	Kitchen 106 Not Provided	Not Provided Personal Knowledge	Not Provided	8:14 AM 3/11/2020	9:00 AM 3/13/2020	**<0.6 pCi/L** *
3)	AE749303	2133128	Red River High School Grand Forks, ND 58201 USA	102 Office Not Provided	Not Provided Personal Knowledge	Not Provided	8:13 AM 3/11/2020	8:59 AM 3/13/2020	**<0.6 pCi/L** *
4)	AE749286	2133145	Red River High School Grand Forks, ND 58201 USA	106 Not Provided	Not Provided Personal Knowledge	Not Provided	8:15 AM 3/11/2020	9:00 AM 3/13/2020	**<0.5 pCi/L** *
5)	AE749323	2133122	Red River High School Grand Forks, ND 58201 USA	104 Not Provided	Not Provided Personal Knowledge	Not Provided	8:16 AM 3/11/2020	9:02 AM 3/13/2020	**<0.6 pCi/L** *
6)	AE749311	2133034	Red River High School Grand Forks, ND 58201 USA	108 Main Not Provided	Not Provided Personal Knowledge	Not Provided	8:17 AM 3/11/2020	9:03 AM 3/13/2020	**<0.5 pCi/L** *
7)	AE749302	2133033	Red River High School Grand Forks, ND 58201 USA	Nursing Bedroom Not Provided	Not Provided Personal Knowledge	Not Provided	8:17 AM 3/11/2020	9:03 AM 3/13/2020	**<0.5 pCi/L** *
8)	AE749310	2133126	Red River High School Grand Forks, ND 58201 USA	Nursing Bedroom Not Provided	Not Provided Personal Knowledge	Not Provided	8:18 AM 3/11/2020	9:03 AM 3/13/2020	**<0.5 pCi/L** *

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Measurement Specialist / Laboratory Director NJ MES: 11306 **Date** 3/24/2020

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(800) 324-5928
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Laboratory Certification Info
NRPP ID#: 101132 AL
STATE ID#: N/A
NJ MEB#: MEB 90095

Client: ND
918 E Divide Ave 3rd Floor
Bismarck, ND 58501 USA

RADON RESULTS SUMMARY

Detailed individual reports available online at DrHomeAir.com/Results
Short Term (Activated Charcoal)
EPA-402-R-92-004

Project: Red River High School
03 17 Part 2

Date Received: 3/17/2020

	Kit Serial	Lab ID	Test Address	Test Location/Floor	Structure/Reason	Closed?	Test Start	Test Stop	Result
9)	AE749330	2133098	Red River High School Grand Forks, ND 58201 USA	110 A Not Provided	Not Provided Personal Knowledge	Not Provided	8:20 AM 3/11/2020	9:05 AM 3/13/2020	<0.6 pCi/L *
10)	AE749313	2133096	Red River High School Grand Forks, ND 58201 USA	110 B Not Provided	Not Provided Personal Knowledge	Not Provided	8:20 AM 3/11/2020	9:05 AM 3/13/2020	0.4 pCi/L
11)	AE749338	2133141	Red River High School Grand Forks, ND 58201 USA	Main Office Not Provided	Not Provided Personal Knowledge	Not Provided	8:22 AM 3/11/2020	8:49 AM 3/13/2020	<0.6 pCi/L *
12)	AE749331	2133035	Red River High School Grand Forks, ND 58201 USA	Main Office Not Provided	Not Provided Personal Knowledge	Not Provided	8:23 AM 3/11/2020	8:49 AM 3/13/2020	<0.5 pCi/L *
13)	AE749328	2133032	Red River High School Grand Forks, ND 58201 USA	School Store Not Provided	Not Provided Personal Knowledge	Not Provided	8:26 AM 3/11/2020	8:57 AM 3/13/2020	<0.3 pCi/L *
14)	AE749335	2133137	Red River High School Grand Forks, ND 58201 USA	Walters Office Not Provided	Not Provided Personal Knowledge	Not Provided	8:27 AM 3/11/2020	8:53 AM 3/13/2020	<0.5 pCi/L *
15)	AE749278	2133142	Red River High School Grand Forks, ND 58201 USA	~~Boy Locker Rm~~ Locker Bay Not Provided (WP)	Not Provided Personal Knowledge	Not Provided	8:10 AM 3/11/2020	9:07 AM 3/13/2020	<0.5 pCi/L *
16)	AE749270	2133148	Red River High School Grand Forks, ND 58201 USA	Security Office Not Provided	Not Provided Personal Knowledge	Not Provided	8:29 AM 3/11/2020	8:51 AM 3/13/2020	<0.9 pCi/L *

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EPA-402-R-92-004

Project: Red River High School
03 17 Part 2

Date Received: 3/17/2020

	Kit Serial	Lab ID	Test Address	Test Location/Floor	Structure/Reason	Closed?	Test Start	Test Stop	Result
17)	AE749342	2133151	Red River High School Grand Forks, ND 58201 USA	Mr Nelsons Office Not Provided	Not Provided Personal Knowledge	Not Provided	8:28 AM 3/11/2020	8:52 AM 3/13/2020	**0.6 pCi/L**
18)	AE749277	2133150	Red River High School Grand Forks, ND 58201 USA	Copy Room Not Provided	Not Provided Personal Knowledge	Not Provided	8:29 AM 3/11/2020	8:53 AM 3/13/2020	**<0.6 pCi/L** *
19)	AE749334	2133138	Red River High School Grand Forks, ND 58201 USA	Bina Office Not Provided	Not Provided Personal Knowledge	Not Provided	8:32 AM 3/11/2020	8:54 AM 3/13/2020	**0.4 pCi/L**
20)	AE749346	2133139	Red River High School Grand Forks, ND 58201 USA	Conference Rm Not Provided	Not Provided Personal Knowledge	Not Provided	8:32 AM 3/11/2020	8:55 AM 3/13/2020	**<0.4 pCi/L** *
21)	AE749354	2133140	Red River High School Grand Forks, ND 58201 USA	Dr Arason Not Provided	Not Provided Personal Knowledge	Not Provided	8:34 AM 3/11/2020	8:55 AM 3/13/2020	**0.3 pCi/L**
22)	AE749339	2133144	Red River High School Grand Forks, ND 58201 USA	501 Not Provided	Not Provided Personal Knowledge	Not Provided	8:38 AM 3/11/2020	9:09 AM 3/13/2020	**<0.6 pCi/L** *
23)	AE749343	2133129	Red River High School Grand Forks, ND 58201 USA	501 Not Provided	Not Provided Personal Knowledge	Not Provided	8:38 AM 3/11/2020	9:09 AM 3/13/2020	**<0.7 pCi/L** *
24)	AE749347	2133031	Red River High School Grand Forks, ND 58201 USA	505 Not Provided	Not Provided Personal Knowledge	Not Provided	8:40 AM 3/11/2020	9:12 AM 3/13/2020	**<0.4 pCi/L** *

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Client: ND
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Project: Red River High School
03 17 Part 2

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25)	AE749336	2133143	Red River High School Grand Forks, ND 58201 USA	501 Office Not Provided	Not Provided Personal Knowledge	Not Provided	8:39 AM 3/11/2020	9:11 AM 3/13/2020	<0.5 pCi/L *
26)	AE749359	2133036	Red River High School Grand Forks, ND 58201 USA	505 Not Provided	Not Provided Personal Knowledge	Not Provided	8:40 AM 3/11/2020	9:12 AM 3/13/2020	<0.7 pCi/L *
27)	AE749350	2133147	Red River High School Grand Forks, ND 58201 USA	507 Not Provided	Not Provided Personal Knowledge	Not Provided	8:42 AM 3/11/2020	9:13 AM 3/13/2020	<0.8 pCi/L *
28)	AE749344	2133146	Red River High School Grand Forks, ND 58201 USA	507 Not Provided	Not Provided Personal Knowledge	Not Provided	8:42 AM 3/11/2020	9:13 AM 3/13/2020	<0.8 pCi/L *
29)	AE749351	2133037	Red River High School Grand Forks, ND 58201 USA	502 Not Provided	Not Provided Personal Knowledge	Not Provided	8:44 AM 3/11/2020	9:14 AM 3/13/2020	<0.5 pCi/L *
30)	AE749348	2133100	Red River High School Grand Forks, ND 58201 USA	Dance Studio Not Provided	Not Provided Personal Knowledge	Not Provided	8:45 AM 3/11/2020	9:18 AM 3/13/2020	<0.5 pCi/L *
31)	AE749356	2133113	Red River High School Grand Forks, ND 58201 USA	509 Not Provided	Not Provided Personal Knowledge	Not Provided	8:47 AM 3/11/2020	9:21 AM 3/13/2020	<0.7 pCi/L *
32)	AE749352	2133101	Red River High School Grand Forks, ND 58201 USA	508 Not Provided	Not Provided Personal Knowledge	Not Provided	8:49 AM 3/11/2020	9:23 AM 3/13/2020	<0.5 pCi/L *

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Project: Red River High School
03 17 Part 2

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33)	AE749362	2133104	Red River High School Grand Forks, ND 58201 USA	508 Not Provided	Not Provided Personal Knowledge	Not Provided	8:50 AM 3/11/2020	9:23 AM 3/13/2020	<0.3 pCi/L *
34)	AE749353	2133127	Red River High School Grand Forks, ND 58201 USA	Weights Not Provided	Not Provided Personal Knowledge	Not Provided	8:52 AM 3/11/2020	9:19 AM 3/13/2020	<0.9 pCi/L *
35)	AE749355	2133097	Red River High School Grand Forks, ND 58201 USA	Gym Not Provided	Not Provided Personal Knowledge	Not Provided	8:54 AM 3/11/2020	9:26 AM 3/13/2020	<0.7 pCi/L *
36)	AE749345	2133099	Red River High School Grand Forks, ND 58201 USA	Gym Not Provided	Not Provided Personal Knowledge	Not Provided	8:54 AM 3/11/2020	9:16 AM 3/13/2020	<0.5 pCi/L *
37)	AE749358	2133116	Red River High School Grand Forks, ND 58201 USA	Coaches Office Not Provided	Not Provided Personal Knowledge	Not Provided	9:00 AM 3/11/2020	9:26 AM 3/13/2020	<0.5 pCi/L *
38)	AE749357	2133119	Red River High School Grand Forks, ND 58201 USA	Coaches Office Not Provided	Not Provided Personal Knowledge	Not Provided	9:02 AM 3/11/2020	9:28 AM 3/13/2020	<0.6 pCi/L *
39)	AE749337	2133120	Red River High School Grand Forks, ND 58201 USA	Training Center Not Provided	Not Provided Personal Knowledge	Not Provided	9:02 AM 3/11/2020	9:28 AM 3/13/2020	0.7 pCi/L
40)	AE749361	2133105	Red River High School Grand Forks, ND 58201 USA	Gym Conference Not Provided	Not Provided Personal Knowledge	Not Provided	9:04 AM 3/11/2020	9:28 AM 3/13/2020	<0.5 pCi/L *

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RADON RESULTS SUMMARY

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EPA-402-R-92-004

Project: Red River High School
03 17 Part 2

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	Kit Serial	Lab ID	Test Address	Test Location/Floor	Structure/Reason	Closed?	Test Start	Test Stop	Result
41)	AE749360	2133115	Red River High School Grand Forks, ND 58201 USA	Commons Area Not Provided	Not Provided Personal Knowledge	Not Provided	9:06 AM 3/11/2020	9:37 AM 3/13/2020	**<0.6 pCi/L** *
42)	AE749363	2133072	Red River High School Grand Forks, ND 58201 USA	Commons Area Not Provided	Not Provided Personal Knowledge	Not Provided	9:06 AM 3/11/2020	9:37 AM 3/13/2020	**<0.7 pCi/L** *
43)	AE749364	2133106	Red River High School Grand Forks, ND 58201 USA	Kitchen Not Provided	Not Provided Personal Knowledge	Not Provided	9:08 AM 3/11/2020	9:39 AM 3/13/2020	**0.5 pCi/L**
44)	AE749365	2133124	Red River High School Grand Forks, ND 58201 USA	Kitchen Office Not Provided	Not Provided Personal Knowledge	Not Provided	9:10 AM 3/11/2020	9:39 AM 3/13/2020	**<0.7 pCi/L** *
45)	AE749349	2133095	Red River High School Grand Forks, ND 58201 USA	Weights Not Provided	Not Provided Personal Knowledge	Not Provided	8:52 AM 3/11/2020	9:19 AM 3/13/2020	**<0.4 pCi/L** *
46)	AE749973	2133121	Red River High School Grand Forks, ND 58201 USA	607 Not Provided	Not Provided Personal Knowledge	Not Provided	9:25 AM 3/11/2020	9:42 AM 3/13/2020	**<0.4 pCi/L** *
47)	AE749976	2133114	Red River High School Grand Forks, ND 58201 USA	609 Not Provided	Not Provided Personal Knowledge	Not Provided	9:27 AM 3/11/2020	9:43 AM 3/13/2020	**<0.6 pCi/L** *
48)	AE749984	2133071	Red River High School Grand Forks, ND 58201 USA	611 Not Provided	Not Provided Personal Knowledge	Not Provided	9:29 AM 3/11/2020	9:44 AM 3/13/2020	**<0.5 pCi/L** *

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Project: Red River High School
03 17 Part 2

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49)	AE749972	2133070	Red River High School Grand Forks, ND 58201 USA	613 Not Provided	Not Provided Personal Knowledge	Not Provided	9:31 AM 3/11/2020	9:44 AM 3/13/2020	**<0.5 pCi/L** *
50)	AE749987	2133069	Red River High School Grand Forks, ND 58201 USA	615 Not Provided	Not Provided Personal Knowledge	Not Provided	9:32 AM 3/11/2020	9:45 AM 3/13/2020	**<0.5 pCi/L** *
51)	AE749995	2133089	Red River High School Grand Forks, ND 58201 USA	617 Not Provided	Not Provided Personal Knowledge	Not Provided	9:34 AM 3/11/2020	9:47 AM 3/13/2020	**0.8 pCi/L**
52)	AE749978	2133118	Red River High School Grand Forks, ND 58201 USA	612 Not Provided	Not Provided Personal Knowledge	Not Provided	9:37 AM 3/11/2020	9:51 AM 3/13/2020	**<0.8 pCi/L** *
53)	AE749985	2133112	Red River High School Grand Forks, ND 58201 USA	Receiving Not Provided	Not Provided Personal Knowledge	Not Provided	9:43 AM 3/11/2020	9:56 AM 3/13/2020	**<0.8 pCi/L** *
54)	AE749986	2133107	Red River High School Grand Forks, ND 58201 USA	Receiving Office Not Provided	Not Provided Personal Knowledge	Not Provided	9:43 AM 3/11/2020	9:57 AM 3/13/2020	**<0.5 pCi/L** *
55)	AE750004	2133090	Red River High School Grand Forks, ND 58201 USA	617 Not Provided	Not Provided Personal Knowledge	Not Provided	9:35 AM 3/11/2020	9:47 AM 3/13/2020	**1.4 pCi/L**
56)	AE750012	2133117	Red River High School Grand Forks, ND 58201 USA	612 Not Provided	Not Provided Personal Knowledge	Not Provided	9:37 AM 3/11/2020	9:51 AM 3/13/2020	**0.6 pCi/L**

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03 17 Part 2

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57)	AE750020	2133111	Red River High School Grand Forks, ND 58201 USA	610 Office Not Provided	Not Provided Personal Knowledge	Not Provided	9:40 AM 3/11/2020	9:51 AM 3/13/2020	**1.0 pCi/L**
58)	AE750028	2133075	Red River High School Grand Forks, ND 58201 USA	606 Not Provided	Not Provided Personal Knowledge	Not Provided	9:41 AM 3/11/2020	9:52 AM 3/13/2020	**<0.8 pCi/L** *
59)	AE750036	2133092	Red River High School Grand Forks, ND 58201 USA	608 Not Provided	Not Provided Personal Knowledge	Not Provided	9:42 AM 3/11/2020	9:54 AM 3/13/2020	**<0.6 pCi/L** *
60)	AE750044	2133073	Red River High School Grand Forks, ND 58201 USA	608 Not Provided	Not Provided Personal Knowledge	Not Provided	9:42 AM 3/11/2020	9:54 AM 3/13/2020	**<0.6 pCi/L** *
61)	AE749989	2133109	Red River High School Grand Forks, ND 58201 USA	Big Gym Not Provided	Not Provided Personal Knowledge	Not Provided	9:45 AM 3/11/2020	10:09 AM 3/13/2020	**<0.6 pCi/L** *
62)	AE749993	2133110	Red River High School Grand Forks, ND 58201 USA	Big Gym Not Provided	Not Provided Personal Knowledge	Not Provided	9:46 AM 3/11/2020	10:09 AM 3/13/2020	**<0.7 pCi/L** *
63)	AE749992	2133093	Red River High School Grand Forks, ND 58201 USA	Big Gym Not Provided	Not Provided Personal Knowledge	Not Provided	9:47 AM 3/11/2020	10:02 AM 3/13/2020	**<0.7 pCi/L** *
64)	AE749994	2133108	Red River High School Grand Forks, ND 58201 USA	602 Not Provided	Not Provided Personal Knowledge	Not Provided	9:49 AM 3/11/2020	10:02 AM 3/13/2020	**<0.6 pCi/L** *

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65)	AE749979	2133030	Red River High School Grand Forks, ND 58201 USA	604 Not Provided	Not Provided Personal Knowledge	Not Provided	9:49 AM 3/11/2020	10:01 AM 3/13/2020	**<0.4 pCi/L** *
66)	AE750000	2133103	Red River High School Grand Forks, ND 58201 USA	Locker Bay Not Provided	Not Provided Personal Knowledge	Not Provided	9:51 AM 3/11/2020	10:01 AM 3/13/2020	**<0.4 pCi/L** *
67)	AE750002	2133074	Red River High School Grand Forks, ND 58201 USA	Locker Bay Not Provided	Not Provided Personal Knowledge	Not Provided	9:52 AM 3/11/2020	10:01 AM 3/13/2020	**<0.7 pCi/L** *
68)	AE749975	2133082	Red River High School Grand Forks, ND 58201 USA	Band 1 Not Provided	Not Provided Personal Knowledge	Not Provided	9:55 AM 3/11/2020	10:16 AM 3/13/2020	**0.8 pCi/L**
69)	AE749983	2133083	Red River High School Grand Forks, ND 58201 USA	Band 1 Not Provided	Not Provided Personal Knowledge	Not Provided	9:55 AM 3/11/2020	10:16 AM 3/13/2020	**0.8 pCi/L**
70)	AE750011	2133091	Red River High School Grand Forks, ND 58201 USA	Band 1 Office Not Provided	Not Provided Personal Knowledge	Not Provided	9:56 AM 3/11/2020	10:17 AM 3/13/2020	**<0.9 pCi/L** *
71)	AE750003	2133088	Red River High School Grand Forks, ND 58201 USA	Huber Office Not Provided	Not Provided Personal Knowledge	Not Provided	9:57 AM 3/11/2020	10:39 AM 3/13/2020	**1.1 pCi/L**
72)	AE750018	2133085	Red River High School Grand Forks, ND 58201 USA	Music Library Not Provided	Not Provided Personal Knowledge	Not Provided	9:59 AM 3/11/2020	10:37 AM 3/13/2020	**<0.5 pCi/L** *

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Measurement Specialist / Laboratory Director _____ NJ MES: 11306 **Date** 3/24/2020

ALPHA ENERGY LABORATORIES
2501 Mayes Road, Ste 100
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(800) 324-5928
www.DrHomeAir.com

Laboratory Certification Info
NRPP ID#: 101132 AL
STATE ID#: N/A
NJ MEB#: MEB 90095

Client: ND
918 E Divide Ave 3rd Floor
Bismarck, ND 58501 USA

RADON RESULTS SUMMARY

Detailed individual reports available online at DrHomeAir.com/Results
Short Term (Activated Charcoal)
EPA-402-R-92-004

Project: Red River High School
03 17 Part 2

Date Received: 3/17/2020

	Kit Serial	Lab ID	Test Address	Test Location/Floor	Structure/Reason	Closed?	Test Start	Test Stop	Result
73)	AE750010	2133084	Red River High School Grand Forks, ND 58201 USA	Colorful Offie Not Provided	Not Provided Personal Knowledge	Not Provided	10:00 AM 3/11/2020	10:37 AM 3/13/2020	**0.6 pCi/L**
74)	AE749991	2133086	Red River High School Grand Forks, ND 58201 USA	Practice Room Not Provided	Not Provided Personal Knowledge	Not Provided	10:01 AM 3/11/2020	10:39 AM 3/13/2020	**<0.6 pCi/L** *
75)	AE750026	2133081	Red River High School Grand Forks, ND 58201 USA	Practice Room Not Provided	Not Provided Personal Knowledge	Not Provided	10:01 AM 3/11/2020	10:40 AM 3/13/2020	**<0.7 pCi/L** *
76)	AE749980	2133087	Red River High School Grand Forks, ND 58201 USA	Band 2 Not Provided	Not Provided Personal Knowledge	Not Provided	10:02 AM 3/11/2020	10:36 AM 3/13/2020	**0.9 pCi/L**
77)	AE750009	2133102	Red River High School Grand Forks, ND 58201 USA	Band 2 Not Provided	Not Provided Personal Knowledge	Not Provided	10:02 AM 3/11/2020	10:36 AM 3/13/2020	**0.6 pCi/L**
78)	AE750042	2133050	Red River High School Grand Forks, ND 58201 USA	Harmony Lab Not Provided	Not Provided Personal Knowledge	Not Provided	10:03 AM 3/11/2020	10:21 AM 3/13/2020	**<0.6 pCi/L** *
79)	AE750034	2133063	Red River High School Grand Forks, ND 58201 USA	Dressing Room Not Provided	Not Provided Personal Knowledge	Not Provided	10:04 AM 3/11/2020	10:34 AM 3/13/2020	**<0.5 pCi/L** *
80)	AE750019	2133094	Red River High School Grand Forks, ND 58201 USA	Scene Shop Not Provided	Not Provided Personal Knowledge	Not Provided	10:10 AM 3/11/2020	10:23 AM 3/13/2020	**0.7 pCi/L**

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RADON RESULTS SUMMARY

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EPA-402-R-92-004

Project: Red River High School
03 17 Part 2

Date Received: 3/17/2020

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81)	AE750027	2133062	Red River High School Grand Forks, ND 58201 USA	Scene Shop Not Provided	Not Provided Personal Knowledge	Not Provided	10:10 AM 3/11/2020	10:23 AM 3/13/2020	**0.7 pCi/L**
82)	AE749988	2133051	Red River High School Grand Forks, ND 58201 USA	Stage Not Provided	Not Provided Personal Knowledge	Not Provided	10:11 AM 3/11/2020	10:30 AM 3/13/2020	**1.0 pCi/L**
83)	AE749981	2133045	Red River High School Grand Forks, ND 58201 USA	Auditorium Not Provided	Not Provided Personal Knowledge	Not Provided	10:15 AM 3/11/2020	10:27 AM 3/13/2020	**<0.6 pCi/L** *
84)	AE750050	2133046	Red River High School Grand Forks, ND 58201 USA	Auditorium Not Provided	Not Provided Personal Knowledge	Not Provided	10:15 AM 3/11/2020	10:27 AM 3/13/2020	**<0.8 pCi/L** *
85)	AE749990	2133044	Red River High School Grand Forks, ND 58201 USA	Break Room Not Provided	Not Provided Personal Knowledge	Not Provided	10:20 AM 3/11/2020	10:31 AM 3/13/2020	**0.5 pCi/L**
86)	AE749982	2133047	Red River High School Grand Forks, ND 58201 USA	Central Room Not Provided	Not Provided Personal Knowledge	Not Provided	10:30 AM 3/11/2020	10:31 AM 3/13/2020	**<0.6 pCi/L** *
87)	AE750007	2133080	Red River High School Grand Forks, ND 58201 USA	Prac Room Not Provided	Not Provided Personal Knowledge	Not Provided	10:24 AM 3/11/2020	10:41 AM 3/13/2020	**<0.5 pCi/L** *
88)	AE749998	2133123	Red River High School Grand Forks, ND 58201 USA	Orch Room Not Provided	Not Provided Personal Knowledge	Not Provided	10:27 AM 3/11/2020	10:45 AM 3/13/2020	**0.7 pCi/L**

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Measurement Specialist / Laboratory Director NJ MES: 11306 **Date** 3/24/2020

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RADON RESULTS SUMMARY

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Short Term (Activated Charcoal)
EPA-402-R-92-004

Client: ND
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Bismarck, ND 58501 USA

Project: Red River High School
03 17 Part 2

Date Received: 3/17/2020

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89)	AE749997	2133064	Red River High School Grand Forks, ND 58201 USA	Orch Room Not Provided	Not Provided Personal Knowledge	Not Provided	10:27 AM 3/11/2020	10:45 AM 3/13/2020	**<0.5 pCi/L** *
90)	AE750014	2133056	Red River High School Grand Forks, ND 58201 USA	Prac Room Not Provided	Not Provided Personal Knowledge	Not Provided	10:22 AM 3/11/2020	10:44 AM 3/13/2020	**<0.6 pCi/L** *
91)	AE750006	2133079	Red River High School Grand Forks, ND 58201 USA	Prac Room Not Provided	Not Provided Personal Knowledge	Not Provided	10:23 AM 3/11/2020	10:44 AM 3/13/2020	**<0.6 pCi/L** *
92)	AE750005	2133041	Red River High School Grand Forks, ND 58201 USA	Prac Room Not Provided	Not Provided Personal Knowledge	Not Provided	10:23 AM 3/11/2020	10:43 AM 3/13/2020	**<0.7 pCi/L** *
93)	AE750008	2133040	Red River High School Grand Forks, ND 58201 USA	Prac Room Not Provided	Not Provided Personal Knowledge	Not Provided	10:24 AM 3/11/2020	10:42 AM 3/13/2020	**<0.9 pCi/L** *
94)	AE750013	2133039	Red River High School Grand Forks, ND 58201 USA	Prac Room Not Provided	Not Provided Personal Knowledge	Not Provided	10:24 AM 3/11/2020	10:42 AM 3/13/2020	**<0.8 pCi/L** *
95)	AE750015	2133038	Red River High School Grand Forks, ND 58201 USA	Prac Room Not Provided	Not Provided Personal Knowledge	Not Provided	10:25 AM 3/11/2020	10:41 AM 3/13/2020	**<0.7 pCi/L** *
96)	AE749996	2133077	Red River High School Grand Forks, ND 58201 USA	Pool Room Not Provided	Not Provided Personal Knowledge	Not Provided	10:30 AM 3/11/2020	11:39 AM 3/13/2020	**1.0 pCi/L**

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Measurement Specialist / Laboratory Director [signature] NJ MES: 11306 **Date** 3/24/2020

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EPA-402-R-92-004

Project: Red River High School
03 17 Part 2

Date Received: 3/17/2020

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97) AE749977	2133052	Red River High School Grand Forks, ND 58201 USA	B9 Basement Not Provided	Not Provided Personal Knowledge	Not Provided	10:35 AM 3/11/2020	10:55 AM 3/13/2020	0.6 pCi/L
98) AE750016	2133065	Red River High School Grand Forks, ND 58201 USA	B9 Basement Not Provided	Not Provided Personal Knowledge	Not Provided	10:35 AM 3/11/2020	10:55 AM 3/13/2020	<0.5 pCi/L *
99) AE750017	2133057	Red River High School Grand Forks, ND 58201 USA	B5 Basement Not Provided	Not Provided Personal Knowledge	Not Provided	10:37 AM 3/11/2020	11:00 AM 3/13/2020	0.7 pCi/L
100)AE750025	2133066	Red River High School Grand Forks, ND 58201 USA	B5 Basement Not Provided	Not Provided Personal Knowledge	Not Provided	10:37 AM 3/11/2020	11:00 AM 3/13/2020	0.8 pCi/L
101)AE750033	2133042	Red River High School Grand Forks, ND 58201 USA	B6 Basement Not Provided	Not Provided Personal Knowledge	Not Provided	10:34 AM 3/11/2020	11:01 AM 3/13/2020	<0.6 pCi/L *
102)AE750021	2133049	Red River High School Grand Forks, ND 58201 USA	Rotc Not Provided	Not Provided Personal Knowledge	Not Provided	10:45 AM 3/11/2020	11:07 AM 3/13/2020	<0.5 pCi/L *
103)AE750029	2133048	Red River High School Grand Forks, ND 58201 USA	Rotc Not Provided	Not Provided Personal Knowledge	Not Provided	10:45 AM 3/11/2020	11:07 AM 3/13/2020	0.9 pCi/L
104)AE750041	2133043	Red River High School Grand Forks, ND 58201 USA	Rotc Office Not Provided	Not Provided Personal Knowledge	Not Provided	10:47 AM 3/11/2020	11:08 AM 3/13/2020	1.4 pCi/L

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EPA-402-R-92-004

Project: Red River High School
03 17 Part 2

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105)AE750049	2133058	Red River High School Grand Forks, ND 58201 USA	Rotc Office Not Provided	Not Provided Personal Knowledge	Not Provided	10:47 AM 3/11/2020	11:08 AM 3/13/2020	**0.6 pCi/L**
106)AE750037	2133054	Red River High School Grand Forks, ND 58201 USA	Weight Rm Office Not Provided	Not Provided Personal Knowledge	Not Provided	10:49 AM 3/11/2020	11:12 AM 3/13/2020	**1.3 pCi/L**
107)AE749999	2133059	Red River High School Grand Forks, ND 58201 USA	Weight Rm Office Not Provided	Not Provided Personal Knowledge	Not Provided	10:49 AM 3/11/2020	11:12 AM 3/13/2020	**0.7 pCi/L**
108)AE750035	2133067	Red River High School Grand Forks, ND 58201 USA	Weight Rm Not Provided	Not Provided Personal Knowledge	Not Provided	10:51 AM 3/11/2020	11:11 AM 3/13/2020	**0.8 pCi/L**
109)AE750043	2133131	Red River High School Grand Forks, ND 58201 USA	Weight Rm Not Provided	Not Provided Personal Knowledge	Not Provided	10:51 AM 3/11/2020	11:11 AM 3/13/2020	**0.4 pCi/L**
110)AE750023	2133055	Red River High School Grand Forks, ND 58201 USA	Wrestling Not Provided	Not Provided Personal Knowledge	Not Provided	10:55 AM 3/11/2020	11:15 AM 3/13/2020	**<0.9 pCi/L** *
111)AE750031	2133132	Red River High School Grand Forks, ND 58201 USA	Wrestling Not Provided	Not Provided Personal Knowledge	Not Provided	10:55 AM 3/11/2020	11:15 AM 3/13/2020	**0.8 pCi/L**
112)AE750038	2133068	Red River High School Grand Forks, ND 58201 USA	Wrestling Not Provided	Not Provided Personal Knowledge	Not Provided	10:55 AM 3/11/2020	11:15 AM 3/13/2020	**0.4 pCi/L**

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EPA-402-R-92-004

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03 17 Part 2

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113)AE750059	2133078	Red River High School Grand Forks, ND 58201 USA	707 Not Provided	Not Provided Personal Knowledge	Not Provided	10:59 AM 3/11/2020	11:20 AM 3/13/2020	<0.7 pCi/L *
114)AE750051	2133061	Red River High School Grand Forks, ND 58201 USA	707 Not Provided	Not Provided Personal Knowledge	Not Provided	10:59 AM 3/11/2020	11:20 AM 3/13/2020	<0.7 pCi/L *
115)AE750052	2133134	Red River High School Grand Forks, ND 58201 USA	706 Not Provided	Not Provided Personal Knowledge	Not Provided	11:00 AM 3/11/2020	11:21 AM 3/13/2020	<0.6 pCi/L *
116)AE750060	2133136	Red River High School Grand Forks, ND 58201 USA	706 Not Provided	Not Provided Personal Knowledge	Not Provided	11:00 AM 3/11/2020	11:21 AM 3/13/2020	<0.6 pCi/L *
117)AE750067	2133135	Red River High School Grand Forks, ND 58201 USA	705 Not Provided	Not Provided Personal Knowledge	Not Provided	11:03 AM 3/11/2020	11:24 AM 3/13/2020	<0.5 pCi/L *
118)AE750068	2133130	Red River High School Grand Forks, ND 58201 USA	705 Not Provided	Not Provided Personal Knowledge	Not Provided	11:03 AM 3/11/2020	11:24 AM 3/13/2020	<0.5 pCi/L *
119)AE692709	2133060	Red River High School Grand Forks, ND 58201 USA	Track 4 Not Provided	Not Provided Personal Knowledge	Not Provided	8:51 PM 3/10/2020	11:19 AM 3/13/2020	0.9 pCi/L
120)AE692736	2133133	Red River High School Grand Forks, ND 58201 USA	Track 2 Not Provided	Not Provided Personal Knowledge	Not Provided	8:46 PM 3/10/2020	11:08 AM 3/13/2020	0.9 pCi/L

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121)AE692712	2133076	Red River High School Grand Forks, ND 58201 USA	Track 1 Not Provided	Not Provided Personal Knowledge	Not Provided	8:43 AM 3/10/2020	11:27 AM 3/13/2020	**1.1 pCi/L**
122)AE692708	2133053	Red River High School Grand Forks, ND 58201 USA	Track 3 Not Provided	Not Provided Personal Knowledge	Not Provided	8:49 AM 3/10/2020	10:57 AM 3/13/2020	**1.0 pCi/L**

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Measurement Specialist / Laboratory Director NJ MES: 11306 **Date** 3/24/2020

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RADON TEST REPORT

I/O Red River

START DATE 3/13/20

START TIME 10:32

OPERATOR

SERIAL NO. CRMP-108-143
C/E (CPM/pCi/l) .384
BKG (pCi/l) .5

Hr	Conc. pCi/l	/	L B	RH %	B/P "Hg	deg F
1	.1	/		18	28.7	69
2	.2			18	28.7	69
3	.1			18	28.7	69
4	.0			17	28.7	68
5	.2			16	28.7	67
6	.0			15	28.7	66
7	.2			15	28.7	66
8	.0			15	28.7	65
9	.3			16	28.9	66
10	.2			16	28.9	66
11	.2			17	28.9	66
12	.4			17	28.9	67
	.5		1	17	29.0	67
17	.5			17	29.0	67
18	.1			16	29.0	67
19	.2			16	29.0	67
20	.3			16	29.0	67
21	.0			15	29.0	67
22	.3			14	29.0	66
23	.1			14	29.0	66
24	.1			14	29.0	66
25	.0			14	29.0	66
26	.7			14	29.0	66
27	.1			15	29.0	66
28	.0			15	29.0	66
29	.0			15	29.0	66
30	.2			15	29.0	66
31	.4			15	29.0	66
32	.2			15	29.0	66
33	.3			15	29.0	66
34	.2			15	29.0	66
35	.3			15	29.0	66
36	.1			15	29.0	66
37	.2			16	29.0	66
38	.4			16	29.0	66
39	.4			16	29.0	66
40	.3			16	29.0	66
41	.1			16	29.0	66
42	.1			16	29.0	66
43	.7			16	29.0	66
44	.5			16	29.0	66
45	.1			15	29.0	66
46	.1			15	29.0	66
47	.5			15	29.0	66
48	.1			16	29.0	66
49	.4			16	28.9	65
50	.1			17	28.7	65
51	.1			17	28.7	66
52	.4			17	28.7	66
53	.2			17	28.7	66
54	.2			17	28.7	66
55	.1			17	28.7	66
56	.1			17	28.7	66
57	.2			17	28.7	66
58	.0			17	28.7	66
59	.3			17	28.7	66
60	.1			17	28.7	66
61	.4			18	28.6	66
62	.0			18	28.6	66
63	.4			18	28.6	66
64	.1			18	28.5	66
65	.4			19	28.5	66
66	.4			19	28.5	66
67	.4			19	28.5	66
68	.1			21	28.5	66
69	.0			20	28.6	65
70	.2			18	28.6	65
71	.1			17	28.5	64
72	.0			17	28.5	64
73	.1			16	28.5	64
74	.3			17	28.5	64
75	.3			17	28.5	64
76	.2			17	28.5	64
77	.0			17	28.5	64
78	.3			17	28.5	64
79	.0			17	28.3	64
80	.0			17	28.3	64
81	.1			17	28.5	64
82	.5			17	28.5	65
83	.4			17	28.5	65
84	.5			17	28.5	65
85	.2			17	28.5	65
86	.1			17	28.5	65
87	.0			17	28.5	66
88	.5			17	28.5	66
89	.4			17	28.5	66
90	.1			17	28.6	66
91	.4			17	28.6	66
92	.6			17	28.5	66

Elapsed Time (min.) 5520
Total Count 1615
Avg. (pCi/l) .2