

**SUMMARY OF INDOOR ENVIRONMENTAL QUALITY, ELECTROMAGNETIC FIELDS, AND
RADON MONITORING RESULTS
MALIBU HIGH SCHOOL, MALIBU MIDDLE SCHOOL AND JUAN CABRILLO
ELEMENTARY SCHOOL**

NOVEMBER 2013

INDOOR ENVIRONMENTAL QUALITY

Indoor environmental quality (IEQ) parameter monitoring was conducted on November 6, 2013, for Malibu High and Middle Schools and November 7, 2013, for Cabrillo Elementary School. The monitoring included temperature (T), relative humidity (RH), carbon dioxide (CO₂), and dust levels.

The buildings were categorized into various functional groups/rooms based on the type of buildings, usage, room volume, heating, ventilation and/or air conditioning (HVAC) units, and/or other factors that may affect the IEQ parameters. Empty classrooms and/or buildings were excluded from the IEQ monitoring.

Efforts were taken to obtain the worst-case scenario for each group. The results for the temperature, humidity, and dust levels were within the parameter-specific guidelines listed on the results table.

Carbon dioxide was also monitored. Some classrooms in Buildings D, G, and I had carbon dioxide levels exceeding the recommended guideline listed on the results table. While these levels are not considered hazardous, some exposed individuals may experience drowsiness and fatigue.

ELECTRO-MAGNETIC FIELD EMISSIONS

Electromagnetic fields are produced when any electrical device is turned on. Electromagnetic field (EMF) emission monitoring was conducted on November 6, 2013, for both Malibu High and Middle Schools and Cabrillo Elementary School. The monitoring was performed on video display terminals including computer monitors and televisions using both liquid-crystal displays (LCD) and cathode-ray tubes (CRT). In addition, a communication system in the administration office of Cabrillo Elementary School was tested. No levels exceeded the recommended guidelines listed on the results table.

RADON TESTING

Radon is a colorless, odorless, tasteless gas, occurring naturally as an indirect decay product of uranium or thorium. Radon testing was conducted from November 1 through 3, 2013, for both Malibu High and Middle Schools and Cabrillo Elementary School. Two samples were placed on the ground (first) floor of buildings selected for testing. The testing locations/rooms were randomly selected. The results for each building are presented in the attached table.

All classroom radon levels were less than the guideline. One sample collected in the custodian's storage room slightly exceeded the guideline. The data do not suggest a significant source of radon is present at the schools.

MONITOR: Steven Modtland and Eric Barragan DATE: 11/06/13
 INSTRUMENT: TSI DustTrak 8520, Serial No. 22810 PROJECT NAME: Malibu / Cabrillo
 INSTRUMENT: TSI Q-Trak 7565, Serial No. 7565X1047020 PROJECT NO.: C13-780JTM
 CALIBRATION: Pre-Calibrated by supplier BUILDING NO./NAME: Malibu HS

LOCATION	TIME	TEMP. (F)	REL. HUM. (%)	CO2 (ppm)	DUST COUNT (mg/m ³)	OD	HVAC on or off	Doors Open	Windows Open	ADDITIONAL COMMENT
Criteria	NA	68.0 -80.5	See Temp	700 + outdoor level (286) = 986	0.15 mg/m ³	NA	NA	NA	NA	NA
Background - Middle School quad	08:28 AM	77.8	30.4	304	0.008	--	--	--	--	
Library, eastern portion	08:34 AM	78.5	24.1	730	0.030	37	off	1	14	
Room #103	08:46 AM	70.4	38.2	1042	0.004	36	on	1	0	
Room #209	08:52 AM	75.6	34.2	863	0.017	35	off	1	0	
Library, eastern portion	09:04 AM	72.6	30.7	495	0.012	28	off	2	14	
Background - High School quad	09:10 AM	84.3	14.9	282	0.019	--	--	--	0	
Room #402	09:18 AM	74.8	24.4	694	0.032	24	off	1	0	
Room #502	09:25 AM	72.6	21.8	381	0.013	4	off	2	0	
Room #505	Skipped - No Occupants									
Room #513	09:38 AM	75.6	31.5	1501	0.022	33	off	0	1	Window partially open
Room #604	09:42 AM	76.8	22.5	779	0.032	41	off	1	2	
Room #623	09:46 AM	75.9	23	817	0.024	26	off	1	3	
Library, eastern portion	09:54 AM	72.8	22.1	396	0.008	35	off	2	14	
Background - Middle School quad	10:00 AM	73.1	15.5	305	0.014	--	--	--	0	
Room #102	10:10 AM	72.6	24.3	830	0.036	34	off	1	0	
Room #207	10:16 AM	78.1	24.3	1162	0.041	31	off	1	0	
Background - High School quad	10:20 AM	74.5	14.4	293	0.008	--	--	--	0	
Room #401	10:24 AM	75.3	19.3	528	0.024	33	off	1	0	
Room #500A	10:30 AM	72.7	19.6	509	0.017	5	off	0	0	
Room #505	10:34 AM	74.3	18.1	319	0.016	15	off	1	0	
Room #513	10:36 AM	74.6	20.1	570	0.015	34	off	1	3	
Room #606	10:40 AM	74.4	21.1	621	0.007	34	off	1	1	
Room #625	10:44 AM	74.9	22.2	875	0.040	37	off	1	1	
Background - Middle School quad	10:52 AM	70.1	29.4	274	0.004	--	--	--	--	
Room #105	11:02 AM	73.4	35.7	1336	0.021	35	off	1	0	
Room #207	11:04 AM	75.9	32.2	1132	0.013	32	off	1	0	
Background - High School quad	11:10 AM	71.4	31.5	273	0.006	8	--	--	--	
Room #401	11:25 AM	73.8	32.6	1012	0.065	32	off	1	0	
Room #502	11:30 AM	75.3	29.1	381	0.005	5	off	2	0	
Room #505	Skipped - No Occupants									
Room #513	11:38 AM	75.4	35	1086	0.021	35	off	0	3	
Room #604	Skipped - No Occupants									
Background - Middle School quad	01:18 PM	69.4	57.2	275	0.005	--	--	--	--	
Library, eastern portion	01:20 PM	70.8	55.5	432	0.010	39	off	2	14	
Room #102	01:26 PM	73.5	47.7	692	0.009	32	off	0	0	
Room #205	01:32 PM	76.3	44.6	1550	0.012	30	off	1	0	
Background - High School quad	01:34 PM	70.5	52.3	284	0.005	7	--	--	--	
Room #402	01:38 PM	73.7	46.4	775	0.011	29	off	1	0	
Room #500A	01:42 PM	76.1	44.4	607	0.039	4	off	0	0	
Room #505	01:44 PM	75.3	46.3	420	0.061	30	off	2	0	
Room #511	01:48 PM	75.5	44	1458	0.027	29	on	1	0	
Room #605	01:52 PM	76.4	45.7	986	0.021	33	off	1	0	
Room #626	01:58 PM	76.7	47	889	0.007	42	off	1	--	
Background - Middle School quad	02:10 PM	68.9	56.3	271	0.006	--	--	--	--	
Room #102	02:18 PM	72.7	49.5	650	0.010	32	off	1	0	
Room #209	02:24 PM	73.2	44.5	1310	0.020	28	off	1	0	
Background - High School quad	02:28 PM	70.5	49.7	289	0.007	--	--	--	--	
Room #401	02:30 PM	72.1	54.6	741	0.067	27	off	1	0	
Room #502	02:32 PM	75.1	49.1	364	0.022	6	off	1	0	
Room #505	02:36 PM	73.5	51	464	0.055	27	off	2	0	
Room #511	02:38 PM	73.7	42.5	1269	0.011	22	on	1	0	
Room #604	02:40 PM	74.9	50.1	724	0.020	30	off	1	1	
Room #625	02:42 PM	74.3	52	750	0.010	33	off	1	0	
Background - Middle School quad	02:48 PM	71	51.1	284	0.005	--	--	--	--	

MONITOR: Steven Modland and Eric Barragan DATE: 11/07/13
 INSTRUMENT: TSI DustTrak 8520, Serial No. 22810 PROJECT NAME: Malibu / Cabrillo
 INSTRUMENT: TSI Q-Trak 7565, Serial No. 7565X1047020 PROJECT NO.: C13-780JTM
 CALIBRATION: Pre-Calibrated by supplier BUILDING NO./NAME: Cabrillo ES

LOCATION	TIME	TEMP. (C or F)	REL. HUM. (%)	CO2 (ppm, 1000)	DUST COUNT	OD	HVAC on or off	Doors Open	Windows Open	ADDITIONAL COMMENT
Criteria	NA	68.0 - 80.5	See Temp	700 + outdoor level (287) = 987	0.15 mg/m3	NA	NA	NA	NA	NA
Background - Between Buildings B and C	08:34 AM	68.8	38.5	290	0.017	--	--	--	--	
Room #5	08:36 AM	68.4	40.2	641	0.090	18	off	0	0	
Room #9	08:40 AM	71.4	40.8	860	0.046	27	off	1	0	
Room #13	08:44 AM	70.7	36.3	592	0.024	15	off	1	0	
Background - Between Buildings C and D	08:46 AM	70.5	38.2	280	0.019	--	--	--	--	
Cottage A	Skipped - No Occupants									
Library	Skipped - No Occupants									
Room #18	09:02 AM	70.5	40.4	1280	0.054	33	off	1	3	
Room #24	Skipped - No Occupants									
Background - Between Buildings B and C	09:30 AM	68.3	44.4	266	0.009	--	--	--	--	
Room #5	09:32 AM	70.3	42.8	1259	0.065	24	off	1	0	
Room #9	09:34 AM	72.6	40	830	0.030	27	off	1	0	
Room #12	Skipped - No Occupants									
Background - Between Buildings C and D	09:40 AM	74.7	31.6	305	0.007	--	--	--	--	
Cottage A	Skipped - No Occupants									
Library	Skipped - No Occupants									
Room #18	09:46 AM	74.1	36.5	1176	0.023	35	off	1	3	
Room #24	Skipped - No Occupants									
Background - Between Buildings B and C	10:00 AM	70.8	37.3	270	0.006	--	--	--	--	
Room #5	Skipped - No Occupants									
Room #9	10:26 AM	74	38.8	654	0.047	27	off	1	0	
Room #12	10:30 AM	73	37.5	640	0.026	20	off	0	0	
Background - Between Buildings C and D	10:32 AM	72.6	36	285	0.009	--	--	--	--	
Cottage A	Skipped - No Occupants									
Library	10:42 AM	72.5	37.2	396	0.016	14	off	3	0	
Room #18	10:44 AM	73.2	42.4	1510	0.023	35	off	1	3	
Room #24	10:50 AM	74.9	33.3	736	0.033	16	off	1	0	
Background - Between Buildings B and C	11:04 AM	75.5	24	268	0.012	--	--	--	--	
Room #5	11:06 AM	75.1	33.1	746	0.056	8	off	1	0	
Room #9	11:10 AM	76.4	30.2	708	0.035	29	off	1	0	
Room #15	11:14 AM	75.6	31.8	820	0.026	21	off	1	0	
Background - Between Buildings C and D	11:16 AM	75.3	31.3	275	0.020	--	--	--	--	
Cottage A	Skipped - No Occupants									
Library	11:20 AM	75.4	29	414	0.030	9	off	3	0	
Room #18	11:28 AM	73.2	37.6	1304	0.024	37	off	1	3	
Room #24	Skipped - No Occupants									
Background - Between Buildings B and C	11:48 AM	76.1	27.4	352	0.010	--	--	--	--	
Room #5	12:20 PM	76.8	28.2	446	0.043	20	off	2	0	
Room #8	12:24 PM	75.9	30.2	560	0.023	25	off	1	0	
Room #12	12:26 PM	75.2	32.1	924	0.028	24	off	2	0	
Background - Between Buildings C and D	12:28 PM	76.9	29.4	290	0.008	--	--	--	--	
Cottage A	Skipped - No Occupants									
Library	Skipped - No Occupants									
Room #18	12:32 PM	74.3	36.8	1213	0.032	30	off	1	3	
Room #24	12:38 PM	75.7	33.1	534	0.073	21	off	1	0	
Background - Between Buildings B and C	12:48 PM	73.3	33.7	308	0.007	--	--	--	--	
Room #3	12:50 PM	73.5	34.9	404	0.009	21	off	1	0	
Room #10	12:54 PM	74.5	35.9	706	0.042	20	off	1	0	
Room #15	12:56 PM	75.5	36.4	850	0.034	20	off	1	0	
Background - Between Buildings C and D	12:58 PM	79.1	31.2	281	0.006	--	--	--	--	
Cottage A	Skipped - No Occupants									
Library	01:00 PM	78.2	29.2	510	0.012	14	off	2	0	
Room #17	01:04 PM	74.3	33.4	490	0.062	20	off	1	1	
Room #24	Skipped - No Occupants									
Background - Between Buildings B and C	01:16 PM	72.9	49.8	302	0.008	--	--	--	--	
Room #5	12:00 AM									
Room #10	01:24 PM	73.8	47.2	640	0.043	22	off	1	0	
Room #15	01:26 PM	76	45.4	562	0.010	18	off	1	0	
Background - Between Buildings C and D	01:28 PM	77.6	45.7	289	0.007	--	--	--	--	
Cottage A	Skipped - No Occupants									
Library	Skipped - No Occupants									
Room #17	01:38 PM	74.4	44.7	600	0.035	21	off	1	0	
Room #24	01:42 PM	75.7	40.9	630	0.054	23	off	1	0	
Background - Between Buildings B and C	01:58 PM	71.1	46.1	325	0.016	--	--	--	--	
Room #5	02:04 PM	70.4	48.4	327	0.018	6	off	1	0	
Room #11	02:06 PM	73	45.6	388	0.012	21	off	2	0	
Room #12	02:08 PM	73.2	43.2	524	0.067	19	off	1	0	
Background - Between Buildings C and D	02:18 PM	71.4	41.9	264	0.008	--	--	--	--	
Cottage A	02:20 PM	75	38	464	0.046	14	off	1	0	
Library	Skipped - No Occupants									
Room #18	02:26 PM	72	45.2	520	0.050	30	off	1	3	
Room #24	02:28 PM	75.2	34.2	561	0.020	22	off	1	0	
Background - Between Buildings B and C	02:30 PM	70.3	48.2	261	0.009	--	--	--	--	
Background - Between	02:38 PM	72.1	46.3	282	0.007	--	--	--	--	



OBSERVER: Hsin Chou DATE: 11/06/13 INSTRU.: Holiday Industries, Inc.
 SCHOOL: Cabrillo ES PROJECT NO.: C13-780JTM MODEL: HI – 3603, Serial No. 104961

NOTES:

Distance From Source – Due to the physical configuration of the instrument the measurement of “0” is equaled to H at closest possible distance (~10 cm from center of probe to the source), and E at ~1.5 cm from the source.

CRT = cathode-ray tube monitor; LCD = liquid crystal display monitor.

AREA	DIST. FROM SOURCE (cm)	EMF SOURCE TESTED	Magnetic Field (<80,000) (mA/m)	Electrical Field (<5,000) (V/m)	ADDITIONAL COMMENT
Administration Office	0	Simplex Integrated Communications System, 5100 Series, Central Processing Unit	1.4	0.5	Tested the front side of the unit.
Administration Office	30	Simplex Integrated Communications System, 5100 Series, Central Processing Unit	2.6	0.2	Tested the front side of the unit.
Administration Office	0	Simplex Integrated Communications System, 5100 Series, Central Processing Unit	0.4	0.1	Tested the side of the unit next to a working desk.
Administration Office	30	Simplex Integrated Communications System, 5100 Series, Central Processing Unit	0.4	0.1	Tested the side of the unit next to a working desk.
Administration Office	0	Gateway, ~14"	8.4	1.1	
Administration Office	30	Gateway LCD, ~14"	2.0	0.1	
Administration Office	0	Coby LCD, ~32"	16.0	0.3	Tested the front side of the unit.
Administration Office	30	Coby LCD, ~32"	8.0	0.1	Tested the front side of the unit.
Administration Office	0	Coby LCD, ~32"	65.0	60.0	Tested the backside side of the unit.
Administration Office	30	Coby LCD, ~32"	30.0	10.0	Tested the backside side of the unit.
Administration Lounge	0	Laser printer, HP 2055dn	19.0	1.0	Tested while the machine was running.
Administration Lounge	30	Laser printer, HP 2055dn	5.0	0.1	Tested while the machine was running.
Administration Copy Room	0	Copier	5.0	2.0	Tested while the machine was running.
Administration Copy Room	30	Copier	1.5	0.5	Tested while the machine was running.
Library	0	Gateway LCD, ~15"	2.4	2.1	
Library	30	Gateway LCD, ~15"	0.5	0.1	
Library	0	Panasonic CRT, ~40", hanging from ceiling	430.0	640.0	
Library	30	Panasonic CRT, ~40", hanging from ceiling	170.0	30.0	
#3	0	Gateway CRT, ~14"	500.0	85.0	
#3	30	Gateway CRT, ~14"	150.0	4.0	
#3	0	Panasonic CRT, ~25", hanging from ceiling	110.0	400.0	

#3	30	Panasonic CRT, ~25", hanging from ceiling	16.0	22.0	
#5	0	Sharp CRT, ~25", hanging from ceiling	230.0	400.0	
#5	30	Sharp CRT, ~25", hanging from ceiling	82.0	38.0	
#8	0	Gateway CRT, ~14"	550.0	103.0	
#8	30	Gateway CRT, ~14"	200.0	3.0	
#9	0	Gateway CRT, ~17"	110.0	30.0	
#9	30	Gateway CRT, ~17"	8.0	0.3	
#15	0	Gateway CRT, ~14"	500.0	110.0	
#15	30	Gateway CRT, ~14"	110.0	3.0	
#17	0	HPLC 2001W LCD, ~21"	9.0	8.0	
#17	30	HPLC 2001W LCD, ~21"	1.3	1.0	
#24	0	Emerson CRT, ~19", hanging from ceiling	177.0	700.0	
#24	30	Emerson CRT, ~19", hanging from ceiling	57.0	30.0	
#25	0	Zenith CRT, ~30"	210.0	500.0	
#25	30	Zenith CRT, ~30"	77.0	40.0	

INITIAL RADON RESULTS - MHS/MMS AND CABRILLO

School	Bldg.	Room	Results (pCi/L)	Bldg. Average (pCi/L) (Guideline = 4 pCi/L)
MHS/MMS	Library	NA	1.20	1.38
		NA	1.55	
	Blue	1	0.88	1.18
		8	1.47	
	Leopard	401	0.84	0.73
		402	0.61	
	Thresher	301	0.81	1.23
		303	1.64	
	Angel	511	0.63	0.73
		506	0.83	
	Hammerhead	601	1.32	1.42
		602	1.52	
	Mako	101A	0.68	0.91
		106	1.14	
Blue	5	0.42	0.42	
	10	0.42		
Cabrillo	B	1	1.18	1.25
		3	1.32	
	C	7	4.27	2.75
		11	1.22	
	D	12	0.69	0.73
		13	0.76	
	E	8	3.04	2.10
		1	1.15	
	F	16	1.08	1.02
		22	0.96	
	Rear of Playground	24	0.68	0.68
		25	0.68	
	Cottage	Cottage A	0.68	0.73
		Cottage B	0.78	



0.68 pCi/L (Average)*

For Information Purposes Only

Tested Address: 2342 Manning Ave
Los Angeles, CA 90064

Customer: Mark Katchen
2342 Manning Ave
Los Angeles, CA 90064

Company: Phylmar Group
Phone: 310-474-3937
Fax:

*Actual level is less than reported level

Tested Location: Cottage A & B

Analysis Date: 11/07/2013

Mimumum Detectable Level (pCi/L): 0.68

Report Date: 11/08/2013

Testing Period: 11/1/13 2:40 pm to 11/3/13 2:30 pm

Canister	Result (pCi/L)
012-067	0.68
012-068	0.78

About your Radon-In-Air Test Results

EPA recommends the following steps if your result is 4 pCi/L or higher:

- Step 1: Perform either another short-term or a long-term test as a follow-up test. The higher your initial short-term result, the more certain you can be that you should take a short-term rather than a long-term follow up test. If your first short-term test result is several times the action level - for example, about 10 pCi/L or higher - you should take a second short-term test immediately.
- Step 2: If you followed up with a long-term test: Fix your home if your long-term test result is 4 pCi/L or more.
If you followed up with a short-term test: The higher your short-term results, the more certain you can be that you should fix your home. Consider fixing your home if the average of your first and second text is 4 pCi/L or higher.

If your radon results are greater than 4.0 pCi/L, or you want additional information, the California radon office can be reached at: . They can give you more information including a list of NEHA or State approved radon contractors for radon remediation. To learn more about radon and how to reduce radon in your home, RSCS recommends the U.S. Environmental Protection Agency (EPA) website: www.eap.gov/iaq/radon/pubs/

In 1999 the EPA transferred management of the Radon Proficiency Program (RPP) to the National Environmental Health



0.68 pCi/L (Average)*

For Information Purposes Only

Tested Address: 2342 Manning Ave
Los Angeles, CA 90064

Customer: Mark Katchen
2342 Manning Ave
Los Angeles, CA 90064

Company: Phylmar Group
Phone: 310-474-3937
Fax:

*Actual level is less than reported level

Tested Location: Rooms 24 & 25

Mimumum Detectable Level (pCi/L): 0.68

Testing Period: 11/1/13 2:18 pm to 11/3/13 2:26 pm

Analysis Date: 11/07/2013

Report Date: 11/08/2013

Canister	Result (pCi/L)
013-011	0.68
013-012	0.68

About your Radon-In-Air Test Results

EPA recommends the following steps if your result is 4 pCi/L or higher:

- Step 1: Perform either another short-term or a long-term test as a follow-up test. The higher your initial short-term result, the more certain you can be that you should take a short-term rather than a long-term follow up test. If your first short-term test result is several times the action level - for example, about 10 pCi/L or higher - you should take a second short-term test immediately.
- Step 2: If you followed up with a long-term test: Fix your home if your long-term test result is 4 pCi/L or more.
If you followed up with a short-term test: The higher your short-term results, the more certain you can be that you should fix your home. Consider fixing your home if the average of your first and second test is 4 pCi/L or higher.

If your radon results are greater than 4.0 pCi/L, or you want additional information, the California radon office can be reached at: . They can give you more information including a list of NEHA or State approved radon contractors for radon remediation. To learn more about radon and how to reduce radon in your home, RSCS recommends the U.S. Environmental Protection Agency (EPA) website: www.eap.gov/iaq/radon/pubs/

In 1999 the EPA transferred management of the Radon Proficiency Program (RPP) to the National Environmental Health



1.02 pCi/L (Average)

For Information Purposes Only

Tested Address: 2342 Manning Ave
Los Angeles, CA 90064

Customer: Mark Katchen
2342 Manning Ave
Los Angeles, CA 90064

Company: Phylmar Group
Phone: 310-474-3937
Fax:

Tested Location: Rooms 16 & 22
Minimum Detectable Level (pCi/L): 0.69
Testing Period: 11/1/13 2:00 pm to 11/3/13 2:22 pm

Analysis Date: 11/07/2013
Report Date: 11/08/2013

Canister	Result (pCi/L)
013-047	1.08
013-048	0.96

About your Radon-In-Air Test Results

EPA recommends the following steps if your result is 4 pCi/L or higher:

- Step 1:** Perform either another short-term or a long-term test as a follow-up test. The higher your initial short-term result, the more certain you can be that you should take a short-term rather than a long-term follow up test. If your first short-term test result is several times the action level - for example, about 10 pCi/L or higher - you should take a second short-term test immediately.
- Step 2:** If you followed up with a long-term test: Fix your home if your long-term test result is 4 pCi/L or more.
If you followed up with a short-term test: The higher your short-term results, the more certain you can be that you should fix your home. Consider fixing your home if the average of your first and second test is 4 pCi/L or higher.

If your radon results are greater than 4.0 pCi/L, or you want additional information, the California radon office can be reached at: . They can give you more information including a list of NEHA or State approved radon contractors for radon remediation. To learn more about radon and how to reduce radon in your home, RSCS recommends the U.S. Environmental Protection Agency (EPA) website: www.eap.gov/iaq/radon/pubs/

In 1999 the EPA transferred management of the Radon Proficiency Program (RPP) to the National Environmental Health



2.09 pCi/L (Average)

For Information Purposes Only

Tested Address: 2342 Manning Ave
Los Angeles, CA 90064

Customer: Mark Katchen
2342 Manning Ave
Los Angeles, CA 90064

Company: Phylmar Group
Phone: 310-474-3937
Fax:

Tested Location: Rooms 8 & 1 Bldg. E
Minimum Detectable Level (pCi/L): 0.67
Testing Period: 11/1/13 1:56 pm to 11/3/13 2:18 pm

Analysis Date: 11/07/2013
Report Date: 11/08/2013

Canister	Result (pCi/L)
013-091	3.04
013-092	1.15

About your Radon-In-Air Test Results

EPA recommends the following steps if your result is 4 pCi/L or higher:

- Step 1:** Perform either another short-term or a long-term test as a follow-up test. The higher your initial short-term result, the more certain you can be that you should take a short-term rather than a long-term follow up test. If your first short-term test result is several times the action level - for example, about 10 pCi/L or higher - you should take a second short-term test immediately.
- Step 2:** If you followed up with a long-term test: Fix your home if your long-term test result is 4 pCi/L or more.
If you followed up with a short-term test: The higher your short-term results, the more certain you can be that you should fix your home. Consider fixing your home if the average of your first and second test is 4 pCi/L or higher.

If your radon results are greater than 4.0 pCi/L, or you want additional information, the California radon office can be reached at: . They can give you more information including a list of NEHA or State approved radon contractors for radon remediation. To learn more about radon and how to reduce radon in your home, RSCS recommends the U.S. Environmental Protection Agency (EPA) website: www.eap.gov/iaq/radon/pubs/

In 1999 the EPA transferred management of the Radon Proficiency Program (RPP) to the National Environmental Health



0.70 pCi/L (Average)

For Information Purposes Only

Tested Address: 2342 Manning Ave
Los Angeles, CA 90064

Customer: Mark Katchen
2342 Manning Ave
Los Angeles, CA 90064

Company: Phylmar Group
Phone: 310-474-3937
Fax:

Tested Location: Rooms 12 & 13
Mimumum Detectable Level (pCi/L): 0.69
Testing Period: 11/1/13 1:40 pm to 11/3/13 2:04 pm

Analysis Date: 11/07/2013
Report Date: 11/08/2013

Canister	Result (pCi/L)
013-029	0.69
013-030	0.76

About your Radon-In-Air Test Results

EPA recommends the following steps if your result is 4 pCi/L or higher:

- Step 1: Perform either another short-term or a long-term test as a follow-up test. The higher your initial short-term result, the more certain you can be that you should take a short-term rather than a long-term follow up test. If your first short-term test result is several times the action level - for example, about 10 pCi/L or higher - you should take a second short-term test immediately.
- Step 2: If you followed up with a long-term test: Fix your home if your long-term test result is 4 pCi/L or more.
If you followed up with a short-term test: The higher your short-term results, the more certain you can be that you should fix your home. Consider fixing your home if the average of your first and second test is 4 pCi/L or higher.

If your radon results are greater than 4.0 pCi/L, or you want additional information, the California radon office can be reached at: . They can give you more information including a list of NEHA or State approved radon contractors for radon remediation. To learn more about radon and how to reduce radon in your home, RSCS recommends the U.S. Environmental Protection Agency (EPA) website: www.eap.gov/iaq/radon/pubs/

In 1999 the EPA transferred management of the Radon Proficiency Program (RPP) to the National Environmental Health



2.75 pCi/L (Average)

For Information Purposes Only

Tested Address: 2342 Manning Ave
Los Angeles, CA 90064

Customer: Mark Katchen
2342 Manning Ave
Los Angeles, CA 90064

Company: Phylmar Group
Phone: 310-474-3937
Fax:

Tested Location: Rooms 7 & 11
Minimum Detectable Level (pCi/L): 0.69
Testing Period: 11/1/13 1:24 pm to 11/3/13 2:10 pm

Analysis Date: 11/07/2013
Report Date: 11/08/2013

Canister	Result (pCi/L)
013-023	4.27
013-024	1.22

About your Radon-In-Air Test Results

EPA recommends the following steps if your result is 4 pCi/L or higher:

- Step 1:** Perform either another short-term or a long-term test as a follow-up test. The higher your initial short-term result, the more certain you can be that you should take a short-term rather than a long-term follow up test. If your first short-term test result is several times the action level - for example, about 10 pCi/L or higher - you should take a second short-term test immediately.
- Step 2:** If you followed up with a long-term test: Fix your home if your long-term test result is 4 pCi/L or more.
If you followed up with a short-term test: The higher your short-term results, the more certain you can be that you should fix your home. Consider fixing your home if the average of your first and second test is 4 pCi/L or higher.

If your radon results are greater than 4.0 pCi/L, or you want additional information, the California radon office can be reached at: . They can give you more information including a list of NEHA or State approved radon contractors for radon remediation. To learn more about radon and how to reduce radon in your home, RSCS recommends the U.S. Environmental Protection Agency (EPA) website: www.eap.gov/iaq/radon/pubs/

In 1999 the EPA transferred management of the Radon Proficiency Program (RPP) to the National Environmental Health



1.25 pCi/L (Average)

For Information Purposes Only

Tested Address: 2342 Manning Ave
Los Angeles, CA 90064

Customer: Mark Katchen
2342 Manning Ave
Los Angeles, CA 90064

Company: Phylmar Group
Phone: 310-474-3937
Fax:

Tested Location: Rooms 1 & 3
Minimum Detectable Level (pCi/L): 0.68
Testing Period: 11/1/13 1:10 pm to 11/3/13 2:08 pm

Analysis Date: 11/07/2013
Report Date: 11/08/2013

Canister	Result (pCi/L)
012-009	1.18
012-010	1.32

About your Radon-In-Air Test Results

EPA recommends the following steps if your result is 4 pCi/L or higher:

- Step 1: Perform either another short-term or a long-term test as a follow-up test. The higher your initial short-term result, the more certain you can be that you should take a short-term rather than a long-term follow up test. If your first short-term test result is several times the action level - for example, about 10 pCi/L or higher - you should take a second short-term test immediately.
- Step 2: If you followed up with a long-term test: Fix your home if your long-term test result is 4 pCi/L or more.
If you followed up with a short-term test: The higher your short-term results, the more certain you can be that you should fix your home. Consider fixing your home if the average of your first and second test is 4 pCi/L or higher.

If your radon results are greater than 4.0 pCi/L, or you want additional information, the California radon office can be reached at: . They can give you more information including a list of NEHA or State approved radon contractors for radon remediation. To learn more about radon and how to reduce radon in your home, RSCS recommends the U.S. Environmental Protection Agency (EPA) website: www.eap.gov/iaq/radon/pubs/

In 1999 the EPA transferred management of the Radon Proficiency Program (RPP) to the National Environmental Health



0.42 pCi/L (Average)*

For Information Purposes Only

Tested Address: 2342 Manning Ave
Los Angeles, CA 90064

Customer: Mark Katchen
2342 Manning Ave
Los Angeles, CA 90064

Company: Phylmar Group
Phone: 310-474-3937
Fax:

*Actual level is less than reported level

Tested Location: Rooms 5 & 10

Analysis Date: 11/06/2013

Mimumum Detectable Level (pCi/L): 0.42

Report Date: 11/08/2013

Testing Period: 11/1/13 12:48 pm to 11/3/13 2:40 pm

Canister	Result (pCi/L)
013-073	0.42
013-074	0.42

About your Radon-In-Air Test Results

EPA recommends the following steps if your result is 4 pCi/L or higher:

- Step 1: Perform either another short-term or a long-term test as a follow-up test. The higher your initial short-term result, the more certain you can be that you should take a short-term rather than a long-term follow up test. If your first short-term test result is several times the action level - for example, about 10 pCi/L or higher - you should take a second short-term test immediately.
- Step 2: If you followed up with a long-term test: Fix your home if your long-term test result is 4 pCi/L or more.
If you followed up with a short-term test: The higher your short-term results, the more certain you can be that you should fix your home. Consider fixing your home if the average of your first and second test is 4 pCi/L or higher.

If your radon results are greater than 4.0 pCi/L, or you want additional information, the California radon office can be reached at: . They can give you more information including a list of NEHA or State approved radon contractors for radon remediation. To learn more about radon and how to reduce radon in your home, RSCS recommends the U.S. Environmental Protection Agency (EPA) website: www.eap.gov/iaq/radon/pubs/

In 1999 the EPA transferred management of the Radon Proficiency Program (RPP) to the National Environmental Health

James K. Tarzia



0.91 pCi/L (Average)

For Information Purposes Only

Tested Address: 2342 Manning Ave
Los Angeles, CA 90064

Customer: Mark Katchen
2342 Manning Ave
Los Angeles, CA 90064

Company: Phylmar Group
Phone: 310-474-3937
Fax:

Tested Location: Rooms 101A & 106
Minimum Detectable Level (pCi/L): 0.57
Testing Period: 11/1/13 12:38 pm to 11/3/13 1:58 pm

Analysis Date: 11/06/2013
Report Date: 11/08/2013

Canister	Result (pCi/L)
013-035	0.68
013-036	1.14

About your Radon-In-Air Test Results

EPA recommends the following steps if your result is 4 pCi/L or higher:

- Step 1: Perform either another short-term or a long-term test as a follow-up test. The higher your initial short-term result, the more certain you can be that you should take a short-term rather than a long-term follow up test. If your first short-term test result is several times the action level - for example, about 10 pCi/L or higher - you should take a second short-term test immediately.
- Step 2: If you followed up with a long-term test: Fix your home if your long-term test result is 4 pCi/L or more.
If you followed up with a short-term test: The higher your short-term results, the more certain you can be that you should fix your home. Consider fixing your home if the average of your first and second test is 4 pCi/L or higher.

If your radon results are greater than 4.0 pCi/L, or you want additional information, the California radon office can be reached at: . They can give you more information including a list of NEHA or State approved radon contractors for radon remediation. To learn more about radon and how to reduce radon in your home, RSCS recommends the U.S. Environmental Protection Agency (EPA) website: www.eap.gov/iaq/radon/pubs/

In 1999 the EPA transferred management of the Radon Proficiency Program (RPP) to the National Environmental Health



1.42 pCi/L (Average)

For Information Purposes Only

Tested Address: 2342 Manning Ave
Los Angeles, CA 90064

Customer: Mark Katchen
2342 Manning Ave
Los Angeles, CA 90064

Company: Phylmar Group
Phone: 310-474-3937
Fax:

Tested Location: Rooms 601 & 602
Minimum Detectable Level (pCi/L): 0.64
Testing Period: 11/1/13 12:26 pm to 11/3/13 1:50 pm

Analysis Date: 11/06/2013
Report Date: 11/08/2013

Canister	Result (pCi/L)
012-021	1.32
012-022	1.52

About your Radon-In-Air Test Results

EPA recommends the following steps if your result is 4 pCi/L or higher:

- Step 1:** Perform either another short-term or a long-term test as a follow-up test. The higher your initial short-term result, the more certain you can be that you should take a short-term rather than a long-term follow up test. If your first short-term test result is several times the action level - for example, about 10 pCi/L or higher - you should take a second short-term test immediately.
- Step 2:** If you followed up with a long-term test: Fix your home if your long-term test result is 4 pCi/L or more.
If you followed up with a short-term test: The higher your short-term results, the more certain you can be that you should fix your home. Consider fixing your home if the average of your first and second test is 4 pCi/L or higher.

If your radon results are greater than 4.0 pCi/L, or you want additional information, the California radon office can be reached at: . They can give you more information including a list of NEHA or State approved radon contractors for radon remediation. To learn more about radon and how to reduce radon in your home, RSCS recommends the U.S. Environmental Protection Agency (EPA) website: www.eap.gov/iaq/radon/pubs/

In 1999 the EPA transferred management of the Radon Proficiency Program (RPP) to the National Environmental Health



0.63 pCi/L (Average)*

For Information Purposes Only

Tested Address: 2342 Manning Ave
Los Angeles, CA 90064

Customer: Mark Katchen
2342 Manning Ave
Los Angeles, CA 90064

Company: Phylmar Group
Phone: 310-474-3937
Fax:

*Actual level is less than reported level

Tested Location: Rooms 511 & 506

Analysis Date: 11/06/2013

Mimumum Detectable Level (pCi/L): 0.63

Report Date: 11/08/2013

Testing Period: 11/1/13 12:18 pm to 11/3/13 1:44 pm

Canister	Result (pCi/L)
013-013	0.63
013-014	0.83

About your Radon-In-Air Test Results

EPA recommends the following steps if your result is 4 pCi/L or higher:

- Step 1: Perform either another short-term or a long-term test as a follow-up test. The higher your initial short-term result, the more certain you can be that you should take a short-term rather than a long-term follow up test. If your first short-term test result is several times the action level - for example, about 10 pCi/L or higher - you should take a second short-term test immediately.
- Step 2: If you followed up with a long-term test: Fix your home if your long-term test result is 4 pCi/L or more.
If you followed up with a short-term test: The higher your short-term results, the more certain you can be that you should fix your home. Consider fixing your home if the average of your first and second test is 4 pCi/L or higher.

If your radon results are greater than 4.0 pCi/L, or you want additional information, the California radon office can be reached at: . They can give you more information including a list of NEHA or State approved radon contractors for radon remediation. To learn more about radon and how to reduce radon in your home, RSCS recommends the U.S. Environmental Protection Agency (EPA) website: www.eap.gov/iaq/radon/pubs/

In 1999 the EPA transferred management of the Radon Proficiency Program (RPP) to the National Environmental Health



1.23 pCi/L (Average)

For Information Purposes Only

Tested Address: 2342 Manning Ave
Los Angeles, CA 90064

Customer: Mark Katchen
2342 Manning Ave
Los Angeles, CA 90064

Company: Phylmar Group
Phone: 310-474-3937
Fax:

Tested Location: Rooms 301 & 303
Mimumum Detectable Level (pCi/L): 0.63
Testing Period: 11/1/13 11:56 am to 11/3/13 11:35 am

Analysis Date: 11/06/2013
Report Date: 11/08/2013

Canister	Result (pCi/L)
013-019	0.81
013-020	1.64

About your Radon-In-Air Test Results

EPA recommends the following steps if your result is 4 pCi/L or higher:

- Step 1: Perform either another short-term or a long-term test as a follow-up test. The higher your initial short-term result, the more certain you can be that you should take a short-term rather than a long-term follow up test. If your first short-term test result is several times the action level - for example, about 10 pCi/L or higher - you should take a second short-term test immediately.
- Step 2: If you followed up with a long-term test: Fix your home if your long-term test result is 4 pCi/L or more.
If you followed up with a short-term test: The higher your short-term results, the more certain you can be that you should fix your home. Consider fixing your home if the average of your first and second test is 4 pCi/L or higher.

If your radon results are greater than 4.0 pCi/L, or you want additional information, the California radon office can be reached at: . They can give you more information including a list of NEHA or State approved radon contractors for radon remediation. To learn more about radon and how to reduce radon in your home, RSCS recommends the U.S. Environmental Protection Agency (EPA) website: www.eap.gov/iaq/radon/pubs/

In 1999 the EPA transferred management of the Radon Proficiency Program (RPP) to the National Environmental Health



0.61 pCi/L (Average)*

For Information Purposes Only

Tested Address: 2342 Manning Ave
Los Angeles, CA 90064

Customer: Mark Katchen
2342 Manning Ave
Los Angeles, CA 90064

Company: Phylmar Group
Phone: 310-474-3937
Fax:

*Actual level is less than reported level

Tested Location: Rooms 401 & 402

Analysis Date: 11/06/2013

Mimumum Detectable Level (pCi/L): 0.61

Report Date: 11/08/2013

Testing Period: 11/1/13 12:10 pm to 11/3/13 1:40 pm

Canister	Result (pCi/L)
013-069	0.84
013-070	0.61

About your Radon-In-Air Test Results

EPA recommends the following steps if your result is 4 pCi/L or higher:

- Step 1: Perform either another short-term or a long-term test as a follow-up test. The higher your initial short-term result, the more certain you can be that you should take a short-term rather than a long-term follow up test. If your first short-term test result is several times the action level - for example, about 10 pCi/L or higher - you should take a second short-term test immediately.
- Step 2: If you followed up with a long-term test: Fix your home if your long-term test result is 4 pCi/L or more.
If you followed up with a short-term test: The higher your short-term results, the more certain you can be that you should fix your home. Consider fixing your home if the average of your first and second text is 4 pCi/L or higher.

If your radon results are greater than 4.0 pCi/L, or you want additional information, the California radon office can be reached at: . They can give you more information including a list of NEHA or State approved radon contractors for radon remediation. To learn more about radon and how to reduce radon in your home, RSCS recommends the U.S. Environmental Protection Agency (EPA) website: www.eap.gov/iaq/radon/pubs/

In 1999 the EPA transferred management of the Radon Proficiency Program (RPP) to the National Environmental Health



1.17 pCi/L (Average)

For Information Purposes Only

Tested Address: 2342 Manning Ave
Los Angeles, CA 90064

Customer: Mark Katchen
2342 Manning Ave
Los Angeles, CA 90064

Company: Phylmar Group
Phone: 310-474-3937
Fax:

Tested Location: Rooms 1 & 8 (First Floor)
Minimum Detectable Level (pCi/L): 0.46
Testing Period: 11/1/13 11:48 am to 11/3/13 1:22 pm

Analysis Date: 11/04/2013
Report Date: 11/08/2013

Canister	Result (pCi/L)
013-033	0.88
013-034	1.47

About your Radon-In-Air Test Results

EPA recommends the following steps if your result is 4 pCi/L or higher:

- Step 1:** Perform either another short-term or a long-term test as a follow-up test. The higher your initial short-term result, the more certain you can be that you should take a short-term rather than a long-term follow up test. If your first short-term test result is several times the action level - for example, about 10 pCi/L or higher - you should take a second short-term test immediately.
- Step 2:** If you followed up with a long-term test: Fix your home if your long-term test result is 4 pCi/L or more.
If you followed up with a short-term test: The higher your short-term results, the more certain you can be that you should fix your home. Consider fixing your home if the average of your first and second test is 4 pCi/L or higher.

If your radon results are greater than 4.0 pCi/L, or you want additional information, the California radon office can be reached at: . They can give you more information including a list of NEHA or State approved radon contractors for radon remediation. To learn more about radon and how to reduce radon in your home, RSCS recommends the U.S. Environmental Protection Agency (EPA) website: www.eap.gov/iaq/radon/pubs/

In 1999 the EPA transferred management of the Radon Proficiency Program (RPP) to the National Environmental Health



1.37 pCi/L (Average)

For Information Purposes Only

Tested Address: 2342 Manning Ave
Los Angeles, CA 90064

Customer: Mark Katchen
2342 Manning Ave
Los Angeles, CA 90064

Company: Phylmar Group
Phone: 310-474-3937
Fax:

Tested Location: Library
Mimumum Detectable Level (pCi/L): 0.43
Testing Period: 11/1/13 11:36 am to 11/3/13 1:18 pm

Analysis Date: 11/04/2013
Report Date: 11/08/2013

Canister	Result (pCi/L)
013-051	1.20
013-052	1.55

About your Radon-In-Air Test Results

EPA recommends the following steps if your result is 4 pCi/L or higher:

- Step 1: Perform either another short-term or a long-term test as a follow-up test. The higher your initial short-term result, the more certain you can be that you should take a short-term rather than a long-term follow up test. If your first short-term test result is several times the action level - for example, about 10 pCi/L or higher - you should take a second short-term test immediately.
- Step 2: If you followed up with a long-term test: Fix your home if your long-term test result is 4 pCi/L or more.
If you followed up with a short-term test: The higher your short-term results, the more certain you can be that you should fix your home. Consider fixing your home if the average of your first and second text is 4 pCi/L or higher.

If your radon results are greater than 4.0 pCi/L, or you want additional information, the California radon office can be reached at: . They can give you more information including a list of NEHA or State approved radon contractors for radon remediation. To learn more about radon and how to reduce radon in your home, RSCS recommends the U.S. Environmental Protection Agency (EPA) website: www.eap.gov/iaq/radon/pubs/

In 1999 the EPA transferred management of the Radon Proficiency Program (RPP) to the National Environmental Health