Dear

Enclosed you will find our Radiological field Survey of your North Lakeland Property a total of 333 measurements were performed measurements were taken on the Basis of a one tenth mile grid, terrain permitting. The following Table is A Breakdown by Areas of this Survey. All measurements are in Micro Roentgen per hour (uR/hr) and are calibrated to a Rueter Stokes pressurized ion chamber.

Location	Exposure Rate
A	
B	
C	
D	

Normal Background for this area is approximately 4 to 7 uR/hr. Measurements exceeding this Range are indicative of elevated Soil Radium content. Measurements for this Property Ranged from 4 to 29 uR/hr. In comparing your property to previous Measurements relating outdoor gamma measurements to Indoor Radon Daughter working levels the following conclusions may be arrived at:

10517168

for Parcel A approximately 10% of the structures built on this section will exceed .02 wl, 5% will exceed .03 wl

Parcel B approximately 11% will exceed .02 wl and 6% will exceed .03 wl

Parcel C approx 10% will exceed .02 and 5% will exceed .03 wl.

Parcel D approx 10% will exceed .02 wl and 5% will exceed .03 wl

current EPA Recomendations for a guidline are .02 wl while the state of Florida Recommendations are .03 wl.

Built on Reclaimed Phosphate lands

these approximations should be valid for Slab on Grade Single family Structures and are based on a mean gamma Survey average for this type of Structure. these percentages could be reduced significantly by (1) Avoiding building in the areas that have higher gamma Exposure rates (2) using a type of Construction that inhibits the passage of Radon gas into the living area of the structure (3) or by incorporating into the home a device that either dilutes or reduces the amount of Radon Gas.

I have enclosed an EPA Publication

that will be of Help to you as a Reference concerning this matter. I will be available for any questions that you may have pertaining to your Property and would like to express that If we may help you any further in this matter please donot hesitate to Call on us.

Sincerely

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North of I-4 AT SR 33

PIC

122	67	104	56
16 wR/hr	7 wR/hr	4 wR/hr	6 wR/hr
10	[redacted]		6
4			5
4			7
12			6
18			14
4			6
4			6 56
13	[redacted]		
16	5	9	
16	5	13	
5	4	11	
122	67	104	

44 Readings

3.49

mean	SD (N-1)	Range
7.93 wR/hr	4.04	4 TO 18 wR/hr

South of I4 & SR 33

5 wR/hr	5 wr hr	5 wr/hr	5 wr hr	8	8	8
5	5	5	8	8	5	12
5	5	5	5	6	9	12
5	9	5	9	8	5	12
5	[redacted]	5	8	8	14	5
5		5	12	9	12	6
5		5	12	12	8	6
5		11	29	8	17	8
5		[illegible]	10	10	12	17
5		[illegible]	9	6	15	8
9		7	10	7	9	10
6	[redacted]		8 (25)	(90)	(191)	(104)

82

$\bar{X} \rightarrow 8.64$ wR/hr SD (N-1) $\rightarrow 6.49$ 4 TO 29 wR/hr

Lk Parker / Old Comtree Rd

5 wR/hr	7	4	4	4	12	8	4	8	7	5	9	8	5
5	5	4	[redacted]					13	21	5	5	9	8
5	8	5						7	5	9	8	11	13
4	12	5						13	5	5	12	15	7
4	16	5						7	7	8	14	10	10
4	19	5						6	16	7	7	12	8
10	6	5						14	14	16	8	8	8
8	7	7						14	17	8	21	9	9
5	4	5						18	16	8	21	16	13
6	5	5	[redacted]					18	5	5	5	8	8

7 wR/hr	6	14	10	11	6	9	8	6	5
5	5	12	8	8	7	10	10	6	13
12	10	11	7	8	7	8	6	5	

$\bar{X} = 8.49$ $SD_{(N-1)} = 3.92$ Range 4 to 21

Island Part of Lk Parker / Old Comtree

4 wR/hr	5	13	7
4	10	5	27
4	13	6	13
4	7	8	8
5	13	5	29
7	12	9	9
5	5	6	9
4	8	14	7
4	5	10	8
8	7	4	

[redacted]

$\bar{X}$ 8.49 wR/hr $SD_{(N-1)}$ 5.49 wR/hr Range 4 to 29

EXPOSURE Rates uR/hr

Location	Mean	SD N-1	Range
(A) ot I-4 on SR 33	7.93 (44 reading)	4.04	4 to 18
(B) ot I-4 on SR 33	8.64 (81 reading)	6.49	4 to 29
(C) Parker/old Combee/Lk Parker Dr	8.49 (169 Reading)	3.92	4 to 21
(D) Island on Lk Parker	8.49 39 reading	5.49	4 to 29

TOTAL = 333 Reading