

NATIONAL RADON DATABASE  
DOCUMENTATION

Volume 3

The EPA/State Residential  
Radon Surveys: Year 3

Submitted by:

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under

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# Record Layout for State Residential Radon Surveys

| <u>Variable</u> | <u>Position</u> | <u>Type</u> | <u>Length</u> | <u>Description</u>  |
|-----------------|-----------------|-------------|---------------|---|
| STATE           | 1-2             | A           | 2             | State Postal Abbreviation<br>(R5, R6, R7, RB, RC, RN are Indian Nations)  |
| STATE2          | 3-4             | A           | 2             | State Postal Abbreviation for Indian Land Surveys<br>(STATE = STATE2 for all other records)   |
| STFIPS          | 5-6             | N           | 2             | State FIPS Code   |
| ZIP             | 7-11            | A           | 5             | Zip Code  |
| REGION          | 12-13           | N           | 2             | Analysis Region Code  |
| TYPEBLDG        | 14              | N           | 1             | Type of Building<br>0 = unknown<br>1 = single family<br>2 = multi-family<br>3 = business<br>4 = school<br>5 = other                                     |
| FLOOR           | 15              | N           | 1             | Floor Level<br>0 = basement<br>1 = first floor<br>2 = second floor or above<br>9 = unknown  |
| ROOM            | 16              | N           | 1             | Type of Room<br>0 = unknown<br>1 = bedroom<br>2 = family room<br>3 = living room<br>4 = unfinished basement<br>5 = office<br>6 = classroom<br>7 = other |

# Record Layout for State Residential Radon Surveys - continued

| <u>Variable</u> | <u>Position</u> | <u>Type</u> | <u>Length</u> | <u>Description</u>   |
|-----------------|-----------------|-------------|---------------|--|
| BASEMENT        | 17              | A           | 1             | Is There a Basement in the Building?<br>blank = unknown<br>Y = Yes<br>N = No                         |
| WINDOOR         | 18              | A           | 1             | House Closed or Open During Test<br>blank = unknown<br>O = Open<br>C = Closed                        |
| REP             | 19-20           | N           | 2             | Replicate Number   |
| STRATUM         | 21-22           | N           | 2             | Stratum Number   |
| WAVE            | 23-25           | N           | 3             | Wave Number  |
| STARTTM         | 26-29           | N           | 4             | Start Time of Test (HHMM)  |
| STOPTM          | 30-33           | N           | 4             | Stop Time of Test (HHMM)   |
| STARTDT         | 34-39           | N           | 6             | Start Date of Test (MMDDYY)  |
| STOPDT          | 40-45           | N           | 6             | Stop Date of Test (MMDDYY)   |
| ACTIVITY        | 46-53           | N           | 8.1           | Activity (pCi/L)   |
| PCTERR          | 54-61           | N           | 8.1           | Percent Error (2-sigma)  |
| ADJWT           | 62-74           | N           | 13.6          | Analysis Weight  |
| DUPFLAG         | 75              | N           | 1             | Duplicate Flag<br>0 = activity from single canister<br>1 = average activity from duplicate canisters |
| ZIPFLAG         | 76              | N           | 1             | Flag for Zip Code (ZIP)<br>0 = believed accurate<br>1 = questionable                                 |

Record Layout for State Residential Radon Surveys - continued

| <u>Variable</u> | <u>Position</u> | <u>Type</u> | <u>Length</u> | <u>Description</u> |
|-----------------|-----------------|-------------|---------------|--------------------|
| CNTYFIPS        | 77-79           | N           | 3             | County FIPS Code   |
| COUNTY          | 80-99           | A           | 20            | County Name        |