



Mankato Area Public Schools 2021 Short-Term Radon Testing Results

In January of 2021, the buildings listed in the table below were tested for radon. Radon is a naturally occurring colorless and odorless gas that can enter school buildings from the underlying soil and build up to levels that are unsafe. Pursuant to Minnesota State Statute 123B.571, school districts may do routine radon testing a minimum of every five years and after major HVAC renovation work.

Below are the results of the radon testing that was conducted in 2021. The U.S. Environmental Protection Agency (EPA) recommends additional investigation when a space measures 4.0 picocuries per liter (pCi/L) or higher. As a result, in March 2021 continuous radon monitoring (CRM) was conducted at Franklin Elementary, Futures and Jefferson Elementary to determine the level of radon exposure during occupancy. All rooms tested below 4.0 pCi/L during occupied hours. No additional action is necessary at this time.

| Short-Term Test - January 15, 2021 to January 18, 2021 | | Passing Sample | Passing Sample | Passing Sample | Samples Requiring Follow-up Testing | Follow-up Testing Results - Occupied Radon Level |
|--|------------------|-------------------|-------------------|-------------------|--|--|
| Building Name | Total Samples | 0.0-1.9 pCi/L | 2.0-2.9 pCi/L | 3.0-3.9 pCi/L | ≥ 4 pCi/L | 3 day continuous sampling |
| Early Childhood Center | 19 | 19 | 0 | 0 | 0 | |
| Family Learning Center | 12 | 10 | 2 | 0 | 0 | |
| Franklin Elementary | 47 | 38 | 5 | 1 | 3 | 3.0-3.6 |
| Futures | 44 | 31 | 10 | 2 | 1 | 2.9 |
| Jefferson Elementary | 19 | 18 | 0 | 0 | 1 | 1.3 |
| Northport Warehouse | 13 | 13 | 0 | 0 | 0 | |