



## WATER CONTAMINANTS IN MOSCOW, IDAHO

| CONTAMINANT                    | THIS UTILITY | EWG'S GUIDELINES | LEGAL LIMIT    | POTENTIAL HARM          | POSSIBLE SOURCE             |
|--------------------------------|--------------|------------------|----------------|-------------------------|-----------------------------|
| Radium, combined (-226 & -228) | 0.51 pCi/L   | 0.05 pCi/L       | 5 pCi/L        | cancer                  | erosion of natural deposits |
| Total trihalomethanes (TTHMs)  | 1.52 ppb     | 0.15 ppb         | 80 ppb         | cancer                  | disinfectant byproduct      |
| Barium                         | 82.2 ppb     | 700 ppb          | 2,000 ppb      | gastrointestinal issues | erosion of natural deposits |
| Chromium (hexavalent)          | 0.002 ppb    | 0.02 ppb         | NO LEGAL LIMIT | cancer                  | erosion of natural deposits |
| Chromium (total)               | 0.0448 ppb   | NO GUIDELINE     | 100 ppb        | reproductive harm       | erosion of natural deposits |
| Cobalt                         | 1.86 ppb     | 70ppb            | NO LEGAL LIMIT | gastrointestinal issues | groundwater                 |
| Fluoride                       | 0.793 ppm    | NO GUIDELINE     | 4 ppm          | skeletal system harm    | groundwater                 |
| Germanium                      | 0.249 ppb    | NO GUIDELINE     | NO LEGAL LIMIT | kidney damage           | erosion of natural deposits |
| Haloacetic acids (HAA5)        | 0.105 ppb    | 0.1 ppb          | 60 ppb         | cancer                  | disinfectant byproduct      |
| Haloacetic acids (HAA9)        | 0.111 ppb    | 0.06 ppb         | NO LEGAL LIMIT | cancer                  | disinfectant byproduct      |
| Manganese                      | 54.8 ppb     | 100 ppb          | NO LEGAL LIMIT | nervous system damage   | groundwater                 |
| Strontium                      | 0.355 ppb    | 1,500 ppb        | NO LEGAL LIMIT | skeletal defects        | groundwater                 |