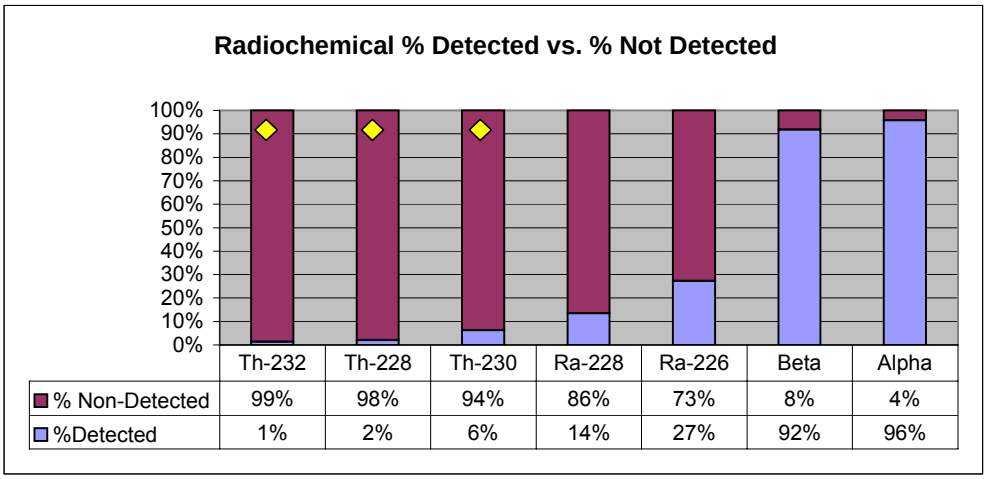
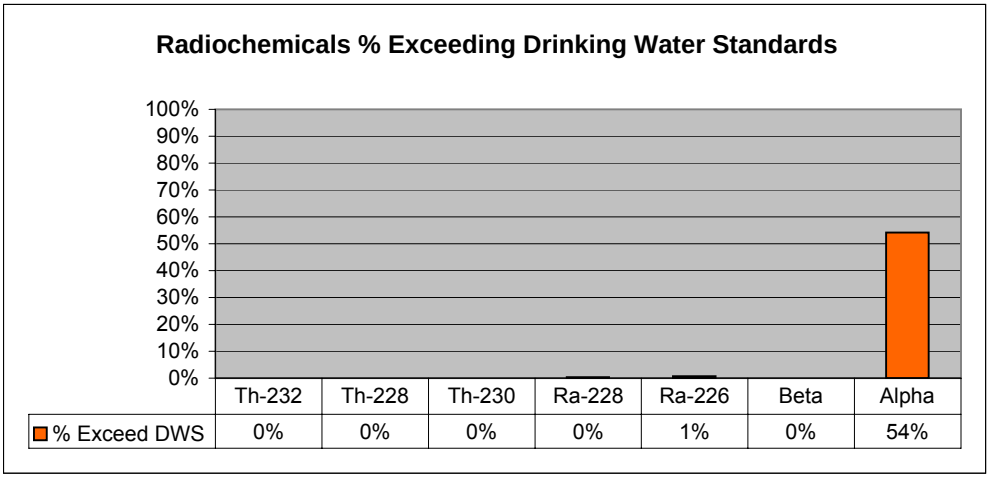
# Parameter Reduction Chart I-3 Radiochemicals

| | Th-232 | Th-228 | Th-230 | Ra-228 | Ra-226 | Beta | Alpha |
|---|---|---|---|---|---|---|---|
| **Primary DW Std** | | | | **5** | **5** | | **15** |
| **Secondary DW Std** | | | | | | | |
| Number of Results | 538 | 492 | 537 | 539 | 538 | 540 | 539 |
| Number Detected | 7 | 10 | 34 | 73 | 147 | 496 | 516 |
| %Detected | 1% | 2% | 6% | 14% | 27% | 92% | 96% |
| Number Non-Detected | 531 | 482 | 503 | 466 | 391 | 44 | 23 |
| % Non-Detected | 99% | 98% | 94% | 86% | 73% | 8% | 4% |
| Number Exceed DWS | na | na | na | 2 | 4 | na | 292 |
| % Exceed DWS | na | na | na | 0% | 1% | na | 54% |




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Primary DW Std** | | | | **5** | **5** | | **15** |
| **Secondary DW Std** | | | | | | | |
| Number Exceed DWS | na | na | na | 2 | 4 | na | 292 |
| % Exceed DWS | na | na | na | 0% | 1% | na | 54% |

Explanation:

◇ Parameter Censuring Criterion 1: Parameters that have a frequency of detection ≤ 10%
Applicable Parameters: Thorium-232, Thorium-228, and Thorium-230.

◆ Parameter Censuring Criterion 3: Parameters that have frequency of detection >10% that are not typical "indicator parameters" associated with constituents related to copper ore processing.
Applicable Parameters: none