

Nuclides Analysis Result of the Sub-drain Water in the Surroundings of the Central Radioactive Waste Treatment Facility

I-131(Bq/cm³)

| Sampling Location | After transfer | | | | | | | | | | | | | | |
|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| | Mar 31 | Apr 1 | Apr 2 | Apr 3 | Apr 4 | Apr 5 | Apr 6 | Apr 7 | Apr 8 | Apr 9 | Apr 10 | Apr 11 | Apr 12 | Apr 13 | Apr 14 |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | - | ND | - | - | - | - | - | - | ND | - | - | - | - | - | - |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

Cs-134(Bq/cm³)

| Sampling Location | | | | | | | | | | | | | | | |
|-------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| | Mar 31 | Apr 1 | Apr 2 | Apr 3 | Apr 4 | Apr 5 | Apr 6 | Apr 7 | Apr 8 | Apr 9 | Apr 10 | Apr 11 | Apr 12 | Apr 13 | Apr 14 |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | - | ND | - | - | - | - | - | - | ND | - | - | - | - | - | - |
| | 0.11 | 0.11 | 0.1 | 0.052 | 0.096 | 0.075 | 0.099 | 0.059 | 0.12 | 0.081 | 0.079 | 0.061 | 0.086 | 0.098 | 0.08 |
| | ND | ND | ND | ND | 0.019 | ND | ND | 0.032 | 0.031 | 0.018 | 0.018 | ND | ND | ND | ND |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

Cs-137(Bq/cm³)

| Sampling Location | | | | | | | | | | | | | | | |
|-------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| | Mar 31 | Apr 1 | Apr 2 | Apr 3 | Apr 4 | Apr 5 | Apr 6 | Apr 7 | Apr 8 | Apr 9 | Apr 10 | Apr 11 | Apr 12 | Apr 13 | Apr 14 |
| | ND | ND | ND | ND | ND | ND | ND | 0.03 | ND | ND | ND | ND | ND | ND | ND |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | - | ND | - | - | - | - | - | - | ND | - | - | - | - | - | - |
| | 0.22 | 0.2 | 0.2 | 0.089 | 0.2 | 0.16 | 0.21 | 0.15 | 0.28 | 0.16 | 0.17 | 0.13 | 0.17 | 0.19 | 0.15 |
| | ND | ND | ND | ND | 0.045 | ND | ND | 0.081 | 0.064 | 0.031 | 0.038 | 0.032 | 0.027 | 0.029 | ND |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

- * Hyphen "-" indicates that neither sampling nor measurement was implemented.
- * was selected as a sampling location in the upstream of groundwater (sampling done once a week starting from April 29, 2011) since it became unable to do sampling at .
- * Sampling at (located in the downstream of the groundwater) has been done since May 26, 2011.
- * Sampling at since May 30, 2011
- * Sampling at has been done since August 2, 2011
- * "ND" indicates that the measurement result is below the detection limit.

I-131: Approx. 0.01Bq/cm³, Cs-134: Approx.0.02Bq/cm³, Cs-137: Approx.0.02Bq/cm³ (April 14, 2013)

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

- <Place of Sampling>
- Southeast of Unit 4 Turbine Building
 - Northeast of the Process Main Building
 - Southeast of the Process Main Building
 - Southwest of the Process Main Building
 - South Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building
 - Southwest Part of the On-site Bunker Building
 - West Side of the Incineration Workshop Building
 - North Part of the Miscellaneous Solid Waste Volume Reduction Treatment Building
 - Southeast Part of the On-site Bunker Building