

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 | | | | | | | | | | | | | | | | | | | |
|-------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | Aug 12 | Aug 13 | Aug 14 | Aug 15 | Aug 16 | Aug 17 | Aug 18 | Aug 19 | Aug 20 | Aug 21 | Aug 22 | Aug 23 | Aug 24 | Aug 25 | Aug 26 | Aug 27 | Aug 28 | Aug 29 | Aug 30 | Aug 31 |
| | 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 | 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 | Aug 12 | Aug 13 | Aug 14 | Aug 15 | Aug 16 | Aug 17 | Aug 18 | Aug 19 | Aug 20 | Aug 21 | Aug 22 | Aug 23 | Aug 24 | Aug 25 | Aug 26 | Aug 27 | Aug 28 | Aug 29 | Aug 30 | Aug 31 |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | ND | 0.022 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.023 | 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 | - | - | - | - |
| | 0.13 | 0.13 | 0.13 | 0.13 | 0.13 | 0.12 | 0.1 | 0.12 | 0.11 | 0.14 | 0.11 | 0.13 | 0.12 | 0.057 | 0.12 | 0.12 | 0.13 | 0.16 | 0.15 | 0.14 |
| | 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 |

Cs-137(Bq/cm³)

| Sampling Location | Aug 12 | Aug 13 | Aug 14 | Aug 15 | Aug 16 | Aug 17 | Aug 18 | Aug 19 | Aug 20 | Aug 21 | Aug 22 | Aug 23 | Aug 24 | Aug 25 | Aug 26 | Aug 27 | Aug 28 | Aug 29 | Aug 30 | Aug 31 |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | ND | 0.038 | ND | 0.028 | ND | 0.033 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.043 | 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 | - | - | - | - |
| | 0.21 | 0.21 | 0.18 | 0.21 | 0.18 | 0.19 | 0.19 | 0.21 | 0.19 | 0.21 | 0.19 | 0.2 | 0.19 | 0.075 | 0.23 | 0.21 | 0.23 | 0.26 | 0.22 | 0.23 |
| | ND | ND | 0.032 | 0.026 | ND | ND | ND | 0.028 | 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 |

* 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 (August 31, 2012)

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 |