

Sampling Results Regarding the Discharge of Groundwater Bypass at Fukushima Daiichi Nuclear Power Station (Around South Water Outlet)

<Reference>
June 4, 2014
Tokyo Electric Power Company

Revised Version

Unit: Bq/L

| Seawater of the south water outlet ^{Note} (near the drainage channel exit) (T-2) | | | |
|---|------------------|------------------|---------------------------|
| Sampling date | Jun 2, 2014 | | |
| State | Before discharge | During discharge | Immediate after discharge |
| Sampling time | 9:55 AM* | 11:35 AM | 2:35 PM |
| Cesium 134 | ND(0.55) | ND(0.88) | ND(0.70) |
| Cesium 137 | ND(0.58) | ND(0.64) | ND(0.64) |
| Gross β | 12 | 12 | 11 |
| Tritium | ND(1.6) | 3.6 | ND(1.6) |

Note: Approx. 330m south from Unit 1-4 water outlet (T-2)

* "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

(*) The sampling time was corrected on June 9, 2014.

(Reference) Analysis results of temporary storage tanks for groundwater bypass at Fukushima Daiichi Nuclear Power Station*

Unit: Bq/L

| | Gr2 (Group 2) | | Operational targets | Notification limit ^{*1} | WHO guidelines for drinking-water quality |
|--|---------------|--------------------------|----------------------------------|----------------------------------|---|
| | TEPCO | Third party organization | | | |
| Sampling date | May 22, 2014 | May 22, 2014 | | | |
| Sampling time | 2:10 PM | 2:10 PM | | | |
| The volume of water in storage [m ³] | 1,370 | 1,370 | | | |
| Cesium 134 | ND(0.67) | ND(0.71) | 1 | 60 | 10 |
| Cesium 137 | ND(0.64) | ND(0.65) | 1 | 90 | 10 |
| Other Gamma Nuclide | Not detected | Not detected | Not to be detected ^{*2} | | |
| Gross β | ND(0.87) | ND(0.53) | 5(1) (Note) | | |
| Tritium | 200 | 210 | 1500 | 60,000 | 10,000 |

* The results were previously announced on May 30.

* Third party: Japan Chemical Analysis Center

* "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

(Note) The detection limit value for Grossβ of operational targets are defined as "Less than 1 Bq/L", when sampled approx. once per 10 days.

*1 Notified Concentration Limit Values: Specified in the rules for the safety and maintenance of nuclear reactor

facilities and the protection of specialized nuclear fuel materials in TEPCO Fukushima Daiichi Nuclear Power Station.

*2 Other gamma nuclides (except naturally-occurring nuclides) must not be detected during the analysis Cs-134 and Cs-137.

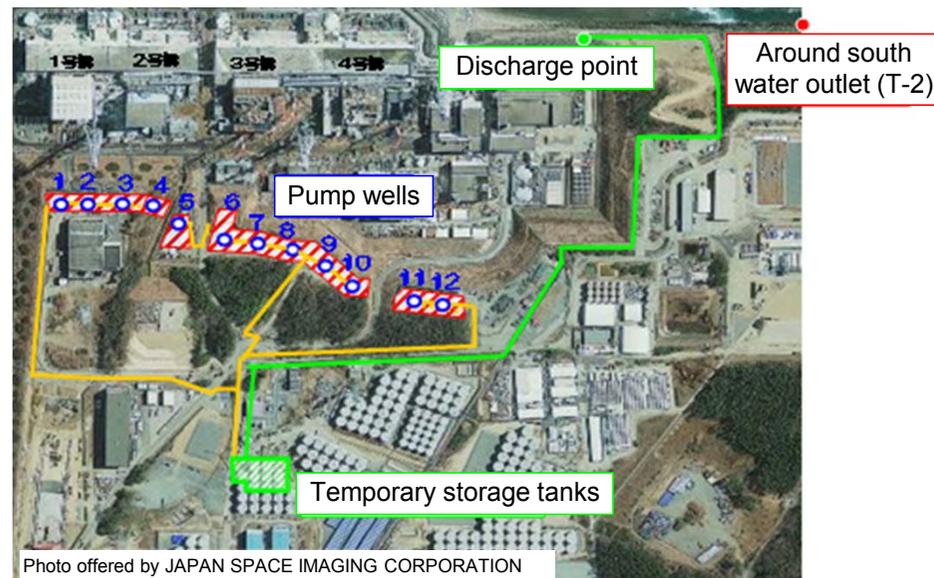


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