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

Unit: Bq/L

|               | Seawater of the south water outlet  Note (near the drainage channel exit)  (T-2) |  |  |
|---------------|--|--|--|
| Sampling date | Jun 20, 2014   |  |  |
| State         | During discharge   |  |  |
| Sampling time | 11:20 AM   |  |  |
| Cesium 134    | ND(0.77)   |  |  |
| Cesium 137    | m 137 ND(0.62)   |  |  |
| Gross β       | Gross β 10   |  |  |
| Tritium       | ND(1.6)  |  |  |

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

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

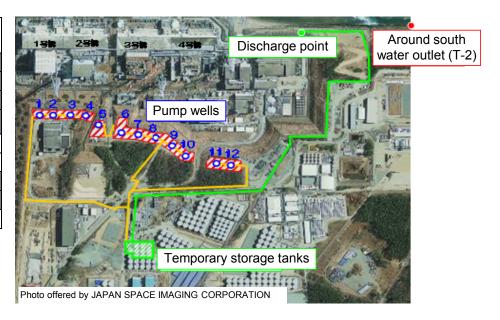
Unit: Ba/L

|                                     | Gr2 (Group 2) |                          | Operatinal targets   | *1<br>Notification limit | WHO guidelines for drinking-water quality |  |
|-------------------------------------|---------------|--------------------------|----------------------|--------------------------|---|--|
|                                     | TEPCO         | Third party organization |                      |                          |   |  |
| Sampling date                       | Jun 9, 2014   | Jun 9, 2014              |                      |                          |   |  |
| Sampling time                       | 1:37 PM       | 1:37 PM                  |                      |                          |   |  |
| The volume of water in storage [m³] | 2,320         | 2,320                    |                      |                          |   |  |
| Cesium 134                          | ND(0.40)      | ND(0.75)                 | 1                    | 60                       | 10  |  |
| Cesium 137                          | ND(0.58)      | ND(0.62)                 | 1                    | 90                       | 10  |  |
| Other Gamma Nuclide                 | Not detected  | Not detected             | Not to be detected*2 |                          |   |  |
| Gross β                             | ND(0.91)      | ND(0.58)                 | 5(1) (Note)          |                          |   |  |
| Tritium                             | 120           | 130                      | 1500                 | 60,000                   | 10,000                                    |  |

<sup>\*</sup> The results were previously announced on June 19.

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

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



<sup>\* &</sup>quot;ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

<sup>\*</sup> Third party: Japan Chemical Analysis Center

<sup>\* &</sup>quot;ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

<sup>\*1</sup> Notified Concentration Limit Values: Specified in the rules for the safety and maintenance of nuclear reactor

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