<Reference>

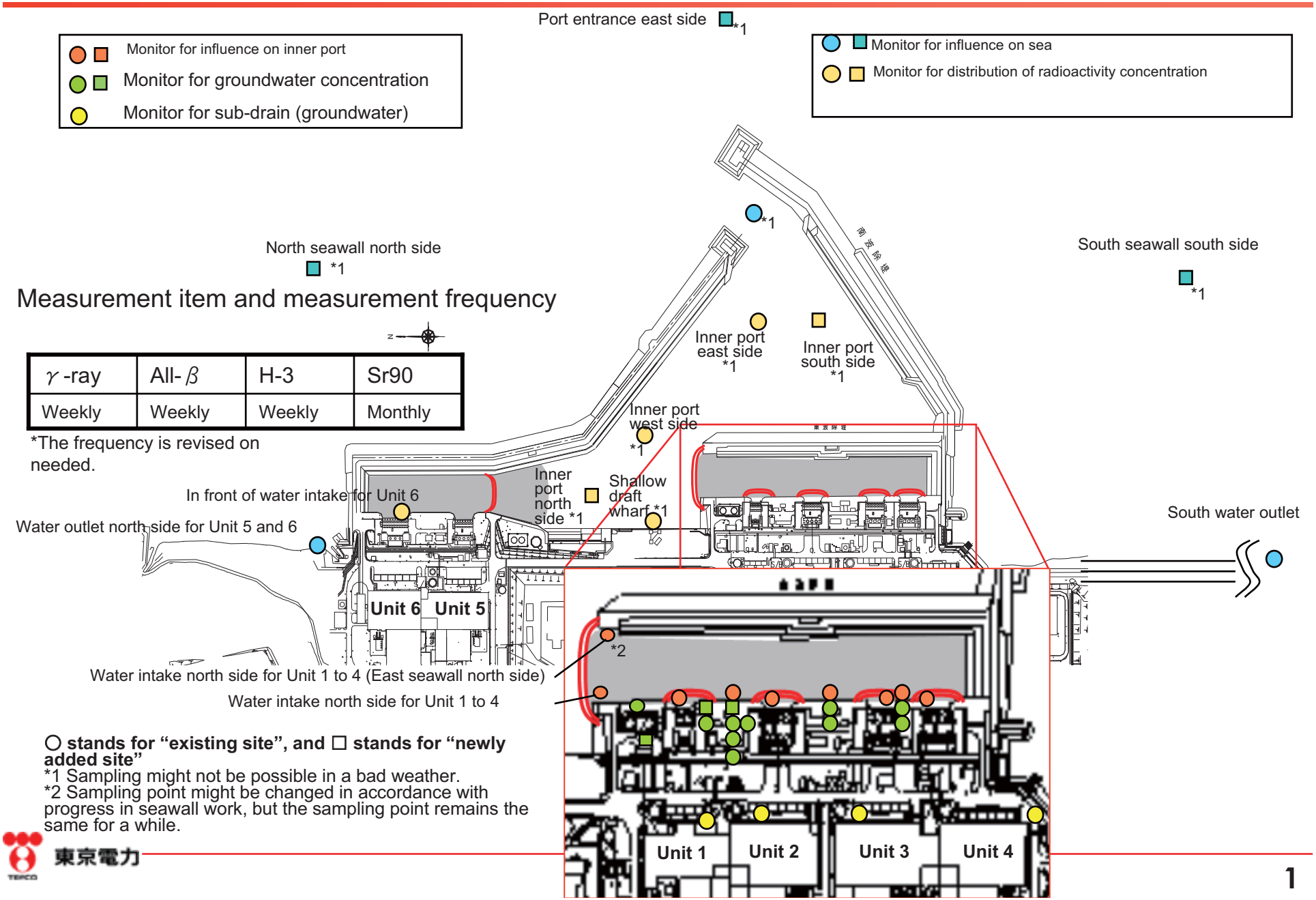
# The Radioactive Material Concentration in the Ground- and Seawater on the East of the Turbine Building

**October 4, 2013**

Tokyo Electric Power Company

東京電力
TEPCO

# Monitor plan（Sampling site）




## Measurement item and measurement frequency

| γ-ray | All-β | H-3 | Sr90 |
|---|---|---|---|
| Weekly | Weekly | Weekly | Monthly |

*The frequency is revised on needed.

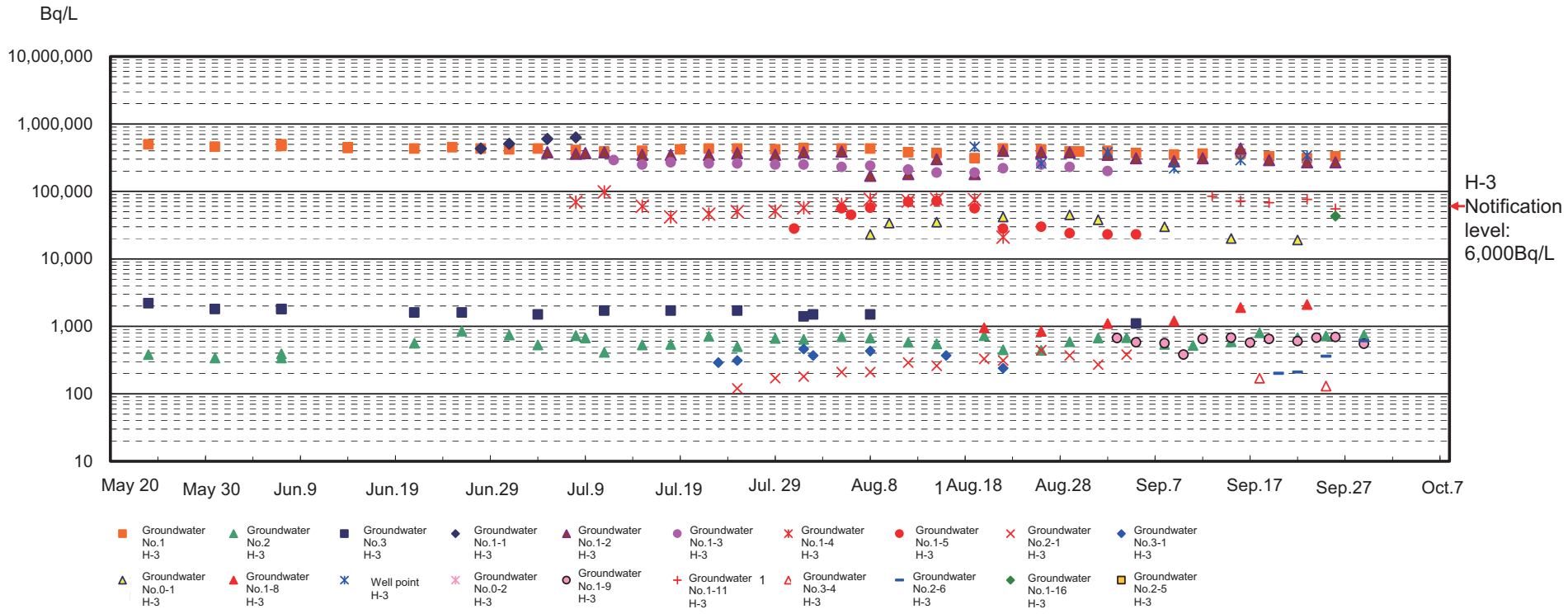
**○ stands for "existing site", and □ stands for "newly added site"**

*1 Sampling might not be possible in a bad weather.

*2 Sampling point might be changed in accordance with progress in seawall work, but the sampling point remains the same for a while.

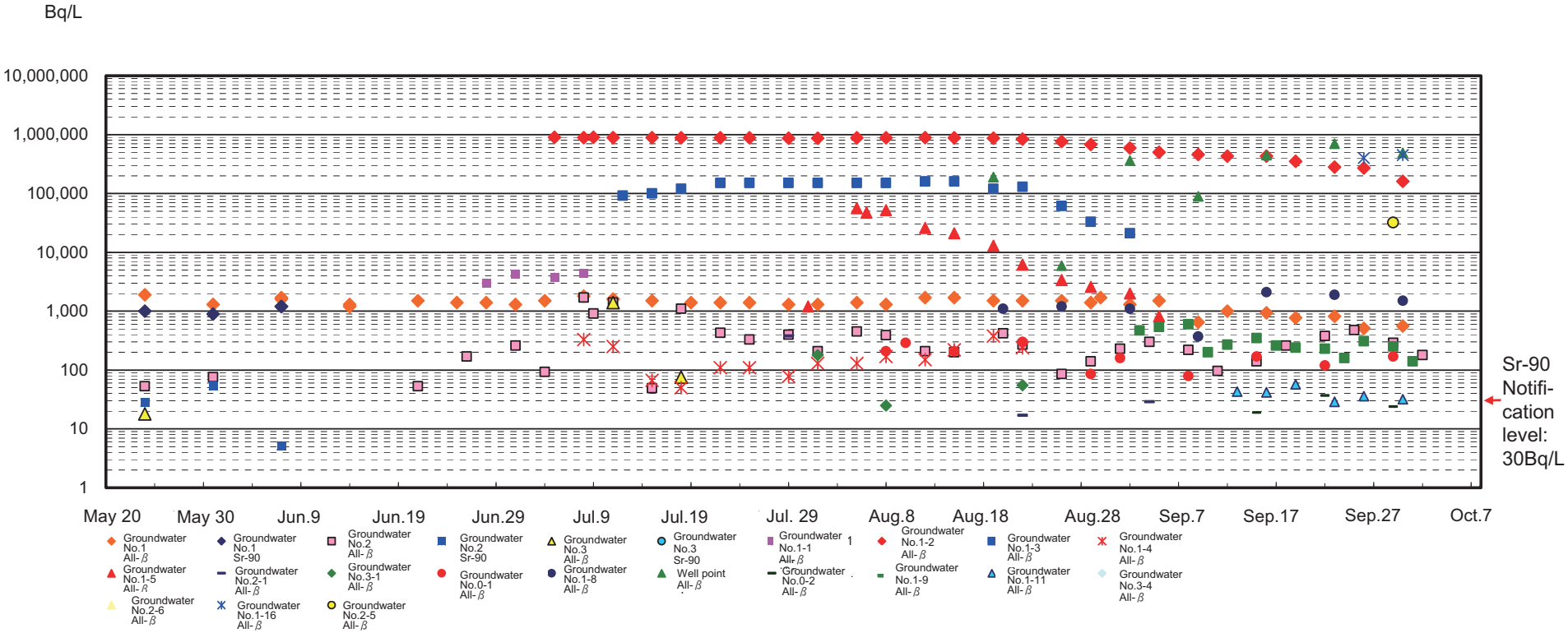
# Transition of tritium concentration in groundwater

As of October 3, 2013



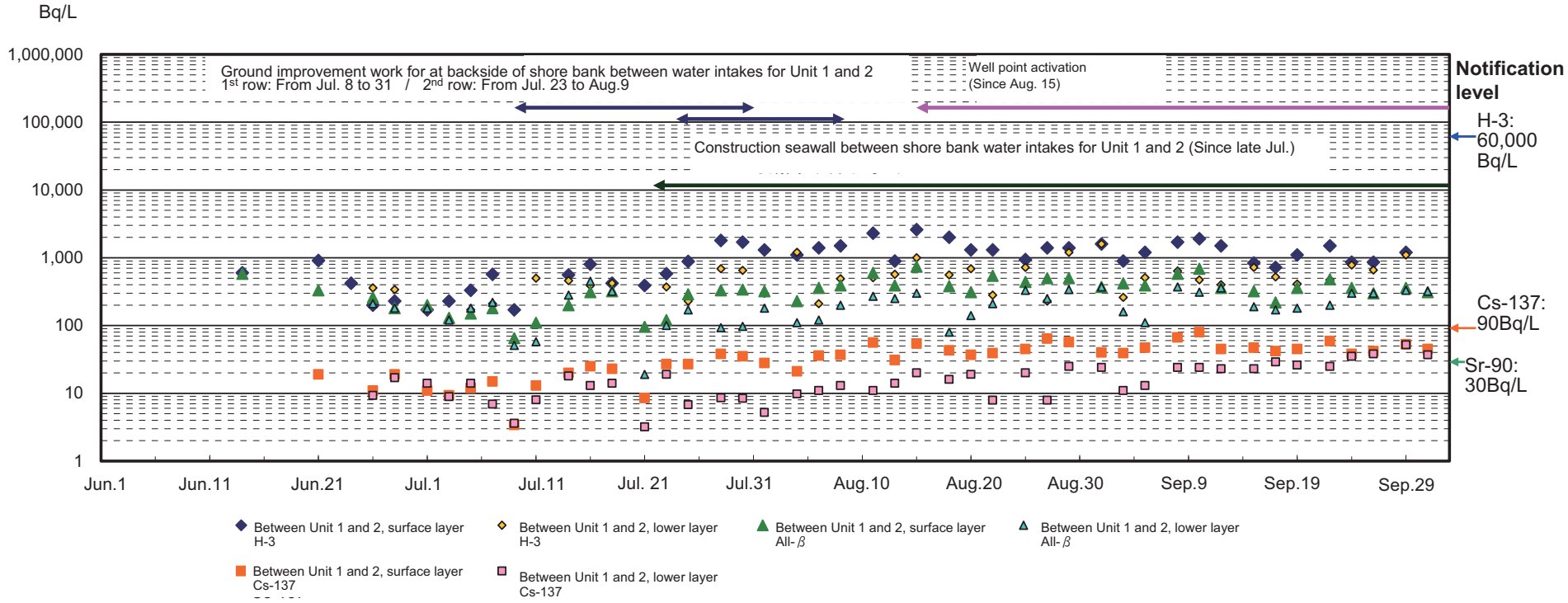
# Transition of all-β and strontium concentration in groundwater

As of October 3, 2013



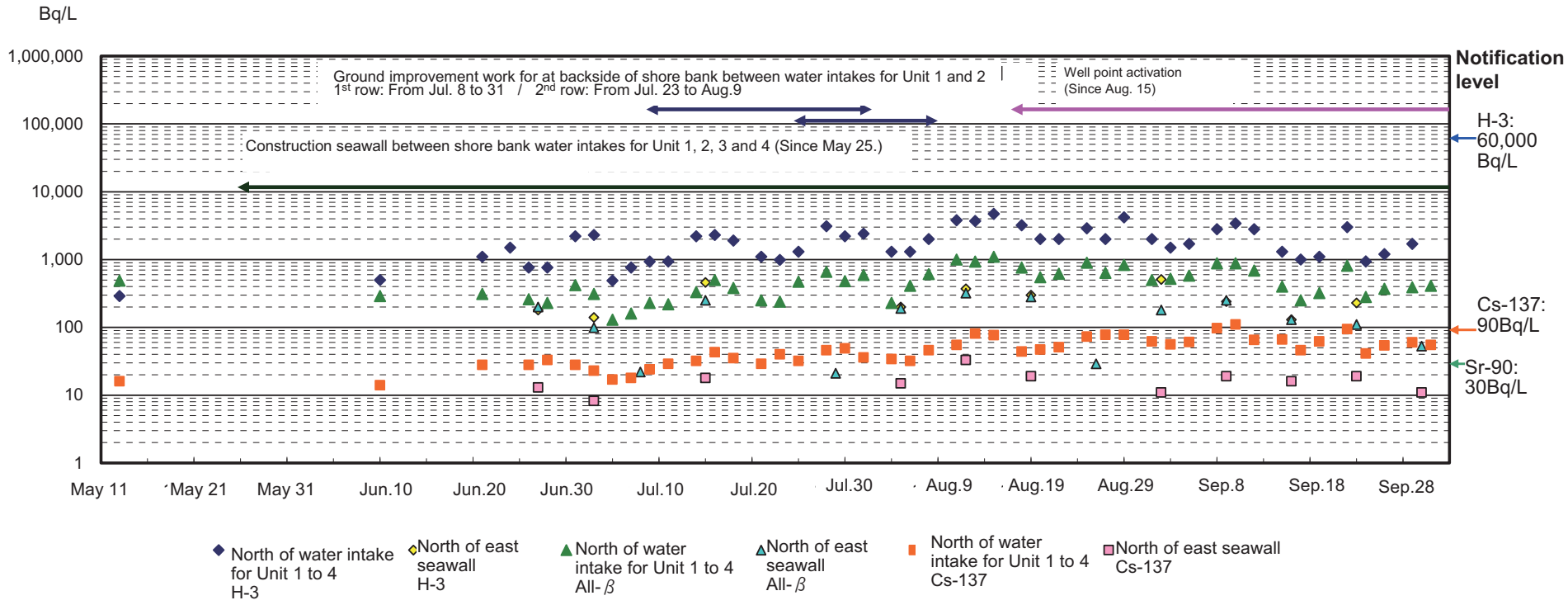
# Transition of seawater concentration between the water intake for Unit 1 and 2

As of October 3, 2013

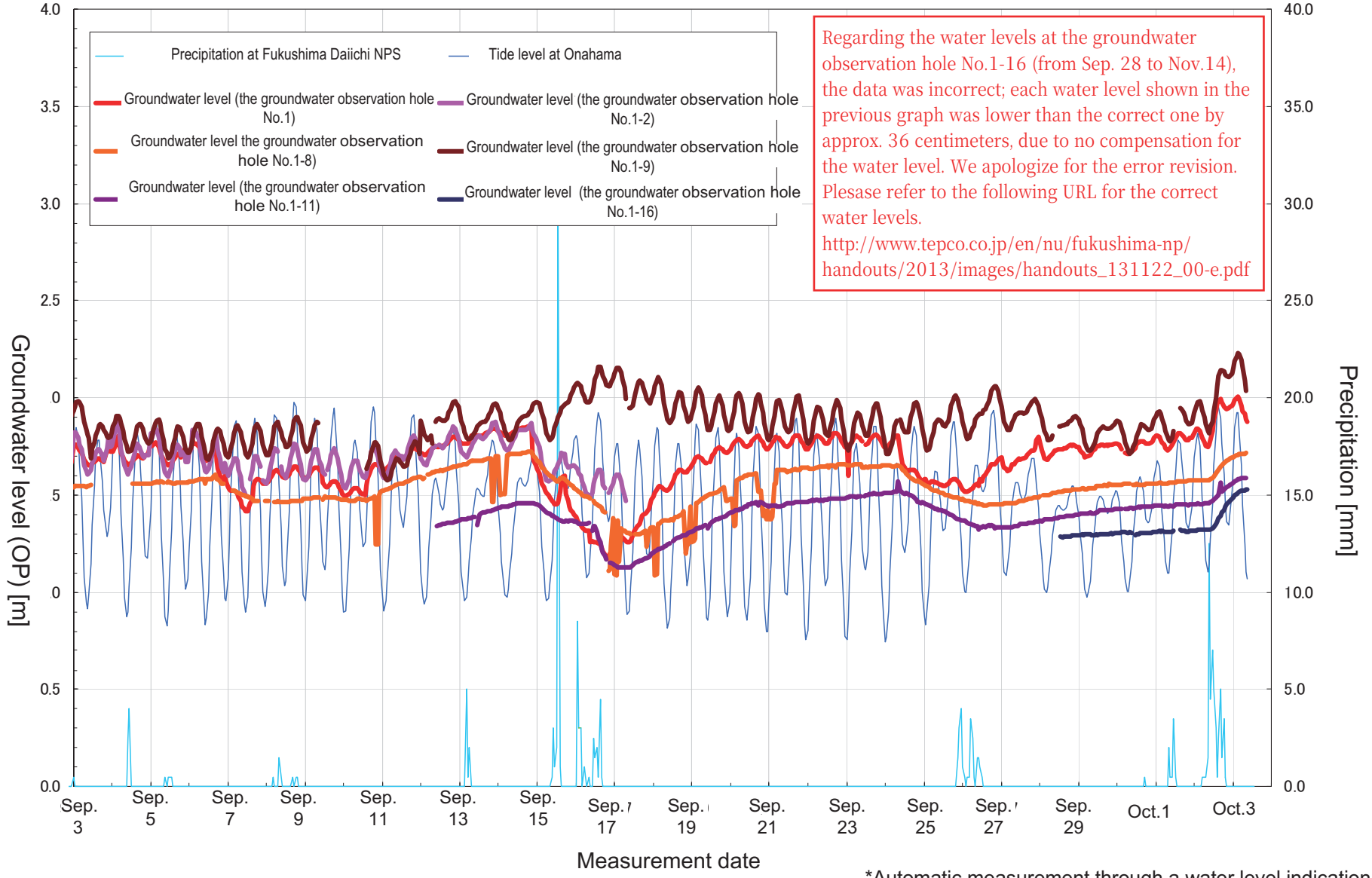


# Transition of seawater concentration on the north of water intake for Unit 1 to 4, and east seawall

As of October 3, 2013

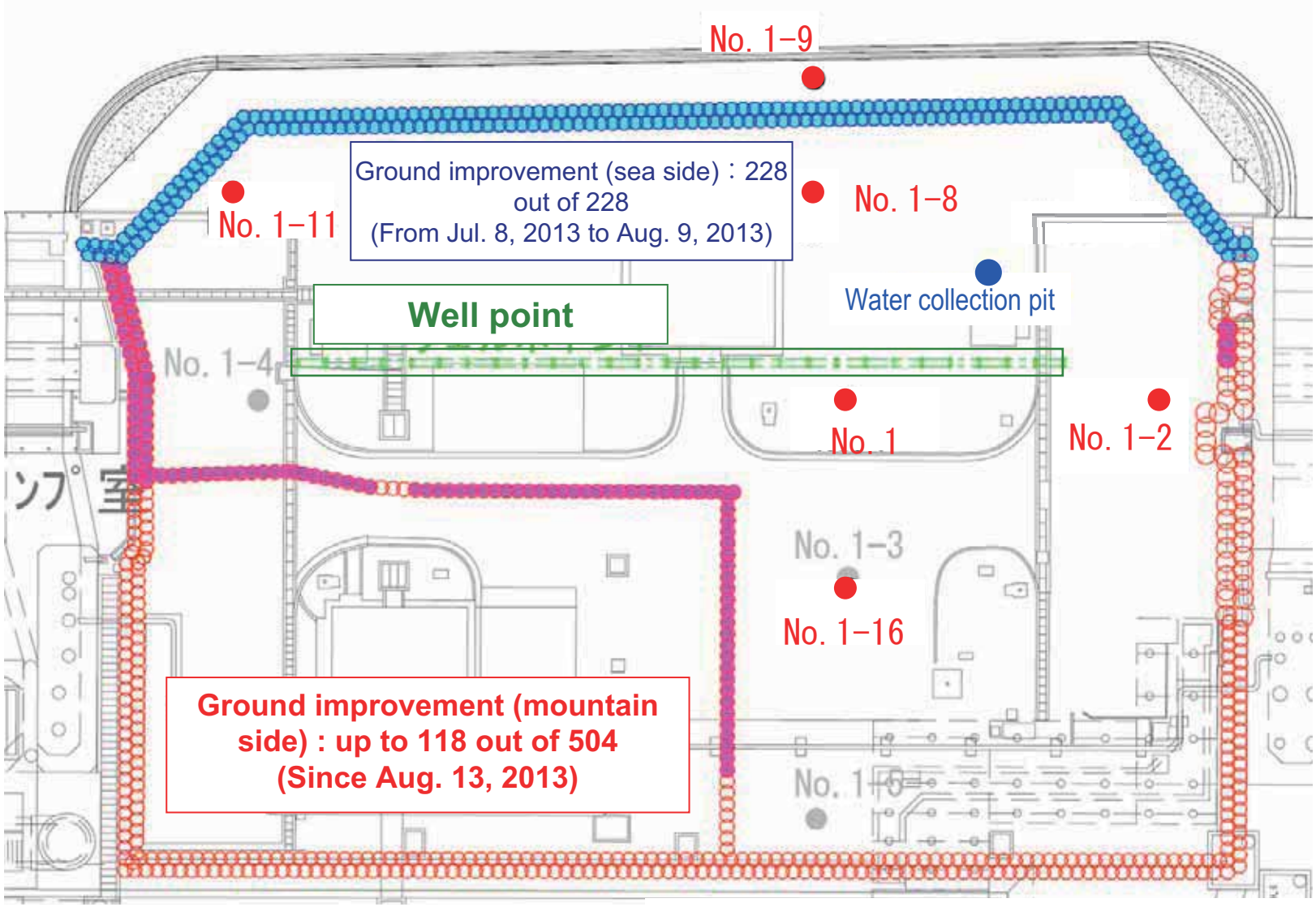


# Movement in groundwater level (Between Unit 1 and 2: From Sep. 3 to Oct. 3)



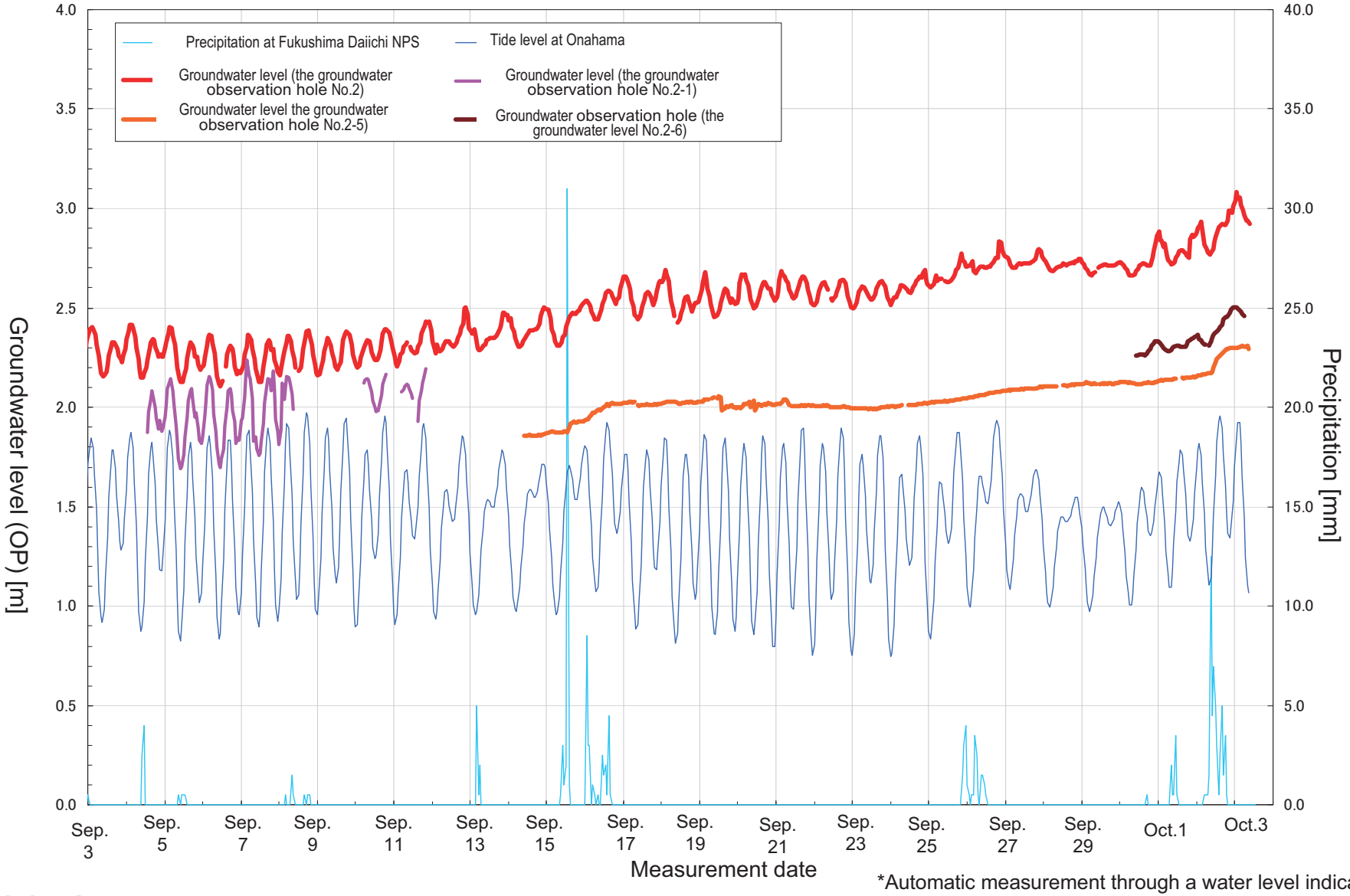

*Automatic measurement through a water level indication

# Progress in the ground improvement work between Unit 1 and 2 (As of in the morning on October 2)




* The work area is subject to change due to the on-site situation.

# Movement in groundwater level (Between Unit 2 and 3: From Sep. 3 to Oct. 3)




*Automatic measurement through a water level indication

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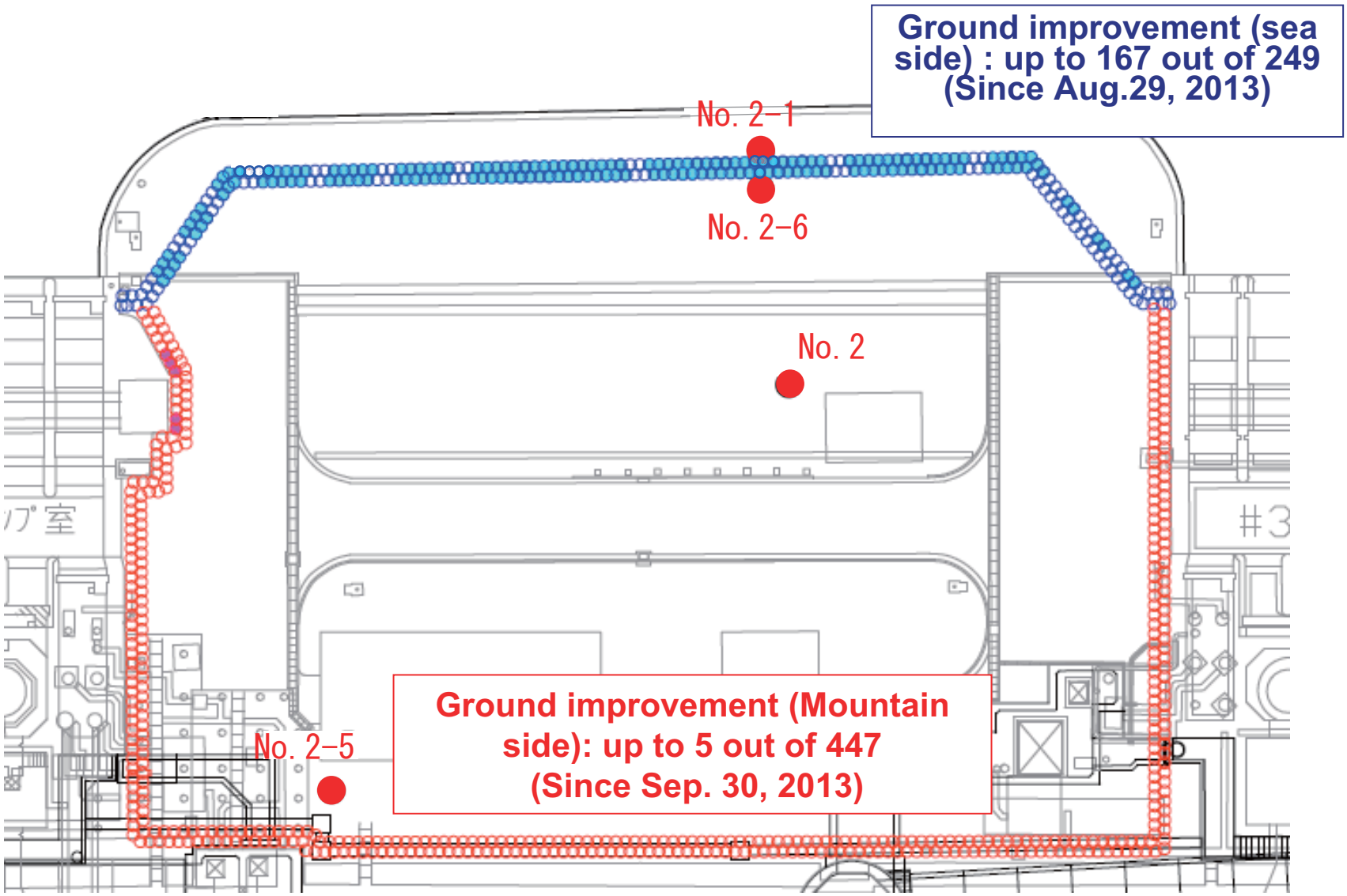
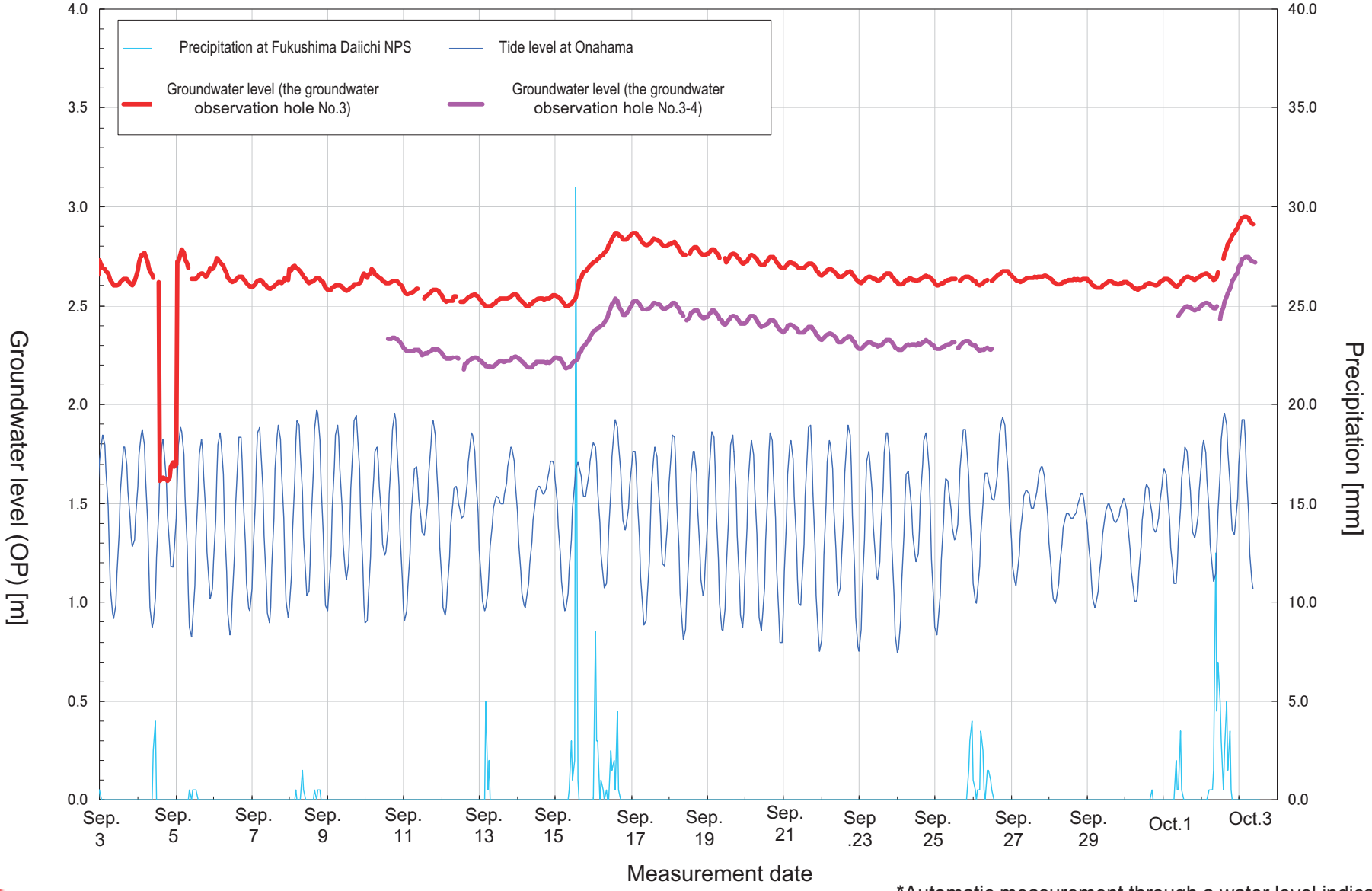
# Progress in the ground improvement work between Unit 2 and 3 (As of in the morning on October 2)




* The work area is subject to change due to the on-site situation.

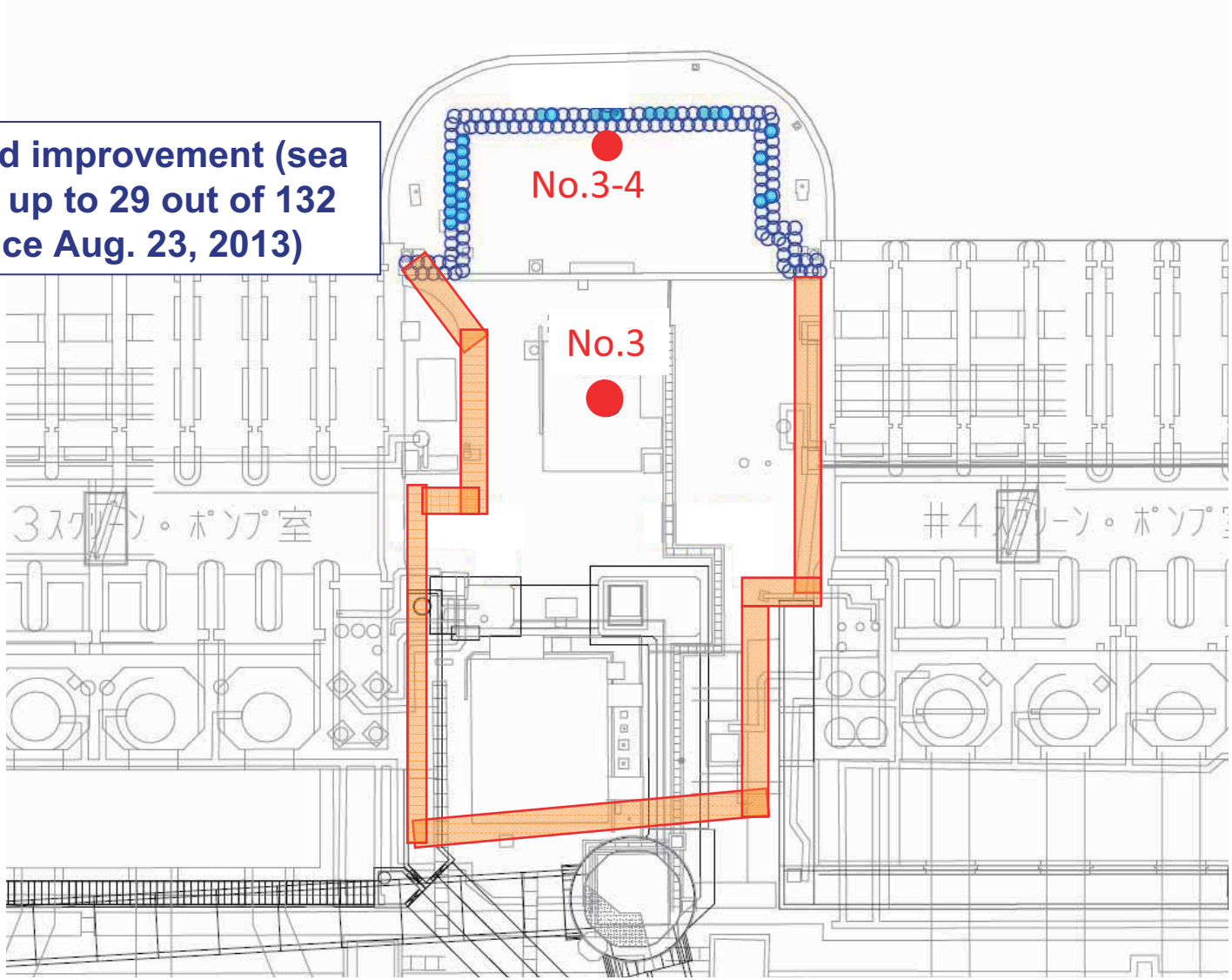
# Movement in groundwater level (Between Unit 3 and 4: From Sep. 3 to Oct. 3)




*Automatic measurement through a water level indication

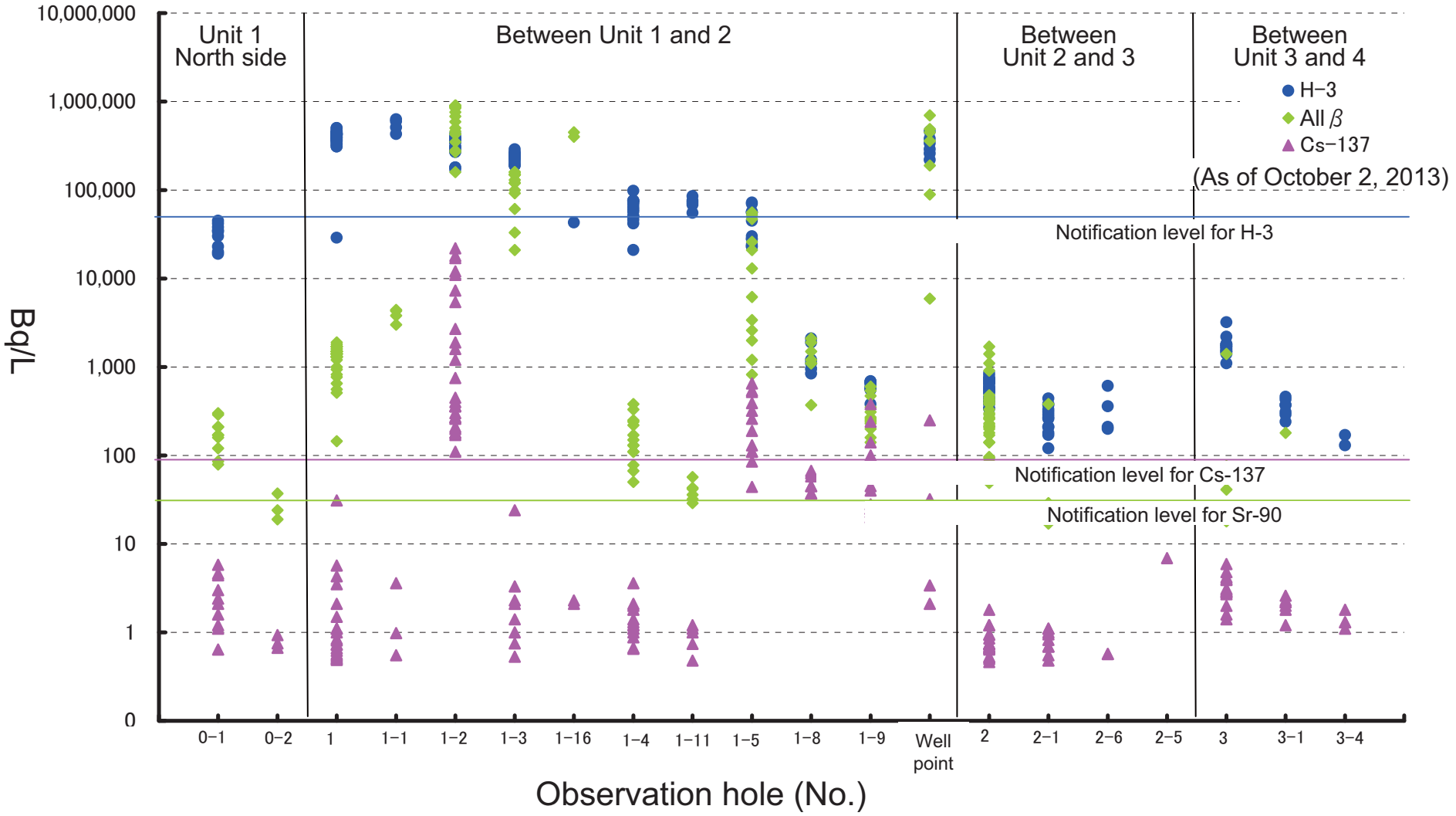
# Progress in the ground improvement work between Unit 3 and 4 (As of in the morning on October 2)

**Ground improvement (sea side): up to 29 out of 132 (Since Aug. 23, 2013)**




* The work area is subject to change due to the on-site situation.

# Groundwater concentration distribution (At-site comparison)



**Groundwater observation hole No.0-1 (Bq/L)**

| Sampling date | 2013/8/8 | 2013/8/8 Remeasurement | 2013/8/10 | 2013/8/15 | 2013/8/22 | 2013/8/29 | 2013/9/1 | 2013/9/8 | 2013/9/15 | 2013/9/22 | 2013/9/29 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 2:15 PM | 2:15 PM | 9:35 AM | 10:52 AM | 9:41 AM | 9:50 AM | 11:03 AM | 12:02 PM | 9:52 AM | 10:25 AM | 9:54 AM |
| Cs-134 | 0.61 | | 0.66 | 0.39 | ND (0.42) | 1.4 | 0.80 | 0.92 | 1.7 | 2.1 | 3.0 |
| Cs-137 | 1.6 | | 1.2 | 1.1 | 0.64 | 3.0 | 2.1 | 2.4 | 4.4 | 4.6 | 5.8 |
| Ru-106 | ND | | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Mn-54 | ND | | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Co-60 | ND | | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Sb-125 | ND | | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| All β | 210 | | 290 | 210 | 300 | 86 | 160 | 79 | 170 | 120 | 170 |
| H-3 | 23,000 | 23,000 | 34,000 | 35,000 | 42,000 | 45,000 | 38,000 | 30,000 | 20,000 | 19,000 | Under measurement |
| Sr-90 | Under measurement | | — | - | - | - | - | - | - | - | - |

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

**Groundwater observation hole No.0-2 (Bq/L)**

| Sampling date | 2013/9/2 | 2013/9/8 | 2013/9/15 | 2013/9/22 | 2013/9/29 |
|---|---|---|---|---|---|
| Sampling time | 9:51 AM | 12:35 PM | 10:32 AM | 11:15 AM | 10:52 AM |
| Cs-134 | ND (0.47) | ND (0.46) | ND (0.42) | ND (0.45) | ND (0.39) |
| Cs-137 | 0.75 | 0.67 | 0.93 | ND (0.55) | ND (0.46) |
| Ru-106 | ND | ND | ND | ND | ND |
| Mn-54 | ND | ND | ND | ND | ND |
| Co-60 | ND | ND | ND | ND | ND |
| Sb-125 | ND | ND | ND | ND | ND |
| All β | ND (24) | ND (17) | 19 | 37 | 24 |
| H-3 | ND (120) | ND (130) | ND (120) | ND (121) | Under measurement |
| Sr-90 | Under measurement | - | - | - | - |

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

**Groundwater observation hole No.1 (Bq/L)**

| Sampling date | 2012/12/8*2 | 2013/5/24 | 2013/5/31 | 2013/6/7 ① | 2013/6/7 ② | 2013/6/14 ① | 2013/6/14 ② | 2013/6/21 | 2013/6/25 | 2013/6/28 | 2013/7/1 | 2013/7/4 | 2013/7/8 | 2013/7/11 | 2013/7/15 | 2013/7/19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 11:00 AM | 4:19 PM | 3:01 PM | 3:45 PM | 3:45 PM | 2:29 PM | 2:29 PM | 9:01 AM | 1:39 PM | 5:50 PM | 3:05 PM | 11:50 AM | 1:30 PM | 12:51 PM | 1:00 PM | 8:02 AM |
| Cs-134 | ND (0.59) | ND (0.45) | 0.53 | ND (0.42) | ND (0.40) | ND (0.37) | ND (0.37) | ND (0.36) | ND (0.39) | ND (0.40) | 1.1 | ND (0.64) | ND (0.50) | ND (0.61) | ND (0.43) | ND (0.48) |
| Cs-137 | ND (0.72) | ND (0.45) | 0.57 | ND (0.53) | 0.49 | ND (0.43) | 0.51 | 0.53 | ND (0.49) | ND (0.43) | 1.5 | ND (0.47) | ND (0.47) | 1.0 | ND (0.49) | 0.73 |
| Ru-106 | ND | 26 | 19 | 19 | 21 | 18 | 19 | 16 | 20 | 16 | ND | 24 | 16 | 15 | 18 | 17 |
| Mn-54 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Co-60 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.50 |
| Sb-125 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 1.7 | ND | ND |
| All β | 150 | 1,900 | 1,300 | 1,700 | 1,600 | 1,200 | 1,300 | 1,500 | 1,400 | 1,400 | 1,300 | 1,500 | 1,800 | 1,600 | 1,500 | 1,400 |
| H-3 | 29,000 | 500,000 | 460,000 | 500,000 | 470,000 | 450,000 | 440,000 | 430,000 | 450,000 | 430,000 | 420,000 | 430,000 | 410,000 | 390,000 | 400,000 | 420,000 |
| Sr-90 | 8.6 | 1,000 | 890 | 1,200 | 1,200 | Under measurement | Under measurement | Under measurement | - | - | - | - | - | - | - | - |

*1 "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.
*2 As of γ nuclide measurement, the amount is lower than true value since the high BG is in use.

| Sampling date | 2013/7/22 | 2013/7/25 | 2013/7/29 | 2013/8/1 | 2013/8/5 | 2013/8/8 | 2013/8/12 | 2013/8/15 | 2013/8/19 | 2013/8/22 | 2013/8/26 | 2013/8/29 | 2013/8/30 | 2013/9/2 | 2013/9/5 | 2013/9/9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 1:21 PM | 1:15 PM | 11:50 AM | 11:55 AM | 12:23 PM | 11:29 AM | 10:46 AM | 12:01 PM | 10:21 AM | 10:58 AM | 10:36 AM | 10:15 AM | 11:25 AM | 10:07 AM | 9:40 AM | 10:51 AM |
| Cs-134 | ND (0.42) | ND (0.42) | ND (0.46) | ND (0.44) | ND (0.52) | 0.52 | ND (0.42) | ND (0.54) | 3.2 | ND (0.57) | ND (0.47) | 13 | 0.98 | 1.5 | 2.5 | ND (0.40) |
| Cs-137 | ND (0.45) | ND (0.55) | ND (0.51) | 0.55 | 0.62 | 1.1 | 0.50 | ND (0.49) | 4.3 | 0.66 | 0.84 | 31 | 2.1 | 3.5 | 5.7 | 0.72 |
| Ru-106 | ND | 12 | 17 | 14 | 17 | 15 | 12 | 11 | 14 | 7.9 | 14 | 17 | 17 | 11 | 12 | 12 |
| Mn-54 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Co-60 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Sb-125 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| All β | 1,400 | 1,400 | 1,300 | 1,300 | 1,400 | 1,300 | 1,700 | 1,700 | 1,500 | 1,500 | 1,500 | 1,400 | 1,700 | 1,300 | 1,500 | 650 |
| H-3 | 430,000 | 430,000 | 420,000 | 440,000 | 430,000 | 430,000 | 380,000 | 370,000 | 310,000 | 430,000 | 420,000 | 390,000 | 390,000 | 400,000 | 370,000 | 350,000 |
| Sr-90 | - | Under measurement | - | - | - | - | - | - | - | Under measurement | - | - | - | - | - | - |

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

| Sampling date | 2013/9/12 | 2013/9/16 | 2013/9/19 | 2013/9/23 | 2013/9/30 |
|---|---|---|---|---|---|
| Sampling time | 9:30 AM | 10:25 AM | 10:02 AM | 11:11 AM | 9:45 AM |
| Cs-134 | ND (0.46) | ND (0.57) | ND (0.43) | ND (0.44) | ND (0.49) |
| Cs-137 | ND (0.58) | ND (0.67) | ND (0.57) | 0.81 | ND (0.59) |
| Ru-106 | 6.5 | 7.6 | 7.0 | 7.3 | 6.0 |
| Mn-54 | ND | ND | ND | ND | ND |
| Co-60 | ND | ND | ND | ND | ND |
| Sb-125 | ND | ND | ND | ND | ND |
| All β | 1,000 | 940 | 770 | 820 | 560 |
| H-3 | 360,000 | 360,000 | 330,000 | 330,000 | Under measurement |
| Sr-90 | - | - | Under measurement | - | - |

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

**Groundwater observation hole No.1-1 (Bq/L)**

| Sampling date | 2013/6/28 | 2013/7/1 | 2013/7/5 | 2013/7/8 |
|---|---|---|---|---|
| Sampling time | 4:40 PM | 4:05 PM | 11:00 AM | 2:35 PM |
| Cs-134 | ND (0.41) | ND (0.44) | ND (0.42) | 1.9 |
| Cs-137 | ND (0.51) | 0.98 | 0.55 | 3.6 |
| Ru-106 | - | 7.8 | 7.7 | 7.9 |
| Mn-54 | 0.52 | 0.92 | 1.0 | 0.78 |
| Co-60 | ND | ND | ND | ND |
| Sb-125 | ND | ND | ND | ND |
| All β | 3,000 | 4,300 | 3,800 | 4,400 |
| H-3 | 430,000 | 510,000 | 600,000 | 630,000 |
| Sr-90 | Under measurement | - | - | - |

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

**Groundwater observation hole No.1-2 (Bq/L)**

| Sampling date | 2013/7/5 | 2013/7/8 | 2013/7/8 (Filtration) | 2013/7/9 | 2013/7/9 (Filtration) | 2013/7/9 (Residue) | 2013/7/11 | 2013/7/11 (Filtration) | 2013/7/15 | 2013/7/15 (Filtration) | 2013/7/18 | 2013/7/18 (Filtration) | 2013/7/22 | 2013/7/22 (Filtration) | 2013/7/25 | 2013/7/25 (Filtration) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 12:10 PM | 2:00 PM | 2:00 PM | 1:00 PM | 1:00 PM | 1:00 PM | 1:25 PM | 1:25 PM | 1:23 PM | 1:23 PM | 1:23 PM | 1:23 PM | 1:47 PM | 1:47 PM | 2:00 PM | 2:00 PM |
| Cs-134 | 99 | 9,000 | 94 | 11,000 | 130 | 10,000 | 8,200 | 98 | 5,900 | ND (21) | 5,400 | ND (25) | 3,500 | 50 | 2,600 | ND (22) |
| Cs-137 | 210 | 18,000 | 190 | 22,000 | 270 | 20,000 | 17,000 | 150 | 12,000 | ND (21) | 11,000 | ND (25) | 7,300 | 71 | 5,400 | 25 |
| Ru-106 | 95 | ND | | ND | | | ND | | ND | | ND | | ND | | ND | |
| Mn-54 | 62 | 25 | | ND | | | ND | | ND | | ND | | ND | | ND | |
| Co-60 | 1.2 | 3.1 | | ND | | | ND | | ND | | ND | | ND | | ND | |
| Sb-125 | 35 | ND | | ND | | | ND | | 250 | | ND | | ND | | ND | |
| All β | 900,000 | 890,000 | 920,000 | 900,000 | 890,000 | | 890,000 | | 890,000 | | 880,000 | | 880,000 | | 880,000 | |
| H-3 | 380,000 | 360,000 | | 370,000 | | | 380,000 | | 350,000 | | 350,000 | | 350,000 | | 370,000 | |
| Sr-90 | Under measurement | - | | - | | | - | | - | | - | | - | | - | |

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

| Sampling date | 2013/7/29 | 2013/7/29 (Filtration) | 2013/8/1 | 2013/8/1 (Filtration) | 2013/8/5 | 2013/8/5 (Filtration) | 2013/8/8 | 2013/8/8 (Filtration) | 2013/8/12 | 2013/8/12 (Filtration) | 2013/8/15 | 2013/8/15 (Filtration) | 2013/8/19 | 2013/8/19 (Filtration) | 2013/8/22 | 2013/8/22 (Filtration) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 12:10 PM | 12:10 PM | 12:25 PM | 12:25 PM | 12:46 PM | 12:46 PM | 1:38 PM | 1:38 PM | 12:27 PM | 12:27 PM | 1:35 PM | 1:35 PM | 12:06 PM | 12:06 PM | 12:33 PM | 12:33 PM |
| Cs-134 | 1,300 | ND (18) | 760 | ND (26) | 350 | ND (18) | 200 | 19 | 180 | ND (20) | 150 | ND (18) | 880 | 53 | 150 | 110 |
| Cs-137 | 2,700 | ND (21) | 1,600 | 45 | 750 | ND (22) | 400 | 29 | 400 | ND (23) | 360 | 38 | 1,900 | 97 | 360 | 230 |
| Ru-106 | ND | | ND | | ND | | ND | | ND | | 160 | | ND | | ND | |
| Mn-54 | ND | | ND | | ND | | ND | | ND | | ND | | ND | | ND | |
| Co-60 | ND | | ND | | ND | | ND | | ND | | ND | | ND | | ND | |
| Sb-125 | 180 | | 110 | | 110 | | 170 | | 130 | | 95 | | 200 | | ND | |
| All β | 870,000 | | 870,000 | | 880,000 | | 880,000 | | 890,000 | | 880,000 | | 870,000 | | 840,000 | |
| H-3 | 350,000 | | 380,000 | | 390,000 | | 170,000 | | 180,000 | | 300,000 | | 180,000 | | 400,000 | |
| Sr-90 | - | | - | | - | | Under measurement | | - | | - | | - | | - | |

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

| Sampling date | 2013/8/26 | 2013/8/26 (Filtration) | 2013/8/29 | 2013/8/29 (Filtration) | 2013/9/2 | 2013/9/2 (Filtration) | 2013/9/5 | 2013/9/5 (Filtration) | 2013/9/9 | 2013/9/9 (Filtration) | 2013/9/12 | 2013/9/12 (Filtration) | 2013/9/16 | 2013/9/16 (Filtration) | 2013/9/23 | 2013/9/23 (Filtration) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 12:35 PM | 12:35 PM | 11:42 AM | 11:42 AM | 11:56 AM | 11:56 AM | 1:40 PM | 1:40 PM | 1:37 PM | 1:37 PM | 9:58 AM | 9:58 AM | 10:54 AM | 1:40 PM | 10:45 AM | 10:45 AM |
| Cs-134 | 110 | 80 | 120 | 75 | 140 | 66 | 82 | 52 | 54 | 41 | 110 | 35 | 78 | 90 | 71 | 42 |
| Cs-137 | 270 | 170 | 260 | 160 | 300 | 150 | 180 | 100 | 110 | 94 | 270 | 100 | 180 | 200 | 170 | 75 |
| Ru-106 | ND | | ND | | ND | | ND | | ND | | ND | | ND | ND | ND | |
| Mn-54 | ND | | ND | | ND | | ND | | ND | | ND | | ND | ND | ND | |
| Co-60 | ND | | ND | | ND | | ND | | ND | | ND | | ND | ND | ND | |
| Sb-125 | ND | | ND | | ND | | ND | | ND | | ND | | ND | ND | ND | |
| All β | 760,000 | | 680,000 | | 590,000 | | 500,000 | | 460,000 | | 430,000 | | 430,000 | 350,000 | 280,000 | |
| H-3 | 380,000 | | 380,000 | | 350,000 | | 310,000 | | 280,000 | | 310,000 | | 430,000 | 290,000 | 270,000 | |
| Sr-90 | - | | - | | - | | - | | - | | - | | - | - | - | |

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

| Sampling date | 2013/9/26 | 2013/9/26 (Filtration) | 2013/9/30 | 2013/9/30 (Filtration) |
|---|---|---|---|---|
| Sampling time | 11:55 AM | 12:35 PM | 11:09 AM | 11:09 AM |
| Cs-134 | 150 | 58 | 520 | 370 |
| Cs-137 | 360 | 140 | 1,200 | 800 |
| Ru-106 | ND | | ND | |
| Mn-54 | ND | | ND | |
| Co-60 | ND | | ND | |
| Sb-125 | ND | | ND | |
| All β | 270,000 | | 160,000 | |
| H-3 | 270,000 | Under measurement | | |
| Sr-90 | - | | - | |

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

**Groundwater observation hole No.1-3 (Bq/L)**

| Sampling date | 2013/7/12 | 2013/7/15 | 2013/7/18 | 2013/7/22 | 2013/7/25 | 2013/7/29 | 2013/8/1 | 2013/8/5 | 2013/8/8 | 2013/8/12 | 2013/8/15 | 2013/8/19 | 2013/8/22 | 2013/8/26 | 2013/8/29 | 2013/9/2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 12:20 PM | 1:20 PM | 12:36 PM | 12:33 PM | 12:45 PM | 11:26 AM | 11:20 AM | 11:18 AM | 12:18 PM | 11:20 AM | 12:26 PM | 10:54 AM | 11:25 AM | 11:18 AM | 10:38 AM | 10:37 AM |
| Cs-134 | ND (0.66) | ND (0.46) | ND (0.39) | ND (0.46) | ND (0.44) | ND (0.44) | ND (0.50) | ND (0.61) | ND (0.55) | ND (0.55) | ND (0.64) | ND (0.56) | 1.0 | 1.1 | 1.3 | 10 |
| Cs-137 | 1.4 | ND (0.54) | 0.53 | ND (0.58) | ND (0.62) | ND (0.47) | 0.75 | ND (0.60) | 1.0 | ND (0.67) | ND (0.76) | ND (0.65) | 2.3 | 2.1 | 3.3 | 24 |
| Ru-106 | 16 | 14 | 15 | 17 | 11 | 16 | 15 | 11 | 17 | 12 | 11 | 14 | 12 | 5.1 | 4.6 | ND |
| Mn-54 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Co-60 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Sb-125 | 1.4 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 1.4 | ND | ND |
| All β | 92,000 | 100,000 | 120,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 160,000 | 160,000 | 120,000 | 130,000 | 61,000 | 33,000 | 21,000 |
| H-3 | 290,000 | 250,000 | 270,000 | 260,000 | 260,000 | 250,000 | 250,000 | 230,000 | 240,000 | 210,000 | 190,000 | 190,000 | 220,000 | 250,000 | 230,000 | 200,000 |
| Sr-90 | Under measurement | - | - | - | - | - | - | - | Under measurement | - | - | - | - | - | - | - |

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

**Groundwater observation hole No.1-4 (Bq/L)**

| Sampling date | 2013/7/8 | 2013/7/11 | 2013/7/15 | 2013/7/18 | 2013/7/22 | 2013/7/25 | 2013/7/29 | 2013/8/1 | 2013/8/5 | 2013/8/8 | 2013/8/12 | 2013/8/15 | 2013/8/19 | 2013/8/22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 3:30 PM | 12:25 PM | 11:55 AM | 12:03 PM | 12:18 PM | 12:00 PM | 10:51 AM | 10:43 AM | 10:40 AM | 11:00 AM | 10:21 AM | 11:30 AM | 9:50 AM | 10:20 AM |
| Cs-134 | 1.5 | 0.91 | ND (0.41) | 0.67 | ND (0.43) | 0.49 | 0.48 | 0.50 | ND (0.46) | 0.55 | ND (0.41) | ND (0.47) | 1.1 | 1.0 |
| Cs-137 | 3.6 | 2.0 | 0.67 | 1.0 | 1.1 | 0.88 | 1.1 | 1.4 | 0.65 | 1.2 | 1.3 | 1.2 | 2.1 | 1.8 |
| Ru-106 | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3.1 | ND | ND | ND | ND |
| Mn-54 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Co-60 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Sb-125 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| All β | 330 | 250 | 67 | 50 | 110 | 110 | 78 | 130 | 130 | 170 | 150 | 220 | 380 | 240 |
| H-3 | 69,000 | 98,000 | 60,000 | 42,000 | 46,000 | 50,000 | 51,000 | 57,000 | 64,000 | 76,000 | 72,000 | 76,000 | 75,000 | 21,000 |
| Sr-90 | Under measurement | - | - | - | - | - | - | - | - | Under measurement | - | - | - | - |

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

**Groundwater observation hole No.1-5 (Bq/L)**

| Sampling date | 2013/7/31 | 2013/8/5 | 2013/8/6 | 2013/8/8 | 2013/8/12 | 2013/8/15 | 2013/8/19 | 2013/8/22 | 2013/8/26 | 2013/8/29 | 2013/9/2 | 2013/9/5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 1:05 PM | 11:55 AM | 10:38 AM | 1:05 PM | 12:00 PM | 1:02 PM | 11:40 AM | 12:00 PM | 12:00 PM | 11:13 AM | 11:16 AM | 12:58 PM |
| Cs-134 | 21 | 310 | 260 | 250 | 190 | 150 | 130 | 91 | 53 | 62 | 40 | 50 |
| Cs-137 | 44 | 650 | 540 | 520 | 390 | 320 | 260 | 190 | 110 | 130 | 85 | 110 |
| Ru-106 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Mn-54 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Co-60 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Sb-125 | ND | ND | 6.7 | 12 | 8.9 | 9.3 | ND | ND | ND | ND | ND | ND |
| All β | 1,200 | 56,000 | 47,000 | 52,000 | 26,000 | 21,000 | 13,000 | 6,200 | 3,400 | 2,600 | 2,000 | 820 |
| H-3 | 28,000 | 56,000 | 45,000 | 57,000 | 70,000 | 72,000 | 56,000 | 28,000 | 30,000 | 24,000 | 23,000 | 23,000 |
| Sr-90 | Under measurement | - | - | - | - | - | - | Under measurement | - | - | - | - |

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

**Groundwater observation hole No.1-8 (Bq/L)**

| Sampling date | 2013/8/20 | 2013/8/26 | 2013/9/2 | 2013/9/9 | 2013/9/16 | 2013/9/23 | 2013/9/30 |
|---|---|---|---|---|---|---|---|
| Sampling time | 9:40 AM | 9:36 AM | 9:37 AM | 10:15 AM | 10:00 AM | 9:40 AM | 9:00 AM |
| Cs-134 | 21 | 26 | 30 | 17 | 31 | 20 | 17 |
| Cs-137 | 45 | 58 | 63 | 37 | 67 | 45 | 37 |
| Ru-106 | ND | ND | ND | ND | ND | ND | ND |
| Mn-54 | ND | 0.52 | ND | ND | 0.76 | 0.46 | ND |
| Co-60 | ND | ND | ND | ND | ND | ND | ND |
| Sb-125 | ND | ND | ND | ND | ND | ND | ND |
| All β | 1,100 | 1,200 | 1,100 | 370 | 2,100 | 1,900 | 1,500 |
| H-3 | 950 | 840 | 1,100 | 1,200 | 1,900 | 2,100 | Under measurement |
| Sr-90 | Under measurement | - | - | - | Under measurement | - | - |

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

**Groundwater observation hole No.1-9 (Bq/L)**

| Sampling date | 2013/9/3 | 2013/9/3 (Filtration) | 2013/9/5 | 2013/9/5 (Filtration) | 2013/9/8 | 2013/9/10 | 2013/9/12 | 2013/9/15 | 2013/9/17 | 2013/9/19 | 2013/9/22 | 2013/9/24 | 2013/9/26 | 2013/9/29 | 2013/10/1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 10:20 AM | 10:20 AM | 10:20 AM | 10:20 AM | 8:40 AM | 6:20 AM | 6:55 AM | 6:06 AM | 6:30 AM | 6:24 AM | 6:22 AM | 6:16 AM | 6:16 AM | 6:18 AM | 6:23 AM |
| Cs-134 | 170 | 66 | 110 | 41 | 59 | 33 | 8.7 | 45 | 29 | 19 | 17 | 10 | 11 | 11 | 12 |
| Cs-137 | 380 | 120 | 240 | 110 | 140 | 77 | 20 | 100 | 69 | 45 | 40 | 23 | 23 | 25 | 28 |
| Ru-106 | ND | | ND | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Mn-54 | ND | | ND | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Co-60 | ND | | ND | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Sb-125 | ND | | ND | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| All β | 470 | | 540 | | 600 | 200 | 270 | 350 | 260 | 240 | 230 | 160 | 310 | 250 | 140 |
| H-3 | 670 | | 580 | | 560 | 380 | 650 | 680 | 570 | 650 | 600 | 680 | 690 | 550 | Under measurement |
| Sr-90 | Under measurement | | - | | - | - | - | - | - | - | - | - | - | - | - |

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

**Groundwater observation hole No.1-11 (Bq/L)**

| Sampling date | 2013/9/13 | 2013/9/16 | 2013/9/19 | 2013/9/23 | 2013/9/26 | 2013/9/30 |
|---|---|---|---|---|---|---|
| Sampling time | 10:35 AM | 9:35 AM | 9:35 AM | 10:10 AM | 9:25 AM | 9:23 AM |
| Cs-134 | ND (0.36) | ND (0.40) | ND (0.48) | 0.44 | 0.45 | ND (0.48) |
| Cs-137 | 0.48 | ND (0.58) | 0.74 | 1.2 | 1.1 | 1.0 |
| Ru-106 | ND | ND | ND | ND | ND | ND |
| Mn-54 | ND | ND | ND | ND | ND | ND |
| Co-60 | ND | ND | ND | ND | ND | ND |
| Sb-125 | ND | ND | ND | ND | ND | ND |
| All β | 43 | 42 | 57 | 29 | 36 | 32 |
| H-3 | 85,000 | 72,000 | 68,000 | 76,000 | 55,000 | Under measurement |
| Sr-90 | Under measurement | - | - | - | - | - |

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

**Groundwater observation hole No.1-16 (Bq/L)**

| Sampling date | 2013/9/26 | 2013/9/30 |
|---|---|---|
| Sampling time | 11:30 AM | 10:38 AM |
| Cs-134 | ND (0.99) | ND (0.18) |
| Cs-137 | 2.1 | 2.3 |
| Ru-106 | ND | ND |
| Mn-54 | ND | ND |
| Co-60 | ND | ND |
| Sb-125 | ND | ND |
| All β | 400,000 | 450,000 |
| H-3 | 43,000 | Under measurement |
| Sr-90 | Under measurement | - |

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

**Groundwater pumped up from the well point (Bq/L)**

| Sampling date | 2013/8/19 | 2013/8/26 | 2013/9/2 | 2013/9/9 | 2013/9/16 | 2013/9/23 | 2013/9/30 |
|---|---|---|---|---|---|---|---|
| Sampling time | 11:20 AM | 10:30 AM | 9:35 AM | 1:30 PM | 9:45 AM | 9:30 AM | 8:55 AM |
| Cs-134 | 1.5 | 1.0 | ND (1.6) | ND (0.63) | 15 | 110 | 30 |
| Cs-137 | 3.4 | 2.1 | ND (1.6) | ND (0.68) | 32 | 250 | 69.0 |
| Ru-106 | 17 | 9.7 | 25 | 9.0 | 12 | ND | ND |
| Mn-54 | ND | ND | ND | ND | ND | ND | ND |
| Co-60 | ND | ND | ND | ND | ND | ND | ND |
| Sb-125 | ND | ND | ND | ND | ND | ND | ND |
| All β | 190,000 | 5,900 | 360,000 | 89,000 | 450,000 | 700,000 | 490,000 |
| H-3 | 460,000 | 260,000 | 380,000 | 220,000 | 290,000 | 340,000 | Under measurement |
| Sr-90 | - | - | - | - | - | - | - |

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

**Groundwater observation hole No.2 (Bq/L)**

| Sampling date | 2012/12/8*2 | 2013/5/24 | 2013/5/31 | 2013/6/7 ① | 2013/6/7 ② | 2013/6/21 | 2013/6/26 | 2013/7/1 | 2013/7/4 | 2013/7/8 | 2013/7/9 | 2013/7/11 | 2013/7/15 | 2013/7/18 | 2013/7/22 | 2013/7/25 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 11:00 AM | 4:12 PM | 3:16 PM | 4:05 PM | 4:05 PM | 5:44 PM | 2:30 PM | 4:55 PM | 1:05 PM | 1:00 PM | 12:25 PM | 11:30 AM | 10:50 AM | 11:22 AM | 11:37 AM | 11:04 AM |
| Cs-134 | ND (0.61) | ND (0.37) | ND (0.41) | 0.47 | ND (0.37) | ND (0.32) | ND (0.40) | 0.48 | ND (0.39) | ND (0.49) | 0.50 | ND (0.47) | ND (0.37) | ND (0.36) | ND (0.44) | ND (0.39) |
| Cs-137 | ND (0.81) | ND (0.41) | 0.95 | 0.73 | ND (0.48) | ND (0.37) | ND (0.48) | 0.66 | ND (0.46) | 0.74 | 0.74 | 1.2 | ND (0.44) | 0.50 | ND (0.53) | 0.46 |
| Ru-106 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Mn-54 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Co-60 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Sb-125 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| All β | 55 | 53 | 76 | ND (18) | ND (18) | 53 | 170 | 260 | 93 | 1,700 | 910 | 1,400 | 49 | 1,100 | 430 | 330 |
| H-3 | 410 | 380 | 340 | 390 | 340 | 560 | 850 | 740 | 530 | 730 | 670 | 410 | 530 | 540 | 710 | 500 |
| Sr-90 | 8.2 | 28 | 54 | 5.2 | 5.1 | Under measurement | - | - | - | - | - | - | - | - | - | - |

*1 "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.
*2 As of γ nuclide measurement, the amount is lower than true value since the high BG is in use.

| Sampling date | 2013/7/29 | 2013/8/1 | 2013/8/5 | 2013/8/8 | 2013/8/12 | 2013/8/15 | 2013/8/19 | 2013/8/22 | 2013/8/26 | 2013/8/29 | 2013/9/1 | 2013/9/4 | 2013/9/8 | 2013/9/11 | 2013/9/15 | 2013/9/18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 11:30 AM | 12:05 PM | 11:18 AM | 11:36 AM | 11:10 AM | 11:32 AM | 9:57 AM | 9:25 AM | 10:15 AM | 10:10 AM | 10:00 AM | 10:10 AM | 11:50 AM | 9:27 AM | 11:05 AM | 9:24 AM |
| Cs-134 | ND (0.40) | ND (0.35) | ND (0.42) | ND (0.39) | ND (0.38) | ND (0.46) | ND (0.42) | ND (0.41) | ND (0.43) | ND (0.43) | ND (0.41) | ND (0.44) | ND (0.47) | 0.36 | ND (0.36) | ND (0.37) |
| Cs-137 | ND (0.47) | 1.2 | ND (0.53) | ND (0.49) | ND (0.48) | ND (0.53) | 0.68 | 0.74 | 0.66 | ND (0.54) | ND (0.55) | 0.53 | 0.70 | 0.64 | 0.85 | ND (0.44) |
| Ru-106 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Mn-54 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Co-60 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Sb-125 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| All β | 400 | 210 | 450 | 390 | 210 | 200 | 420 | 270 | 86 | 140 | 230 | 300 | 220 | 96 | 140 | 260 |
| H-3 | 660 | 640 | 700 | 670 | 580 | 550 | 730 | 450 | 440 | 590 | 670 | 680 | 540 | 520 | 590 | 800 |
| Sr-90 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

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

| Sampling date | 2013/9/22 | 2013/9/25 | 2013/9/29 | 2013/10/2 |
|---|---|---|---|---|
| Sampling time | 9:34 AM | 9:31 AM | 9:33 AM | 9:17 AM |
| Cs-134 | ND (0.48) | ND (0.42) | 0.49 | ND (0.35) |
| Cs-137 | 0.67 | 0.52 | 0.94 | ND (0.45) |
| Ru-106 | ND | ND | ND | ND |
| Mn-54 | ND | ND | ND | ND |
| Co-60 | ND | ND | ND | ND |
| Sb-125 | ND | ND | ND | ND |
| All β | 380 | 480 | 290 | 180 |
| H-3 | 680 | 720 | 740 | Under measurement |
| Sr-90 | - | - | - | - |

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

**Groundwater observation hole No.2-1 (Bq/L)**

| Sampling date | 2013/7/25 | 2013/7/29 | 2013/8/1 | 2013/8/5 | 2013/8/8 | 2013/8/12 | 2013/8/15 | 2013/8/19 | 2013/8/22 | 2013/8/26 | 2013/8/29 | 2013/9/1 | 2013/9/4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 11:28 AM | 10:53 AM | 11:19 AM | 10:40 AM | 11:05 AM | 10:34 AM | 10:56 AM | 9:18 AM | 9:57 AM | 9:45 AM | 9:36 AM | 9:30 AM | 9:40 AM |
| Cs-134 | ND (0.42) | ND (0.43) | 0.44 | ND (0.44) | ND (0.40) | ND (0.43) | ND (0.37) | ND (0.45) | ND (0.43) | ND (0.43) | ND (0.43) | 0.66 | ND (0.40) |
| Cs-137 | 0.69 | 1.0 | 0.95 | 0.55 | 0.69 | 0.48 | ND (0.52) | ND (0.61) | ND (0.56) | ND (0.54) | 1.1 | 1.1 | 0.82 |
| Ru-106 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Mn-54 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Co-60 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Sb-125 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| All β | ND (17) | 380 | ND (17) | ND (22) | ND (18) | ND (19) | ND (18) | ND (18) | 17 | ND (18) | ND (20) | ND (19) | 29 |
| H-3 | 120 | 170 | 180 | 210 | 210 | 290 | 260 | 330 | 310 | 440 | 370 | 270 | 380 |
| Sr-90 | Under measurement | - | - | - | - | - | - | - | - | - | - | - | - |

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

**Groundwater observation hole No.2-5 (Bq/L)**

| Sampling date | 2013/9/29[*1] | 2013/9/29[*1] |
|---|---|---|
| Sampling time | 9:50 AM | 9:50 AM |
| Cs-134 | 3.1 | 3.7 |
| Cs-137 | 6.9 | 10.00 |
| Ru-106 | ND | ND |
| Mn-54 | 0.62 | 0.77 |
| Co-60 | ND | ND |
| Sb-125 | 26 | 18 |
| All β | 32,000 | 46,000 |
| H-3 | - | 1,500.00 |
| Sr-90 | - | Under measurement |

provided

**Groundwater observation hole No.2-6 (Bq/L)**

| Sampling date | 2013/9/20 | 2013/9/22 | 2013/9/25 | 2013/9/29 | 2013/10/1 |
|---|---|---|---|---|---|
| Sampling time | 10:53 AM | 10:51 AM | 12:13 PM | 10:30 AM | 2:13 PM |
| Cs-134 | ND (0.39) | 0.42 | ND (0.44) | ND (0.41) | ND (0.44) |
| Cs-137 | ND (0.45) | 0.57 | ND (0.56) | 0.57 | ND (0.56) |
| Ru-106 | ND | ND | ND | ND | ND |
| Mn-54 | ND | ND | ND | ND | ND |
| Co-60 | ND | ND | ND | ND | ND |
| Sb-125 | ND | ND | ND | ND | ND |
| All β | ND (18) | ND (17) | ND (18) | ND (18) | ND (19) |
| H-3 | 200 | 210 | Under measurement | 610 | Under measurement |
| Sr-90 | Under measurement | - | - | - | - |

* "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuc

**Groundwater observation hole No.3** (Bq/L)

| Sampling date | H24.12.12[*2] | 2013/5/24 | 2013/5/31 | 2013/6/7 ① | 2013/6/7 ② | 2013/6/21 | 2013/6/26 | 2013/7/4 | 2013/7/11 | 2013/7/18 | 2013/7/25 | 2013/8/1 | 2013/8/2 | 2013/8/8 | 2013/9/5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 11:00 AM | 4:52 PM | 3:32 PM | 3:58 PM | 3:58 PM | 5:01 PM | 3:50 PM | 2:00 PM | 10:55 AM | 10:45 AM | 1:30 PM | 12:59 PM | 2:25 PM | 2:19 PM | 9:20 AM |
| Cs-134 | ND (0.60) | 0.87 | 1.6 | 0.9 | 0.5 | 1.7 | 0.96 | 1.5 | 1.9 | 1.2 | 3.5 | 1.8 | 2.4 | 2.2 | 3.0 |
| Cs-137 | ND (0.79) | 1.4 | 2.7 | 2.0 | 1.6 | 2.9 | 2.9 | 2.8 | 4.8 | 3.1 | 3.9 | 4.2 | 4.0 | 5.9 | 3.0 |
| Ru-106 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Mn-54 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Co-60 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Sb-125 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 1.1 |
| All β | 41 | 18 | ND (17) | ND (18) | ND (18) | ND (17) | ND (21) | ND (18) | 1,400 | 76 | ND (17) | ND (17) | ND (18) | ND (18) | ND (24) |
| H-3 | 3,200 | 2,200 | 1,800 | 1,800 | 1,800 | 1,600 | 1,600 | 1,500 | 1,700 | 1,700 | 1,700 | 1,400 | 1,500 | 1,500 | 1,100 |
| Sr-90 | 8.3 | ND (1.0) | 0.25 | ND (0.24) | ND (0.27) | Under measurement | - | - | - | - | - | - | - | - | - |

*1 "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.
*2 As of γ nuclide measurement, the amount is lower than true value since the high BG is in use.

**Groundwater observation hole No.3-1 (Bq/L)**

| Sampling date | 2013/7/23 | 2013/7/25 | 2013/8/1 | 2013/8/2 | 2013/8/8 | 2013/8/16 | 2013/8/22 |
|---|---|---|---|---|---|---|---|
| Sampling time | 11:10 AM | 3:15 PM | 1:38 PM | 3:45 PM | 3:04 PM | 12:21 PM | 11:55 AM |
| Cs-134 | 1.1 | 1.2 | 1.1 | 1.0 | 1.2 | 0.67 | 0.68 |
| Cs-137 | 2.2 | 2.2 | 2.6 | 2.3 | 2.0 | 1.8 | 1.2 |
| Ru-106 | ND | ND | ND | ND | ND | ND | ND |
| Mn-54 | ND | ND | ND | ND | ND | ND | ND |
| Co-60 | ND | ND | ND | ND | ND | ND | ND |
| Sb-125 | ND | ND | ND | ND | ND | ND | ND |
| All β | ND (19) | ND (18) | 180 | ND (18) | 25 | ND (20) | 55 |
| H-3 | 290 | 310 | 460 | 370 | 430 | 370 | 240 |
| Sr-90 | Under measurement | - | - | - | - | - | - |

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

**Groundwater observation hole No.3-4 (Bq/L)**

| Sampling date | 2013/9/12 | 2013/9/18 | 2013/9/25 | 2013/10/2 |
|---|---|---|---|---|
| Sampling time | 1:20 PM | 10:16 AM | 1:03 PM | 11:12 AM |
| Cs-134 | 0.52 | 0.72 | 1.0 | 0.68 |
| Cs-137 | 1.3 | 1.8 | 1.1 | 1.3 |
| Ru-106 | ND | ND | ND | ND |
| Mn-54 | ND | ND | ND | ND |
| Co-60 | ND | ND | ND | ND |
| Sb-125 | ND | ND | ND | ND |
| All β | ND (17) | ND (18) | ND (18) | ND (19) |
| H-3 | ND (110) | 170 | 130 | Under measurement |
| Sr-90 | Under measurement | - | - | - |

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

**North side of Unit 5,6 discharge channel** (Bq/L)

| Sampling date | 2013/6/21 | 2013/6/26 | 2013/7/3 | 2013/7/8 | 2013/7/15 | 2013/7/22 | 2013/7/29 | 2013/8/5 | 2013/8/12 | 2013/8/19 | 2013/8/26 | 2013/9/2 | 2013/9/9 | 2013/9/16 | 2013/9/23 | 2013/9/30 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 7:25 AM | 11:25 AM | 6:55 AM | 6:15 AM | 6:05 AM | 5:50 AM | 5:55 AM | 6:55 AM | 6:30 AM | 6:10 AM | 6:00 AM | 6:00 AM | 6:05 AM | 5:55 AM | 5:58 AM | 6:05 AM |
| Cs-134 | 1.8 | ND (1.9) | ND (1.2) | 1.4 | ND (1.2) | ND (1.3) | ND (0.92) | ND (1.4) | ND (0.93) | ND (1.4) | ND (1.2) | ND (1.1) | ND (1.1) | ND (1.3) | ND (0.88) | ND (1.8) |
| Cs-137 | 2.1 | 3.3 | 1.2 | 2.5 | 1.5 | 2.5 | ND (1.4) | ND (1.5) | 1.4 | ND (1.5) | ND (1.7) | ND (1.4) | ND (1.1) | 2.3 | ND (1.1) | ND (1.1) |
| All β | - | ND (22) | ND (17) | ND (19) | ND (22) | ND (23) | ND (19) | ND (22) | ND (19) | ND (18) | ND (19) | ND (16) | ND (16) | ND (15) | ND (17) | ND (15) |
| H-3 | - | 8.6 | 4.9 | 3.7 | 5.5 | ND (3.2) | ND (2.9) | 3.7 | 4.7 | 5.4 | 8.3 | ND (1.8) | ND (1.8) | 2.7 | ND (18) | Under measurement |
| Sr-90 | - | 5.8 | - | - | - | Under measurement | - | - | - | Under measurement | - | - | - | - | Under measurement | - |

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

**In front of Unit 6 water intake channel, seawater** (Bq/L)

| Sampling date | 2013/6/25 | 2013/7/2 | 2013/7/8 | 2013/7/15 | 2013/7/22 | 2013/7/29 | 2013/8/5 | 2013/8/12 | 2013/8/19 | 2013/8/26 | 2013/9/2 | 2013/9/9 | 2013/9/16 | 2013/9/23 | 2013/9/30 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 7:15 AM | 6:25 AM | 6:30 AM | 6:15 AM | 5:50 AM | 6:15 AM | 6:10 AM | 6:20 AM | 6:30 AM | 5:50 AM | 5:50 AM | 5:55 AM | 5:40 AM | 6:25 AM | 6:00 AM |
| Cs-134 | ND (3.3) | ND (1.7) | ND (2.2) | ND (1.6) | ND (1.4) | ND (2.4) | ND (2.0) | ND (2.4) | 2.4 | ND (2.0) | ND (3.2) | ND (2.3) | ND (2.4) | ND (1.7) | ND (1.8) |
| Cs-137 | ND (2.1) | 2.6 | ND (1.9) | 3.1 | ND (1.3) | ND (2.3) | ND (2.7) | ND (2.5) | 4.7 | ND (2.5) | 2.4 | ND (2.7) | ND (2.7) | ND (2.4) | ND (2.4) |
| All β | ND (18) | 20 | ND (17) | ND (22) | ND (21) | ND (19) | ND (22) | ND (19) | 46 | ND (21) | ND (19) | ND (17) | ND (19) | 21 | ND (19) |
| H-3 | 6.0 | 8.2 | ND (3.1) | 11 | ND (3.2) | ND (2.9) | 4.1 | 8.8 | 24 | 5.9 | 8.6 | 4.0 | 18 | 23 | Under measurement |
| Sr-90 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

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

**In front of shallow draft quay, seawater** (Bq/L)

| Sampling date | 2013/6/26 | 2013/7/3 | 2013/7/8 | 2013/7/15 | 2013/7/22 | 2013/7/29 | 2013/8/5 | 2013/8/12 | 2013/8/19 | 2013/8/26 | 2013/9/2 | 2013/9/9 | 2013/9/16 | 2013/9/23 | 2013/9/30 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 6:06 AM | 6:03 AM | 5:31 AM | 5:30 AM | 5:25 AM | 5:34 AM | 6:00 AM | 6:10 AM | 5:53 AM | 5:48 AM | 5:49 AM | 5:50 AM | 5:51 AM | 6:00 AM | 6:35 AM |
| Cs-134 | ND (1.8) | 1.9 | ND (1.8) | ND (2.3) | ND (1.9) | ND (1.7) | 5.3 | 3.5 | 3.3 | ND (2.0) | ND (1.9) | 2.3 | ND (2.5) | 1.7 | 2.9 |
| Cs-137 | 2.3 | 5.6 | 5.1 | 5.7 | ND (2.2) | 2.2 | 8.6 | 7.9 | 7.4 | ND (2.2) | ND (2.5) | 4.5 | 3.7 | 2.7 | 11 |
| All β | ND (18) | 40 | 19 | 35 | ND (21) | ND (19) | 31 | 25 | 28 | 28 | ND (19) | ND (17) | 24 | 21 | 53 |
| H-3 | 340 | ND (120) | ND (120) | ND (120) | ND (120) | ND (120) | ND (130) | ND (120) | ND (120) | ND (120) | ND (130) | ND (110) | ND (110) | ND (120) | Under measurement |
| Sr-90 | 7.4 | - | - | - | Under measurement | - | - | - | Under measurement | - | - | - | - | Under measurement | - |

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

**North side of Unit 1-4 water intake channel, seawater (Bq/L)**

| Sampling date | 2013/1/14 | 2013/2/11 | 2013/3/11 | 2013/4/15 | 2013/5/13 | 2013/6/10 | 2013/6/21 | 2013/6/24 | 2013/6/26 | 2013/6/28 | 2013/7/1 | 2013/7/3 | 2013/7/5 | 2013/7/7 | 2013/7/9 | 2013/7/11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 7:00 AM | 6:32 AM | 6:27 AM | 6:12 AM | 5:59 AM | 6:01 AM | 6:18 AM | 5:50 PM | 6:13 AM | 6:27 AM | 6:26 AM | 6:08 AM | 6:17 AM | 6:11 AM | 6:09 AM | 6:46 AM |
| Cs-134 | 3.5 | 3.7 | 31 | ND (2.5) | 9.2 | 7.3 | 12 | - | 18 | 15 | 13 | 13 | 6.3 | 8.0 | 11 | 12 |
| Cs-137 | 5.7 | 10 | 56 | 6.0 | 16 | 14 | 28 | - | 28 | 33 | 28 | 23 | 17 | 18 | 24 | 29 |
| All β | 170 | 260 | 230 | 140 | 490 | 290 | 310 | - | 260 | 230 | 420 | 310 | 130 | 160 | 230 | 220 |
| H-3 | 110 | 170 | 120 | 110 | 290 | 500 | 1,100 | 1,500 | 760 | 760 | 2,200 | 2,300 | 490 | 760 | 930 | 940 |
| Sr-90 | - | - | - | - | - | - | Under measurement | - | - | - | - | - | - | - | - | - |

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

| Sampling date | 2013/7/14 | 2013/7/16 | 2013/7/18 | 2013/7/21 | 2013/7/23 | 2013/7/25 | 2013/7/28 | 2013/7/30 | 2013/8/1 | 2013/8/4 | 2013/8/6 | 2013/8/8 | 2013/8/11 | 2013/8/13 | 2013/8/15 | 2013/8/18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 6:11 AM | 6:08 AM | 6:06 AM | 5:51 AM | 6:23 AM | 6:11 AM | 6:13 AM | 6:04 AM | 6:23 AM | 6:13 AM | 6:05 AM | 6:02 AM | 6:04 AM | 6:11 AM | 6:15 AM | 6:05 AM |
| Cs-134 | 14 | 19 | 14 | 16 | 18 | 18 | 24 | 21 | 19 | 14 | 13 | 17 | 27 | 34 | 32 | 18 |
| Cs-137 | 32 | 43 | 35 | 29 | 40 | 32 | 46 | 49 | 36 | 34 | 32 | 46 | 55 | 81 | 77 | 44 |
| All β | 330 | 500 | 380 | 250 | 240 | 470 | 660 | 480 | 590 | 230 | 410 | 610 | 1,000 | 930 | 1,100 | 760 |
| H-3 | 2,200 | 2,300 | 1,900 | 1,100 | 990 | 1,300 | 3,100 | 2,200 | 2,400 | 1,300 | 1,300 | 2,000 | 3,800 | 3,700 | 4,700 | 3,200 |
| Sr-90 | - | - | - | - | Under measurement | - | - | - | - | - | - | - | - | - | - | - |

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

| Sampling date | 2013/8/20 | 2013/8/22 | 2013/8/25 | 2013/8/27 | 2013/8/29 | 2013/9/1 | 2013/9/3 | 2013/9/5 | 2013/9/8 | 2013/9/10 | 2013/9/12 | 2013/9/15 | 2013/9/17 | 2013/9/19 | 2013/9/22 | 2013/9/24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 6:33 AM | 6:09 AM | 5:58 AM | 6:07 AM | 6:13 AM | 6:05 AM | 6:03 AM | 6:02 AM | 5:58 AM | 6:06 AM | 6:32 AM | 5:56 AM | 6:16 AM | 6:06 AM | 6:09 AM | 6:02 AM |
| Cs-134 | 22 | 24 | 33 | 33 | 35 | 28 | 28 | 28 | 39 | 54 | 33 | 27 | 23 | 28 | 46 | 16 |
| Cs-137 | 47 | 51 | 73 | 78 | 78 | 62 | 56 | 61 | 97 | 110 | 65 | 66 | 46 | 62 | 94 | 41 |
| All β | 550 | 620 | 900 | 640 | 830 | 500 | 520 | 580 | 880 | 880 | 690 | 400 | 250 | 320 | 810 | 280 |
| H-3 | 2,000 | 2,000 | 2,900 | 2,000 | 4,200 | 2,000 | 1,500 | 1,700 | 2,800 | 3,400 | 2,800 | 1,300 | 1,000 | 1,100 | 3,000 | Under measurement |
| Sr-90 | - | Under measurement | - | - | - | - | - | - | - | - | - | - | - | - | Under measurement | - |

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

| Sampling date | 2013/9/26 | 2013/9/29 | 2013/8/25 |
|---|---|---|---|
| Sampling time | 6:08 AM | 6:08 AM | 6:13 AM |
| Cs-134 | 26 | 26 | 20 |
| Cs-137 | 54 | 60 | 55 |
| All β | 370 | 390 | 410 |
| H-3 | 1,200 | 1,700 | ler measurement |
| Sr-90 | - | - | - |

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

**North side of Unit 1-4 water intake channel (north side of the east seawall break), seawater (Bq/L)**

| Sampling date | 2013/6/27 | 2013/7/3 | 2013/7/8 | 2013/7/15 | 2013/7/22 | 2013/7/29 | 2013/8/5 | 2013/8/12 | 2013/8/19 | 2013/8/26 | 2013/9/2 | 2013/9/9 | 2013/9/16 | 2013/9/23 | 2013/9/30 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 9:50 AM | 6:50 AM | 6:17 AM | 6:12 AM | 6:14 AM | 6:15 AM | 6:42 AM | 6:58 AM | 6:43 AM | 6:28 AM | 6:17 AM | 6:31 AM | 6:25 AM | 6:38 AM | 6:35 AM |
| Cs-134 | 6.1 | 3.3 | ND (1.4) | 7.7 | ND (1.8) | ND (2.5) | 7.9 | 16 | 8.0 | ND (2.1) | 4.8 | 12 | 6.9 | 6.2 | 2.9 |
| Cs-137 | 13 | 8.2 | ND (1.7) | 18 | ND (1.8) | ND (1.9) | 15 | 33 | 19 | ND (2.2) | 11 | 19 | 16 | 19 | 11 |
| All β | 200 | 99 | 22 | 250 | ND (21) | 21 | 190 | 320 | 280 | 29 | 180 | 250 | 130 | 110 | 53 |
| H-3 | 180 | 140 | ND (120) | 460 | ND (120) | ND (120) | 200 | 370 | 300 | ND (120) | 510 | 240 | 130 | 230 | Under measurement |
| Sr-90 | Under measurement | - | - | - | Under measurement | - | - | - | Under measurement | - | - | - | - | Under measurement | - |

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

**Unit 1 screen (inside the silt fence), seawater** (Bq/L)

| Sampling date | 2013/6/21 | 2013/6/26 | 2013/7/3 | 2013/7/8 | 2013/7/15 | 2013/7/22 | 2013/7/29 | 2013/8/5 | 2013/8/12 | 2013/8/19 | 2013/8/26 | 2013/9/2 | 2013/9/9 | 2013/9/16 | 2013/9/23 | 2013/9/30 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 6:23 AM | 6:18 AM | 6:13 AM | 5:45 AM | 5:43 AM | 5:38 AM | 5:44 AM | 6:10 AM | 6:20 AM | 6:09 AM | 5:58 AM | 5:57 AM | 6:01 AM | 6:00 AM | 6:10 AM | 6:02 AM |
| Cs-134 | 6.9 | 8.9 | 5.4 | 3.4 | 17 | 4.8 | 16 | 12 | 24 | 24 | 23 | 24 | 31 | 21 | 31 | 23 |
| Cs-137 | 15 | 20 | 13 | 12 | 37 | 8.4 | 34 | 28 | 51 | 41 | 50 | 50 | 68 | 44 | 65 | 49 |
| All β | 160 | 170 | 140 | 89 | 320 | 79 | 330 | 260 | 700 | 540 | 530 | 540 | 550 | 230 | 440 | 330 |
| H-3 | 480 | 530 | 420 | 180 | 1,300 | 320 | 1,500 | 1,200 | 2,500 | 1,800 | 1,400 | 1,400 | 1,400 | 510 | 1,400 | Under measurement |
| Sr-90 | Under measurement | - | - | - | - | Under measurement | - | - | - | Under measurement | - | - | - | - | Under measurement | - |

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

**Between the water intake channel of Unit 1 and Unit 2, seawater (Surface layer)** (Bq/L)

| Sampling date | 2013/6/14 | 2013/6/21 | 2013/6/24 | 2013/6/26 Surface layer | 2013/6/28 Surface layer | 2013/7/1 Surface layer | 2013/7/3 Surface layer | 2013/7/5 Surface layer | 2013/7/7 Surface layer | 2013/7/9 Surface layer | 2013/7/11 Surface layer | 2013/7/14 Surface layer | 2013/7/16 Surface layer | 2013/7/18 Surface layer | 2013/7/21 Surface layer | 2013/7/23 Surface layer |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 1:20 PM | 11:00 AM | 6:00 PM | 4:55 PM | 11:34 AM | 6:04 AM | 6:15 AM | 6:25 AM | 6:22 AM | 6:18 AM | 6:58 AM | 6:20 AM | 6:16 AM | 6:14 AM | 5:59 AM | 6:33 AM |
| Cs-134 | - | 9.4 | - | 6.2 | 8.5 | 4.9 | 5.3 | 5.6 | 6.8 | ND (2.1) | 5.6 | 7.9 | 11 | 9.5 | 3.3 | 15 |
| Cs-137 | - | 19 | - | 11 | 19 | 11 | 9.3 | 12 | 15 | 3.4 | 13 | 20 | 25 | 23 | 8.5 | 27 |
| All β | - | 330 | - | 260 | 180 | 200 | 130 | 150 | 180 | 65 | 110 | 200 | 310 | 320 | 96 | 120 |
| H-3 | 600 | 910 | 420 | 200 | 230 | 170 | 230 | 330 | 570 | 170 | ND (120) | 560 | 800 | 420 | 390 | 580 |
| Sr-90 | - | Under measurement | - | - | - | - | - | - | - | - | - | - | - | - | - | Under measurement |

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

| Sampling date | 2013/7/25 Surface layer | 2013/7/28 Surface layer | 2013/7/30 Surface layer | 2013/8/1 Surface layer | 2013/8/4 Surface layer | 2013/8/6 Surface layer | 2013/8/8 Surface layer | 2013/8/11 Surface layer | 2013/8/13 Surface layer | 2013/8/15 Surface layer | 2013/8/18 Surface layer | 2013/8/20 Surface layer | 2013/8/22 Surface layer | 2013/8/25 Surface layer | 2013/8/27 Surface layer | 2013/8/29 Surface layer |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 6:26 AM | 6:22 AM | 6:13 AM | 6:34 AM | 6:25 AM | 6:13 AM | 6:08 AM | 6:15 AM | 6:19 AM | 6:27 AM | 6:13 AM | 6:41 AM | 6:31 AM | 6:12 AM | 6:15 AM | 6:25 AM |
| Cs-134 | 14 | 15 | 17 | 13 | 11 | 19 | 18 | 27 | 15 | 25 | 21 | 16 | 20 | 17 | 26 | 26 |
| Cs-137 | 27 | 38 | 35 | 28 | 21 | 36 | 37 | 56 | 31 | 54 | 43 | 37 | 39 | 45 | 64 | 57 |
| All β | 290 | 330 | 340 | 320 | 230 | 360 | 390 | 600 | 390 | 740 | 380 | 310 | 540 | 440 | 500 | 500 |
| H-3 | 880 | 1,800 | 1,700 | 1,300 | 1,100 | 1,400 | 1,500 | 2,300 | 890 | 2,600 | 2,000 | 1,300 | 1,300 | 940 | 1,400 | 1,400 |
| Sr-90 | - | - | - | - | - | - | - | - | - | - | - | - | Under measurement | - | - | - |

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

| Sampling date | 2013/9/1 Surface layer | 2013/9/3 Surface layer | 2013/9/5 Surface layer | 2013/9/8 Surface layer | 2013/9/10 Surface layer | 2013/9/12 Surface layer | 2013/9/15 Surface layer | 2013/9/17 Surface layer | 2013/9/19 Surface layer | 2013/9/22 Surface layer | 2013/9/24 Surface layer | 2013/9/26 Surface layer | 2013/9/29 Surface layer | 2013/10/01 Surface layer |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 6:12 AM | 6:11 AM | 6:15 AM | 6:05 AM | 6:16 AM | 6:50 AM | 6:02 AM | 6:35 AM | 6:14 | 6:18 | 6:14 | 6:14 AM | 6:15 AM | 6:21 AM |
| Cs-134 | 23 | 16 | 17 | 30 | 39 | 24 | 22 | 21 | 22 | 28 | 17 | 17 | 24 | 22 |
| Cs-137 | 40 | 39 | 47 | 67 | 80 | 45 | 47 | 42 | 45 | 59 | 38 | 42 | 53 | 45 |
| All β | 370 | 420 | 390 | 580 | 690 | 360 | 320 | 220 | 360 | 480 | 360 | 300 | 360 | 310 |
| H-3 | 1,600 | 890 | 1,200 | 1,700 | 1,900 | 1,500 | 840 | 720 | 1,100 | 1,500 | 860 | 860 | 1,200 | der measurement |
| Sr-90 | - | - | - | - | - | - | - | - | - | Under measurement | - | - | - | - |

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

**Between the water intake channel of Unit 1 and Unit 2, seawater (Lower layer)** (Bq/L)

| Sampling date | 2013/6/26 Lower layer | 2013/6/28 Lower layer | 2013/7/1 Lower layer | 2013/7/3 Lower layer | 2013/7/5 Lower layer | 2013/7/7 Lower layer | 2013/7/9 Lower layer | 2013/7/11 Lower layer | 2013/7/14 Lower layer | 2013/7/16 Lower layer | 2013/7/18 Lower layer | 2013/7/21 Lower layer | 2013/7/23 Lower layer | 2013/7/25 Lower layer | 2013/7/28 Lower layer | 2013/7/30 Lower layer |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 4:55 PM | 11:36 AM | 6:04 AM | 6:15 AM | 6:25 AM | 6:22 AM | 6:18 AM | 6:58 AM | 6:20 AM | 6:16 AM | 6:14 AM | 5:59 AM | 6:33 AM | 6:26 AM | 6:22 AM | 6:13 AM |
| Cs-134 | 6.2 | 7.5 | 5.7 | 3.0 | 6.8 | 4.9 | 2.0 | 2.6 | 9.6 | 7.5 | 7.0 | ND (1.6) | 9.9 | 4.3 | 2.3 | 2.5 |
| Cs-137 | 9.3 | 17 | 14 | 8.9 | 14 | 6.9 | 3.6 | 8.0 | 18 | 13 | 14 | 3.2 | 19 | 6.8 | 8.6 | 8.4 |
| All β | 210 | 180 | 180 | 120 | 180 | 220 | 51 | 58 | 180 | 450 | 320 | 19 | 100 | 170 | 93 | 97 |
| H-3 | 360 | 340 | ND (120) | ND (120) | 170 | 210 | ND (120) | 500 | 460 | 390 | 420 | ND (120) | 370 | 230 | 690 | 650 |
| Sr-90 | Under measurement | - | - | - | - | - | - | - | - | - | - | - | Under measurement | - | - | - |

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

| Sampling date | 2013/8/1 Lower layer | 2013/8/4 Lower layer | 2013/8/6 Lower layer | 2013/8/8 Lower layer | 2013/8/11 Lower layer | 2013/8/13 Lower layer | 2013/8/15 Lower layer | 2013/8/18 Lower layer | 2013/8/20 Lower layer | 2013/8/22 Lower layer | 2013/8/25 Lower layer | 2013/8/27 Lower layer | 2013/8/29 Lower layer | 2013/9/1 Lower layer | 2013/9/3 Lower layer | 2013/9/5 Lower layer |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 6:34 AM | 6:25 AM | 6:13 AM | 6:08 AM | 6:15 AM | 6:19 AM | 6:27 AM | 6:13 AM | 6:41 AM | 6:31 AM | 6:12 AM | 6:15 AM | 6:25 AM | 6:12 AM | 6:11 AM | 6:15 AM |
| Cs-134 | 4.0 | 5.8 | 4.2 | 6.0 | 5.7 | 6.1 | 8.9 | 5.1 | 8.3 | 5.2 | 9.4 | 3.4 | 13 | 11 | 3.4 | 7.0 |
| Cs-137 | 5.2 | 9.8 | 11 | 13 | 11 | 14 | 20 | 16 | 19 | 7.9 | 20 | 7.9 | 25 | 24 | 11 | 13 |
| All β | 180 | 110 | 120 | 200 | 270 | 250 | 300 | 80 | 140 | 210 | 330 | 250 | 340 | 370 | 160 | 110 |
| H-3 | 300 | 1,200 | 210 | 490 | 510 | 570 | 1,000 | 560 | 690 | 280 | 720 | 230 | 1,200 | 1,600 | 260 | 510 |
| Sr-90 | - | - | - | - | - | - | - | - | - | Under measurement | - | - | - | - | - | - |

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

| Sampling date | 2013/9/8 Lower layer | 2013/9/10 Lower layer | 2013/9/12 Lower layer | 2013/9/15 Lower layer | 2013/9/17 Lower layer | 2013/9/19 Lower layer | 2013/9/22 Lower layer | 2013/9/24 Lower layer | 2013/9/26 Lower layer | 2013/9/29 Lower layer | 2013/10/01 Lower layer |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 6:05 AM | 6:16 AM | 6:50 AM | 6:02 AM | 6:35 AM | 6:14 AM | 6:18 AM | 6:14 AM | 6:14 AM | 6:15 AM | 6:21 AM |
| Cs-134 | 12 | 11 | 12 | 11 | 12 | 7.9 | 11 | 16 | 16 | 22 | 19 |
| Cs-137 | 24 | 24 | 23 | 23 | 29 | 26 | 25 | 35 | 38 | 52 | 37 |
| All β | 370 | 310 | 360 | 190 | 170 | 180 | 200 | 300 | 300 | 330 | 320 |
| H-3 | 640 | 470 | 400 | 720 | 520 | 410 | 470 | 780 | 660 | 1,100 | der measuremen |
| Sr-90 | - | - | - | - | - | - | Under measurement | - | - | - | - |

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

**Unit 2 screen (inside the silt fence), seawater** (Bq/L)

| Sampling date | 2013/6/21 | 2013/6/26 | 2013/7/3 | 2013/7/8 | 2013/7/15 | 2013/7/22 | 2013/7/29 | 2013/8/5 | 2013/8/12 | 2013/8/19 | 2013/8/26 | 2013/9/2 | 2013/9/9 | 2013/9/16 | 2013/9/23 | 2013/9/30 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 6:29 AM | 6:24 AM | 6:27 AM | 5:51 AM | 5:48 AM | 5:45 AM | 5:50 AM | 6:15 AM | 6:31 AM | 6:17 AM | 6:04 AM | 6:01 AM | 6:05 AM | 6:04 AM | 6:15 AM | 6:07 AM |
| Cs-134 | 7.1 | 11 | 16 | ND (1.8) | 14 | ND (1.9) | 6.8 | 11 | 20 | 26 | 12 | 15 | 25 | 26 | 17 | 22 |
| Cs-137 | 14 | 23 | 34 | 5.1 | 27 | ND (1.9) | 18 | 24 | 42 | 52 | 35 | 36 | 49 | 48 | 46 | 54 |
| All β | 230 | 260 | 220 | 26 | 250 | ND (21) | 140 | 240 | 370 | 490 | 280 | 300 | 520 | 350 | 350 | 350 |
| H-3 | 290 | 320 | 250 | ND (120) | 440 | ND (120) | 370 | 500 | 570 | 820 | 380 | 520 | 1,500 | 1,300 | 1,300 | Under measurement |
| Sr-90 | Under measurement | - | - | - | - | Under measurement | - | - | - | Under measurement | - | - | - | - | Under measurement | - |

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

**Between the water intake channel of Unit 2 and Unit 3, seawater** (Bq/L)

| Sampling date | 2013/6/26 | 2013/7/3 | 2013/7/8 | 2013/7/15 | 2013/7/22 | 2013/7/29 | 2013/8/5 | 2013/8/12 | 2013/8/19 | 2013/8/20 Surface | 2013/8/20 Lower layer | 2013/8/26 | 2013/9/2 | 2013/9/9 | 2013/9/16 | 2013/9/23 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 6:51 AM | 6:30 AM | 5:56 AM | 5:53 AM | 5:49 AM | 5:54 AM | 6:19 AM | 6:37 AM | 6:21 AM | 10:55 AM | 11:10 AM | 6:08 AM | 6:03 AM | 6:11 AM | 6:07 AM | 6:18 AM |
| Cs-134 | 8.8 | 6.0 | 4.6 | 9.3 | ND (1.7) | 8.4 | 15 | 21 | 12 | 5.2 | 3.5 | 8.2 | 10 | 19 | 14 | 13 |
| Cs-137 | 18 | 14 | 15 | 18 | ND (1.8) | 23 | 34 | 37 | 30 | 14 | 9.8 | 24 | 24 | 38 | 31 | 35 |
| All β | 220 | 140 | 40 | 250 | ND (21) | 160 | 210 | 410 | 310 | 230 | 85 | 280 | 300 | 450 | 76 | 320 |
| H-3 | 350 | ND (120) | ND (120) | 460 | ND (120) | 660 | 320 | 720 | 240 | - | - | 350 | 420 | 790 | 140 | Under measurement |
| Sr-90 | Under measurement | - | - | - | Under measurement | - | - | - | Under measurement | - | - | - | - | - | - | Under measurement |

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

| Sampling date | 2013/9/30 |
|---|---|
| Sampling time | 6:13 AM |
| Cs-134 | 14.0 |
| Cs-137 | 24 |
| All β | 200 |
| H-3 | Under measurement |
| Sr-90 | - |

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

**Unit 3 screen (inside the silt fence), seawater** (Bq/L)

| Sampling date | 2013/6/21 | 2013/6/26 | 2013/7/3 | 2013/7/8 | 2013/7/15 | 2013/7/16 | 2013/7/22 | 2013/7/29 | 2013/8/5 | 2013/8/12 | 2013/8/19 | 2013/8/26 | 2013/9/2 | 2013/9/9 | 2013/9/16 | 2013/9/23 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 6:33 AM | 6:30 AM | 6:36 AM | 6:01 AM | 5:59 AM | 6:32 AM | 11:13 AM | 5:57 AM | 6:25 AM | 6:41 AM | 6:28 AM | 6:14 AM | 6:06 AM | 6:15 AM | 6:10 AM | 6:25 AM |
| Cs-134 | 64 | 59 | 32 | 8.3 | 350 | 190 | 31 | 7.6 | 69 | 39 | 68 | 14 | 17 | 21 | 190 | 25 |
| Cs-137 | 110 | 120 | 68 | 16 | 770 | 380 | 63 | 19 | 140 | 82 | 140 | 43 | 32 | 38 | 440 | 57 |
| All β | 270 | 310 | 230 | 72 | 1,000 | 610 | 120 | 96 | 290 | 340 | 270 | 300 | 220 | 270 | 600 | 220 |
| H-3 | 220 | 190 | ND (120) | ND (120) | ND (120) | - | ND (120) | 200 | 240 | 380 | 160 | 260 | 410 | 270 | ND (110) | Under measurement |
| Sr-90 | Under measurement | - | - | - | - | - | Under measurement | - | - | - | Under measurement | - | - | - | - | Under measurement |

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

| Sampling date | 2013/9/30 |
|---|---|
| Sampling time | 6:18 AM |
| Cs-134 | 44 |
| Cs-137 | 95 |
| All β | 240 |
| H-3 | Under measurement |
| Sr-90 | - |

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

**Between the water intake channel of Unit 3 and Unit 4, seawater** (Bq/L)

| Sampling date | 2013/6/26 | 2013/7/3 | 2013/7/8 | 2013/7/15 | 2013/7/22 | 2013/7/29 | 2013/8/5 | 2013/8/12 | 2013/8/19 | 2013/8/20 Surface | 2013/8/20 Lower layer | 2013/8/26 | 2013/9/2 | 2013/9/9 | 2013/9/16 | 2013/9/23 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 6:47 AM | 6:38 AM | 6:06 AM | 6:00 AM | 6:02 AM | 6:02 AM | 6:29 AM | 6:48 AM | 6:32 AM | 11:16 AM | 11:25 AM | 6:20 AM | 6:08 AM | 6:20 AM | 6:15 AM | 6:31 AM |
| Cs-134 | 9.9 | 7.3 | 2.6 | 12 | ND (2.0) | 11 | 12 | 22 | 20 | 14 | 4.8 | 12 | 9.8 | 14 | 28 | 15 |
| Cs-137 | 23 | 16 | 7.0 | 26 | ND (2.0) | 22 | 28 | 45 | 43 | 30 | 7.7 | 26 | 22 | 36 | 50 | 28 |
| All β | 230 | 130 | 18 | 260 | ND (21) | 120 | 210 | 390 | 160 | 180 | 57 | 320 | 250 | 280 | 130 | 230 |
| H-3 | 250 | ND (120) | ND (120) | 430 | ND (120) | 280 | 280 | 650 | 270 | - | - | 310 | 430 | 410 | 200 | Under measurement |
| Sr-90 | Under measurement | - | - | - | Under measurement | - | - | - | Under measurement | - | - | - | - | - | - | Under measurement |

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

| Sampling date | 2013/9/30 |
|---|---|
| Sampling time | 6:29 AM |
| Cs-134 | 13 |
| Cs-137 | 29 |
| All β | 170 |
| H-3 | Under measurement |
| Sr-90 | - |

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

**Unit 4 screen (inside the silt fence), seawater** (Bq/L)

| Sampling date | 2013/6/21 | 2013/6/26 | 2013/7/3 | 2013/7/8 | 2013/7/15 | 2013/7/22 | 2013/7/29 | 2013/8/5 | 2013/8/12 | 2013/8/19 | 2013/8/26 | 2013/9/2 | 2013/9/9 | 2013/9/16 | 2013/9/23 | 2013/9/30 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 6:37 AM | 6:35 AM | 6:42 AM | 6:04 AM | 6:02 AM | 11:16 AM | 6:00 AM | 6:28 AM | 6:44 AM | 6:37 AM | 6:18 AM | 6:12 AM | 6:18 AM | 6:13 AM | 6:30 AM | 6:23 AM |
| Cs-134 | 31 | 34 | 17 | 46 | 43 | 12 | 30 | 27 | 30 | 20 | 13 | 16 | 21 | 62 | 30 | 28 |
| Cs-137 | 70 | 65 | 36 | 93 | 89 | 26 | 64 | 58 | 62 | 49 | 34 | 28 | 45 | 140 | 76 | 61 |
| All β | 250 | 220 | 160 | 130 | 300 | 49 | 200 | 210 | 310 | 200 | 270 | 230 | 210 | 200 | 190 | 170 |
| H-3 | ND (210) | 260 | ND (120) | ND (120) | 180 | ND (120) | 260 | 210 | 400 | ND (120) | 280 | 360 | 220 | 160 | 310 | Under measurement |
| Sr-90 | Under measurement | - | - | - | - | Under measurement | - | - | - | Under measurement | - | - | - | - | Under measurement | - |

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

**Around the south discharge channel** (Bq/L)

| Sampling date | 2013/6/21 | 2013/6/26 | 2013/7/3 | 2013/7/8 | 2013/7/15 | 2013/7/22 | 2013/7/29 | 2013/8/5 | 2013/8/12 | 2013/8/19 | 2013/8/26 | 2013/9/2 | 2013/9/9 | 2013/9/16 | 2013/9/23 | 2013/9/30 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 7:15 AM | 11:15 AM | 5:10 AM | 5:15 AM | 10:45 AM | 5:15 AM | 5:15 AM | 5:20 AM | 5:40 AM | 5:20 AM | 5:20 AM | 5:20 AM | 5:20 AM | 5:20 AM | 5:20 AM | 5:20 AM |
| Cs-134 | ND (1.0) | ND (1.1) | ND (1.2) | ND (0.93) | ND (1.2) | ND (1.2) | ND (1.0) | ND (1.3) | ND (1.2) | ND (1.4) | ND (1.1) | ND (1.4) | ND (1.3) | ND (1.3) | ND (1.2) | ND (1.2) |
| Cs-137 | 2.0 | ND (1.3) | ND (1.2) | ND (1.1) | 3.0 | ND (1.4) | ND (1.3) | ND (1.6) | ND (1.4) | ND (1.5) | ND (1.0) | ND (1.3) | ND (1.5) | ND (1.8) | ND (1.4) | ND (1.5) |
| All β | ND (19) | ND (22) | ND (18) | ND (18) | ND (21) | ND (20) | ND (21) | ND (18) | ND (19) | ND (18) | ND (19) | ND (21) | ND (15) | ND (19) | ND (17) | ND (18) |
| H-3 | - | ND (3.0) | ND (3.0) | ND (3.1) | ND (3.0) | ND (3.2) | ND (3.0) | ND (3.1) | ND (3.0) | ND (3.0) | ND (1.7) | ND (1.8) | ND (1.8) | ND (1.5) | ND (1.8) | Under measurement |
| Sr-90 | - | 0.36 | - | - | - | Under measurement | - | - | - | Under measurement | - | - | - | - | Under measurement | - |

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

**Port entrance, seawater** (Bq/L)

| Sampling date | 2013/6/20 | 2013/6/26 | 2013/7/4 | 2013/7/9 | 2013/7/17 | 2013/7/22 | 2013/7/31 | 2013/8/5 | 2013/8/12 | 2013/8/19 | 2013/8/28 | 2013/9/3 | 2013/9/9 | 2013/9/18 | 2013/9/24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 1:18 PM | 2:19 PM | 3:19 PM | 10:29 AM | 12:20 PM | 11:32 AM | 7:38 AM | 11:54 AM | 9:14 AM | 7:22 AM | 7:21 AM | 7:52 AM | 8:46 AM | 10:12 AM | 9:37 AM |
| Cs-134 | ND (1.3) | ND (1.9) | ND (1.7) | ND (2.0) | ND (2.2) | ND (1.9) | ND (2.1) | ND (1.9) | ND (1.4) | 1.6 | ND (2.0) | ND (1.2) | ND (1.2) | ND (1.7) | ND (1.2) |
| Cs-137 | ND (1.2) | 3.7 | ND (2.0) | ND (2.6) | ND (2.0) | ND (2.0) | ND (1.9) | ND (2.4) | ND (1.5) | 4.7 | ND (1.6) | ND (1.0) | ND (0.90) | 2.6 | 1.4 |
| All β | 15 | 31 | ND (22) | ND (19) | ND (20) | ND (18) | ND (20) | ND (20) | ND (21) | 69 | ND (17) | ND (16) | ND (16) | ND (15) | ND (15) |
| H-3 | 5.0 | 29 | ND (3.6) | 4.2 | 4.8 | ND (3.0) | ND (3.1) | 3.8 | ND (2.8) | 68 | 4.0 | ND (1.6) | 2.5 | 6.7 | Under measurement |
| Sr-90 | 3.5 | - | - | - | - | Under measurement | - | - | - | Under measurement | - | - | - | - | Under measurement |

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

**East side in the port, seawater** (Bq/L)

| Sampling date | 2013/6/26 | 2013/7/4 | 2013/7/9 | 2013/7/17 | 2013/7/22 | 2013/7/31 | 2013/8/5 | 2013/8/12 | 2013/8/19 | 2013/8/28 | 2013/9/3 | 2013/9/9 | 2013/9/18 | 2013/9/24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 2:22 PM | 10:32 AM | 10:34 AM | 2:40 PM | 11:41 AM | 7:43 AM | 11:58 AM | 9:20 AM | 7:30 AM | 7:28 AM | 8:00 AM | 8:54 AM | 10:06 AM | 9:30 AM |
| Cs-134 | ND (2.4) | ND (2.3) | ND (2.0) | ND (1.7) | ND (2.3) | ND (1.6) | ND (1.4) | ND (1.8) | 2.9 | ND (1.1) | ND (1.3) | ND (2.1) | ND (1.4) | ND (1.3) |
| Cs-137 | ND (2.4) | 3.3 | ND (2.4) | ND (2.5) | ND (2.1) | ND (2.4) | ND (2.0) | ND (1.9) | 6.6 | 1.9 | ND (1.0) | 1.3 | 2.4 | 1.6 |
| All β | 33 | 40 | ND (19) | ND (20) | ND (18) | ND (20) | ND (20) | ND (18) | 74 | ND (17) | ND (16) | ND (16) | ND (15) | ND (15) |
| H-3 | 14 | 44 | ND (3.0) | 7.0 | ND (3.0) | ND (3.1) | ND (3.1) | ND (2.8) | 67 | 6.6 | ND (1.6) | 2.0 | 7.2 | Under measurement |
| Sr-90 | Under measurement | - | - | - | - | - | - | - | - | - | - | - | - | - |

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

**West side in the port, seawater** (Bq/L)

| Sampling date | 2013/6/26 | 2013/7/4 | 2013/7/9 | 2013/7/17 | 2013/7/22 | 2013/7/31 | 2013/8/5 | 2013/8/12 | 2013/8/19 | 2013/8/28 | 2013/9/3 | 2013/9/9 | 2013/9/18 | 2013/9/24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling time | 2:25 PM | 10:37 AM | 10:38 AM | 2:47 PM | 11:50 AM | 7:48 AM | 12:02 PM | 9:02 AM | 7:33 AM | 7:38 AM | 8:49 AM | 8:59 AM | 10:03 AM | 9:26 AM |
| Cs-134 | ND (2.5) | ND (2.2) | ND (2.0) | ND (2.2) | ND (2.2) | ND (1.5) | ND (1.8) | ND (2.0) | 2.6 | ND (1.1) | ND (1.3) | 1.2 | ND (1.4) | 1.7 |
| Cs-137 | 3.3 | ND (2.6) | ND (1.9) | 2.4 | ND (2.2) | ND (2.4) | ND (1.9) | ND (2.3) | 6.5 | 1.6 | ND (1.2) | 2.8 | 1.8 | 2.5 |
| All β | 43 | 60 | ND (19) | ND (20) | ND (18) | ND (20) | ND (20) | ND (18) | 57 | ND (17) | ND (16) | ND (16) | ND (15) | ND (15) |
| H-3 | 26 | 37 | 4.7 | 20 | ND (3.0) | 6.3 | 4.2 | 4.8 | 59 | 5.3 | ND (1.6) | 14 | 5.4 | Under measurement |
| Sr-90 | Under measurement | - | - | - | - | - | - | - | - | - | - | - | - | - |

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

**North side in the port, seawater** (Bq/L)

| Sampling date | 2013/8/12 | 2013/8/19 | 2013/8/28 | 2013/9/3 | 2013/9/9 | 2013/9/18 | 2013/9/24 |
|---|---|---|---|---|---|---|---|
| Sampling time | 9:31 AM | 7:36 AM | 7:35 AM | 8:53 AM | 9:01 AM | 9:59 AM | 9:23 AM |
| Cs-134 | ND (1.8) | ND (2.0) | ND (2.1) | ND (1.1) | ND (1.3) | 1.5 | ND (1.4) |
| Cs-137 | ND (2.1) | 4.7 | 1.8 | ND (1.1) | 1.1 | 2.8 | 1.7 |
| All β | ND (21) | 69 | ND (17) | ND (16) | ND (16) | ND (15) | ND (15) |
| H-3 | 6.5 | 52 | 7.3 | 2.2 | 4.1 | 10 | Under measurement |
| Sr-90 | - | - | - | - | - | - | - |

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

**South side in the port, seawater** (Bq/L)

| Sampling date | 2013/8/12 | 2013/8/19 | 2013/8/28 | 2013/9/3 | 2013/9/9 | 2013/9/18 | 2013/9/24 |
|---|---|---|---|---|---|---|---|
| Sampling time | 9:24 AM | 7:27 AM | 7:24 AM | 7:57 AM | 8:50 AM | 10:09 AM | 9:33 AM |
| Cs-134 | ND (2.0) | 2.1 | 1.1 | ND (1.5) | ND (0.81) | 1.5 | ND (1.7) |
| Cs-137 | ND (2.3) | 4.6 | 3.4 | ND (1.3) | 1.1 | 3.7 | ND (1.2) |
| All β | ND (18) | 79 | ND (17) | ND (16) | ND (16) | ND (15) | ND (15) |
| H-3 | 3.4 | 60 | 3.2 | ND (1.6) | ND (1.6) | 5.8 | Under measurement |
| Sr-90 | - | - | - | - | - | - | - |

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

**North side of the north breakwater** (Bq/L)

| Sampling date | 2013/8/14 | 2013/8/21 | 2013/8/27 | 2013/9/3 | 2013/9/11 | 2013/9/18 | 2013/9/28 |
|---|---|---|---|---|---|---|---|
| Sampling time | 8:17 AM | 8:09 AM | 8:14 AM | 8:39 AM | 9:16 AM | 9:00 AM | 9:42 AM |
| Cs-134 | ND (1.5) | ND (1.1) | ND (0.66) | ND (0.88) | ND (0.70) | ND (0.67) | ND (0.61) |
| Cs-137 | ND (1.4) | ND (1.4) | ND (0.49) | ND (0.58) | ND (0.62) | ND (0.52) | ND (0.57) |
| All β | ND (18) | ND (20) | ND (17) | ND (16) | ND (17) | ND (16) | ND (16) |
| H-3 | 4.7 | ND (2.9) | ND (2.0) | ND (1.8) | ND (1.9) | ND (1.7) | ND (1.7) |
| Sr-90 | - | - | - | - | - | - | - |

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

**East side of the port entrance** (Bq/L)

| Sampling date | 2013/8/14 | 2013/8/21 | 2013/8/27 | 2013/9/3 | 2013/9/11 | 2013/9/18 | 2013/9/28 |
|---|---|---|---|---|---|---|---|
| Sampling time | 8:21 AM | 8:16 AM | 8:20 AM | 8:39 AM | 8:59 AM | 8:44 AM | 9:51 AM |
| Cs-134 | ND (1.1) | ND (1.0) | ND (0.84) | ND (0.63) | ND (0.80) | ND (0.45) | ND (0.66) |
| Cs-137 | ND (1.1) | ND (1.3) | ND (0.69) | ND (0.69) | ND (0.71) | ND (0.68) | ND (0.64) |
| All β | ND (18) | ND (20) | ND (17) | ND (16) | ND (17) | ND (16) | ND (16) |
| H-3 | ND (2.9) | ND (2.9) | ND (2.0) | ND (1.8) | ND (1.9) | 3.6 | ND (1.7) |
| Sr-90 | - | - | - | - | - | - | - |

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

**South side of the south breakwater** (Bq/L)

| Sampling date | 2013/8/14 | 2013/8/21 | 2013/8/27 | 2013/9/3 | 2013/9/11 | 2013/9/18 | 2013/9/28 |
|---|---|---|---|---|---|---|---|
| Sampling time | 8:09 AM | 8:01 AM | 8:07 AM | 8:31 AM | 9:06 AM | 8:52 AM | 9:56 AM |
| Cs-134 | ND (1.5) | ND (1.0) | ND (0.69) | ND (0.43) | ND (0.74) | ND (0.68) | ND (0.64) |
| Cs-137 | ND (1.1) | ND (1.4) | ND (0.68) | ND (0.66) | ND (0.64) | ND (0.82) | ND (0.57) |
| All β | ND (18) | ND (20) | ND (17) | ND (16) | ND (17) | ND (16) | ND (16) |
| H-3 | ND (2.9) | ND (2.9) | ND (2.0) | ND (1.8) | ND (1.9) | ND (1.7) | ND (1.7) |
| Sr-90 | - | - | - | - | - | - | - |

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