

## Evaluation results of temporary storage tanks used in the pumping up operation of pump wells for groundwater bypass

<Reference>  
July 2, 2014  
Tokyo Electric

<Tritium concentration of each pump>

(Bq/L)

Concentration of Tritium (Bq/L)	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10	No. 11	No. 12
May 19 (Mon.) and May 22 (Thu), in 2014	4.6	32	30	110	7.7	170	190	80	70	230	160	1100
May 26, 2014 (Mon.) *	4.6	11	30	25	7.7	130	190	81	70	200	160	<b>1700</b>
[1] May 29, 2014 (Thu.)*	6.6	11	16	25	14	130	94	81	68	200	150	<b>1700</b>
[2] June 2, 2014 (Mon.)*	6.6	16	16	31	14	90	94	73	68	120	150	<b>1500</b>
[3] June 5, 2014 (Thu.)*	3.8	16	10	31	15	90	95	73	67	120	400	<b>1700</b>
[4] June 9, 2014 (Mon.) *	3.8	21	10	47	15	97	95	83	67	110	400	<b>1700</b>
[5] June 12, 2014 (Thu.) *	5.2	21	9.9	47	22	97	97	83	76	110	530	<b>1500</b>
[6] June 16, 2014 (Mon.)*	5.2	12	9.9	44	22	110	97	79	76	110	530	<b>2000</b>
[7] June 19, 2014 (Thu.) *	3.9	12	12	44	25	110	110	79	74	110	460	<b>1800</b>
[8] June 23, 2014 (Mon.) *	3.9	13	12	43	25	94	110	92	74	110	460	<b>2100</b>
[9] June 26, 2014 (Thu.)*	3.4	13	18	43	33	94	110	92	81	110	360	<b>1500</b>
for evacuation of tritium up	3.4	13	18	43	33	94	110	92	81	110	360	<b>2100</b>

\* For the pumping well has no sampling data, previous data were used.

\* "data for evacuation of tritium upward trend" means the data set as the upward trend from June 22 to 26 and evacuated.

<Pumping up ratio for each pump well>

	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10	No. 11	No. 12	Sum
[11]Pumping up ratio (Calculated based on the amount of water pumped up within the past one week) *	<b>0.17</b>	<b>0.10</b>	<b>0.06</b>	<b>0.02</b>	<b>0.10</b>	<b>0.02</b>	<b>0.08</b>	<b>0.06</b>	<b>0.09</b>	<b>0.17</b>	<b>0.02</b>	<b>0.11</b>	<b>1.00</b>

\*: For the well pump No.12, the data taken from June 24 (Tue.) to July 1 (Tue.) have been adopted when pumping resumed.

<Evaluation results (Tritium concentration of temporary storage tanks)>

(Bq/L)

May 29, 2014 ([1] × [11])	1.1	1.1	0.9	0.5	1.3	3.1	7.1	5.2	6.2	33.4	3.3	186.0	<b>249.2</b>
June 2, 2014 ([2] × [11])	1.1	1.6	0.9	0.6	1.3	2.2	7.1	4.7	6.2	20.0	3.3	164.1	<b>213.1</b>
June 5, 2014 ([3] × [11])	0.7	1.6	0.6	0.6	1.4	2.2	7.2	4.7	6.1	20.0	8.7	186.0	<b>239.7</b>
June 9, 2014 ([4] × [11])	0.7	2.2	0.6	0.9	1.4	2.3	7.2	5.3	6.1	18.4	8.7	186.0	<b>239.7</b>
June 12, 2014 ([5] × [11])	0.9	2.2	0.6	0.9	2.1	2.3	7.3	5.3	6.9	18.4	11.5	164.1	<b>222.5</b>
June 16, 2014 ([6] × [11])	0.9	1.2	0.6	0.8	2.1	2.6	7.3	5.1	6.9	18.4	11.5	218.8	<b>276.3</b>
June 19, 2014 ([7] × [11])	0.7	1.2	0.7	0.8	2.4	2.6	8.3	5.1	6.7	18.4	10.0	196.9	<b>253.9</b>
June 23, 2014 ([8] × [11])	0.7	1.3	0.7	0.8	2.4	2.3	8.3	5.9	6.7	18.4	10.0	229.7	<b>287.2</b>
June 26, 2014 ([9] × [11])	0.6	1.3	1.0	0.8	3.2	2.3	8.3	5.9	7.4	18.4	7.8	164.1	<b>221.1</b>
data for evacuation of tritium upward trend ([10] × [11])	0.6	1.3	1.0	0.8	3.2	2.3	8.3	5.9	7.4	18.4	7.8	229.7	<b>286.7</b>