Work Performed Today (April 19) in Response to the Leakage from the Underground Reservoirs

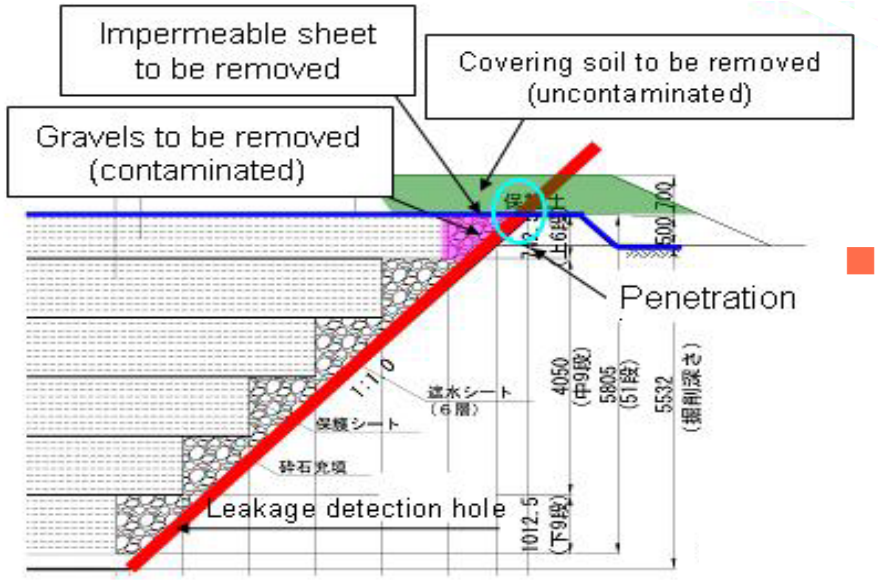
<Reference>
April 19, 2013
Tokyo Electric Power Company

Cause Investigation of the Leakage

Outline

- Visually inspect the conditions of the impermeable sheet and the leakage detection hole in the leakage detection hole penetration in the northeast side of the underground reservoir No. 2 where the leakage is suspected.

Remove the covering soil
↓
Cut and remove the sheet on the upper part
↓
Remove the gravels
↓
Inspect the leakage detection hole penetration
↓
Implement rain protection



Schedule

Item	April											
	8	9	10	11	12	13	14	15	16	17	18	19
Investigation of the underground reservoir No.2												

■: Planned schedule, ■: Actual schedule

Work performed today

- The soil covering of the leakage detection hole penetration has completed.

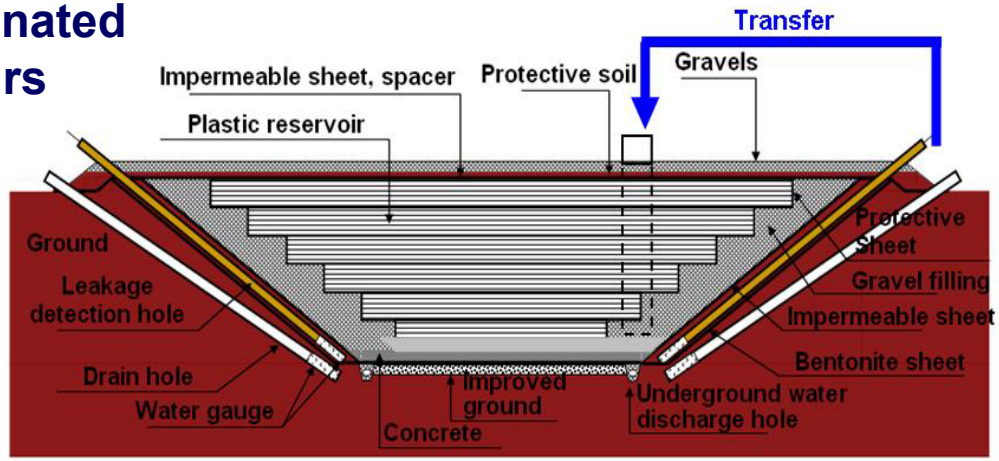
Photos of the work performed today


The soil covering completed

Measures to Prevent the Expansion of Contaminated Water Leakage from the Underground Reservoirs

Outline

- In order to prevent the leaked water in the leakage detection holes from leaking into the ground in the surrounding area, the water in the leakage detection holes will be returned to the underground reservoirs.



Schedule

: Detection holes with high radioactive material densities

Under ground reservoir	Leakage Detection holes	Apr 10 (Wed)	Apr 11 (Thu)	Apr 12 (Fri)	Apr 13 (Sat)	Apr 14 (Sun)	Apr 15 (Mon)	Apr 16 (Tue)	Apr 17 (Wed)	Apr 18 (Thu)	Apr 19 (Fri)
No. 1	Northeast side										
	Southwest side										
No. 2	Northeast side										
	Southwest side										
No. 3	Northeast side								*	*	*
	Southwest side										

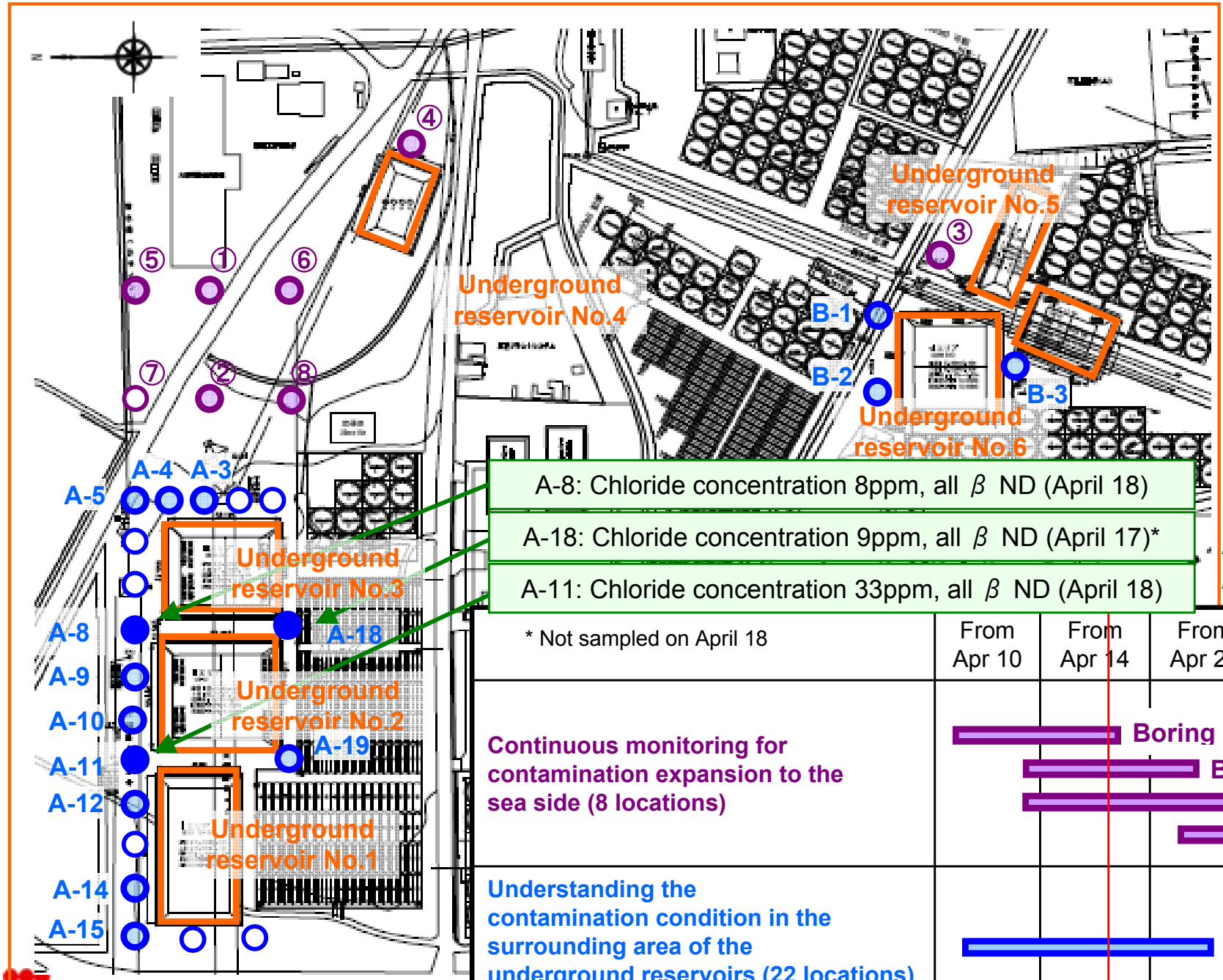
*Water transfer was conducted since radioactive material density of the water in the detection hole is increasing.

Photo of the work performed today

Installation of the pump at underground reservoir No. iii (photo taken on April 13)

[Revision]
In the report previously announced on April 17 and 18, the schedule for April 15 has been corrected as follows.
Southwest side of the underground reservoir No.1: corrected to “no work performed”
Northeast side of the underground reservoir No.2: corrected to “with a work performed”

Monitoring of the Impact of the Leakage on the Surrounding Environment: Progress of the Boring and the Result of the Monitoring



A-8: Chloride concentration 8ppm, all β ND (April 18)

A-18: Chloride concentration 9ppm, all β ND (April 17)*

A-11: Chloride concentration 33ppm, all β ND (April 18)

* Not sampled on April 18

	From Apr 10	From Apr 14	From Apr 21	From Apr 28	May	June
Continuous monitoring for contamination expansion to the sea side (8 locations)	Boring ①		Boring ② ③	Boring ④	Boring ⑤-⑧	
Understanding the contamination condition in the surrounding area of the underground reservoirs (22 locations)						

○ New observation holes (at 8 locations)
(Continuous monitoring for contamination expansion to the sea side)
Depth: Approx. 20-30m

○ New observation holes (at 22 locations)
(Understanding the contamination condition in the surrounding area of the underground reservoirs)
Depth: Approx. 5-15m

[Condition of the work]
○ ○ : To be drilled
◎ ◎ : being drilled
● ● : finish drilled

[Condition of the monitoring]
A-8: Started from April 15
A-11,18: Started from April 17