

Leakage from Plastic Tank on Side of H5 Tank Area of Fukushima Daiichi NPS (Updated at 17:30 on April 14)

<Reference>
April 14, 2014
Tokyo Electric Power Company

- Cooperative company workers discovered water leakage from the plastic tank which was installed on the side of H5 tank area (on the north side) on routine patrol around 8:40 on April 13.
- The leakage has occurred in the damaged part of the tank. The action has been taken by protecting the openings, attaching the crosstie on the bottom of the tank and having the damaged part upward.
- Soil collection in the peripheral areas of leakage has been completed. (Collected soil: Approx. 8m³)
- Capacity of the plastic tank: 1m³
- Leaked area: Peripheral area of the damaged tank (About 1/4 area of the approx. 15m x 3m)
- It is assumed there is no leakage to the sea as there is no side ditch around the tank.

Overview

<Leakage volume>

- Maximum 1m³
- Working on soil recovery in the leaked area
- It is assumed there is no leakage to the sea as there is no side ditch around the tank.

<Surface dose rate of leaked water>

- Same level as that of the background (0.04mSv/h)

<Analysis result of leaked water>

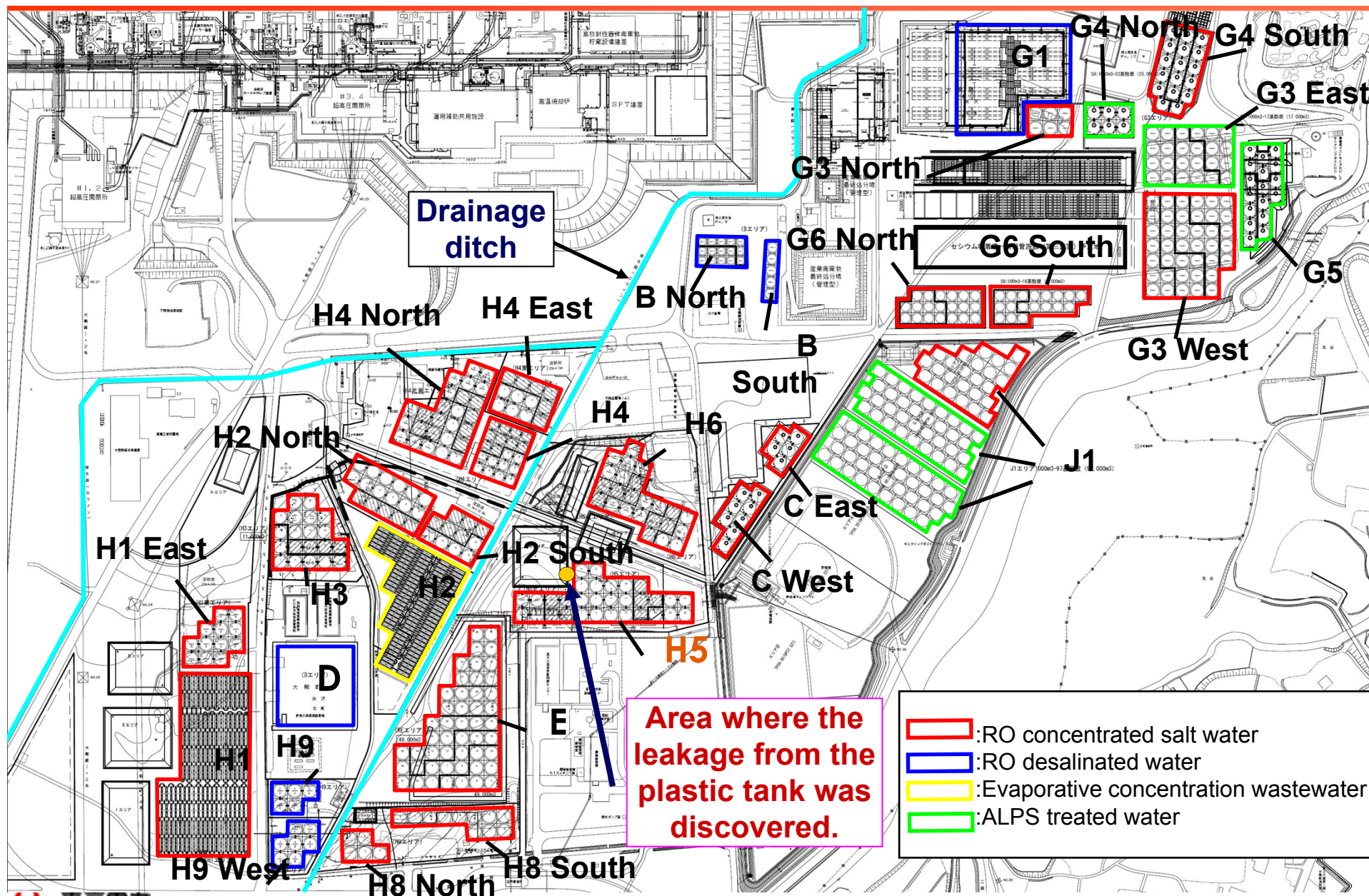
(Analyzed the residual water (suspension) in the tank)

- Cesium134 : 440Bq/L
- Cesium137 : 1,200Bq/L
- Gross beta : 1,400Bq/L
- Strontium90 : 11Bq/L

<Cause of accident>

- Under investigation

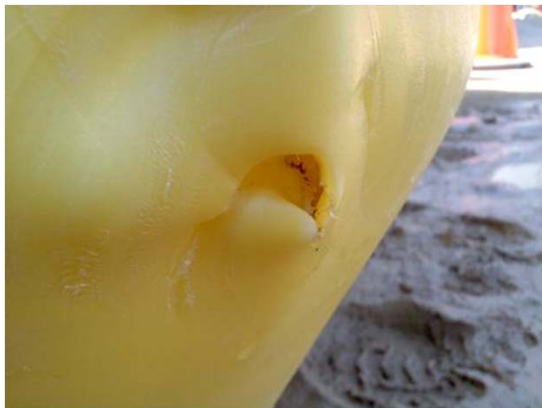
Location of Tanks in Site



Situation



Situation
as of discovery



Damage status



Leaked area

<About the damaged tank>

- The above tank was used to store the collected water (including the dirt on the floor) from the dike with the accumulated rainwater during cleansing of the inside of the dike which was carried out prior to the painting operation for the inside of the dike at the end of 2013.
- After that, the tank still remained installed because it might be continuously used for cleansing of the inside of the dike.