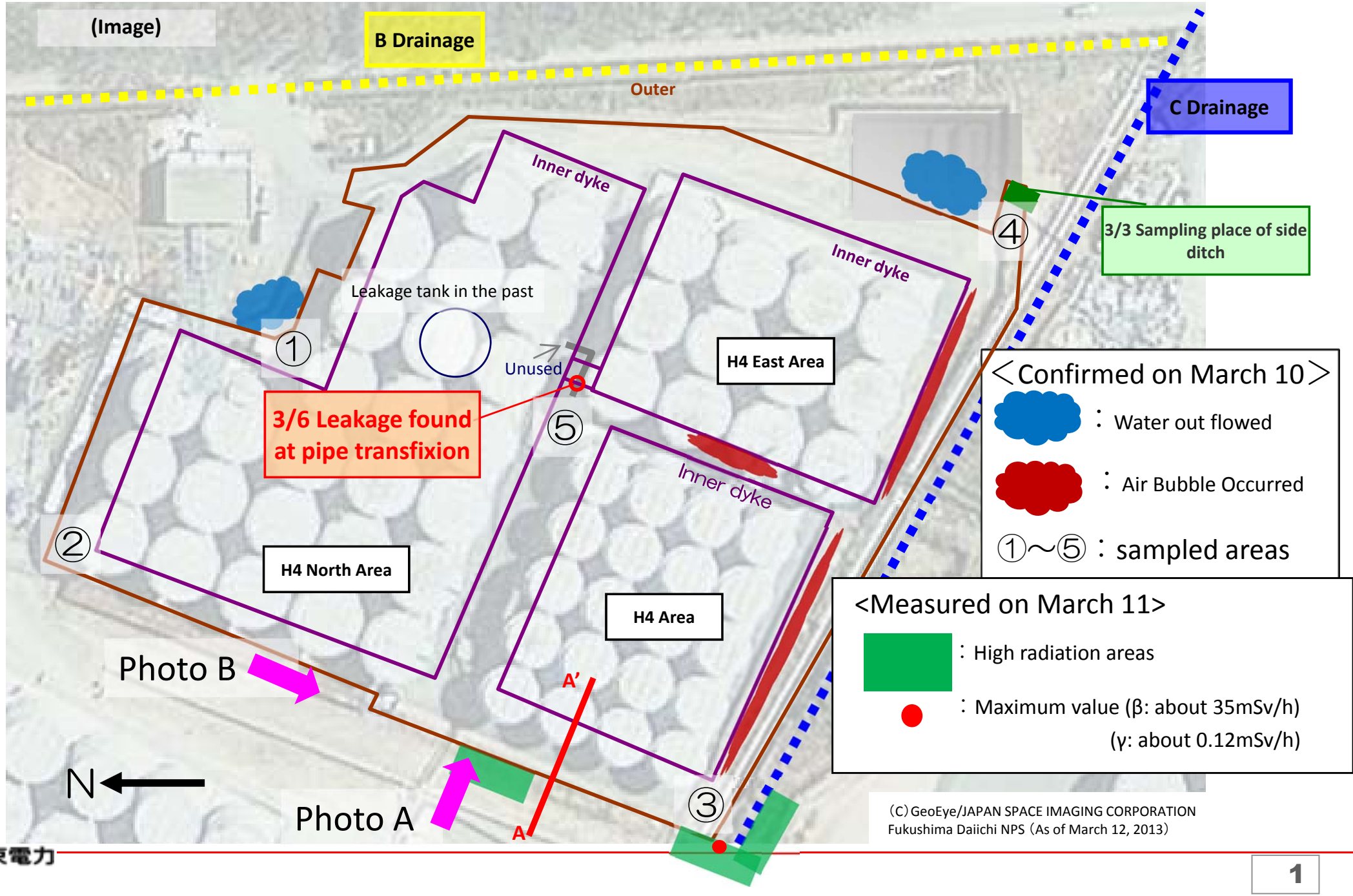
Fukushima Daiichi NPS
Decrease of water level around H4 tank area (ver.2)

Revised Ver.

<Reference>
March12,2015
Tokyo Electric Power Company



(C) GeoEye/JAPAN SPACE IMAGING CORPORATION
Fukushima Daiichi NPS (As of March 12, 2013)

＜A-A’ Cross-Section Diagram＞

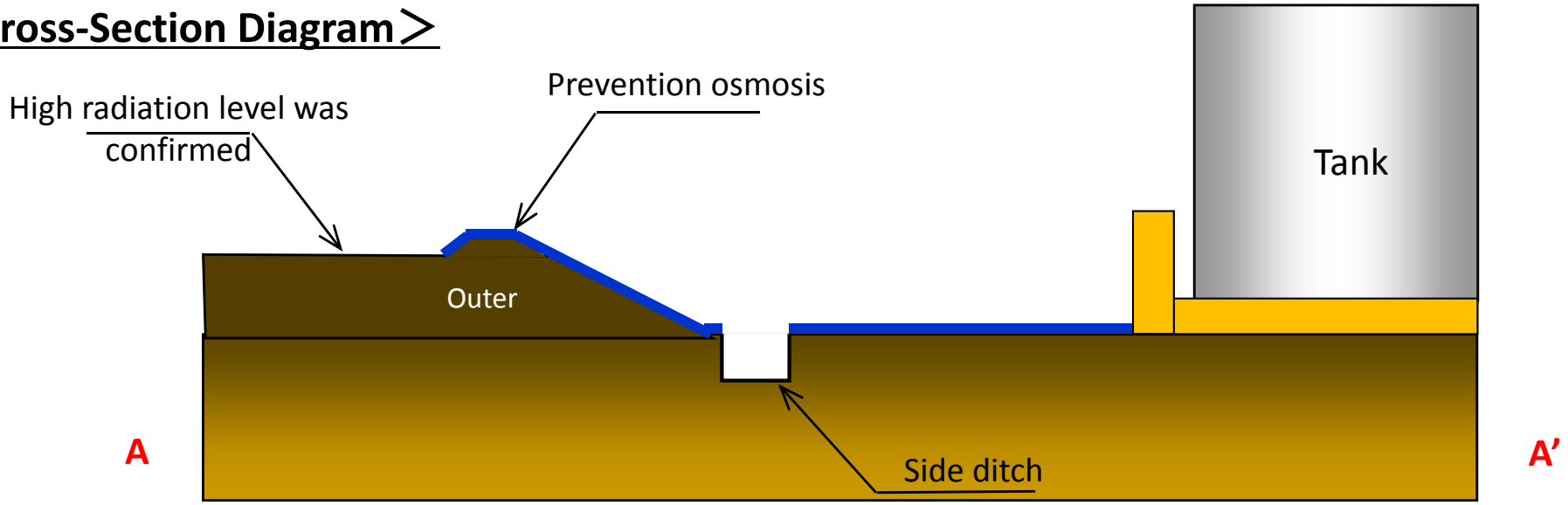


Photo A

Photo B

H4 Tank area west side outer dyke

Situation at the Site

○As below, TEPCO concluded no tank leakage

- On March 10, 2015, taking the cumulated rainwater samples from inner dyke at H4, H4 North, H4 East areas, no significant changes in radioactive density has been confirmed from comparing with the sample that was taken from the same day in the morning (results are shown P4).
- No significant changes in water level in tanks
- No abnormalities has confirmed from tank patrol

○Comparison the above with samples taken from outer dyke rainwater led to the conclusion that outer dyke rainwater's density had not been affected by the inner dyke water.

○Near southwest H4 area, TEPCO found a highly contaminated area by using the measurement of 70μm dose equivalent at the outer dyke surroundings.

- Near southwest H4 area (measured from 5 – 10 cm above ground level)
- 70μm dose equivalent (beta-ray) approx. 35mSv/h
- 1cm dose equivalent (gamma-ray) approx.0.12mSv/h

TEPCO will investigate whether highly contaminated area water has escaped to the ocean by rainfall.
In addition, the highly contaminated area had been the same place where the water leakage was occurred in March 2012. TEPCO will also investigate the causal sequence of this matter.

Analysis result of water accumulated at inner / outer dyke

◎ Analysis result of water accumulated at inner dyke (Data around 10 o'clock were already reported)

Sampling point (time)	H4 North(17:10)	H4 East (17:10)	H4 (17:10)
Gross beta[Bq/L]	960	440	85
Cesium134[Bq/L]	ND(10)	ND(9.9) *	ND(11)
Cesium137[Bq/L]	ND(17)	ND(16)	ND(17)

* correction was made on March 12. (ND17) → (ND9.9)

Sampling point (time)	H4North(10:15)	H4 East(10:20)	H4(10:10)
Gross beta[Bq/L]	730	450	400
Cesium134[Bq/L]	ND(11)	ND(11)	ND(12)
Cesium137[Bq/L]	ND(17)	ND(17)	ND(17)z

◎ Analysis result of water accumulated at outer dyke Refer P.1 Sampling point ①-⑤

Sampling point (time)	①(9:10)	②(9:15)	③(9:20)	④(9:25)	⑤(9:30)
Gross beta[Bq/L]	1,900	1,500	8,300	150	370
Cesium134[Bq/L]	ND(11)	ND(10)	ND(12)	ND(10)	ND(11)
Cesium137[Bq/L]	18	ND(17)	ND(16)	ND(16)	ND(17)

* All of data sampled on 10th March ,2015

<Reference> Leakage point of RO-concentrated water reported on 26th March 2012

* By Tepco press release on 30th July 2012
"Extract from P.36 Measures and handling with regard to radioactive water leakage and outflow to the ocean from the pipe which transfer concentrated water to desalination apparatus water concentration tank at Fukushima Daiichi NPS (Report)"