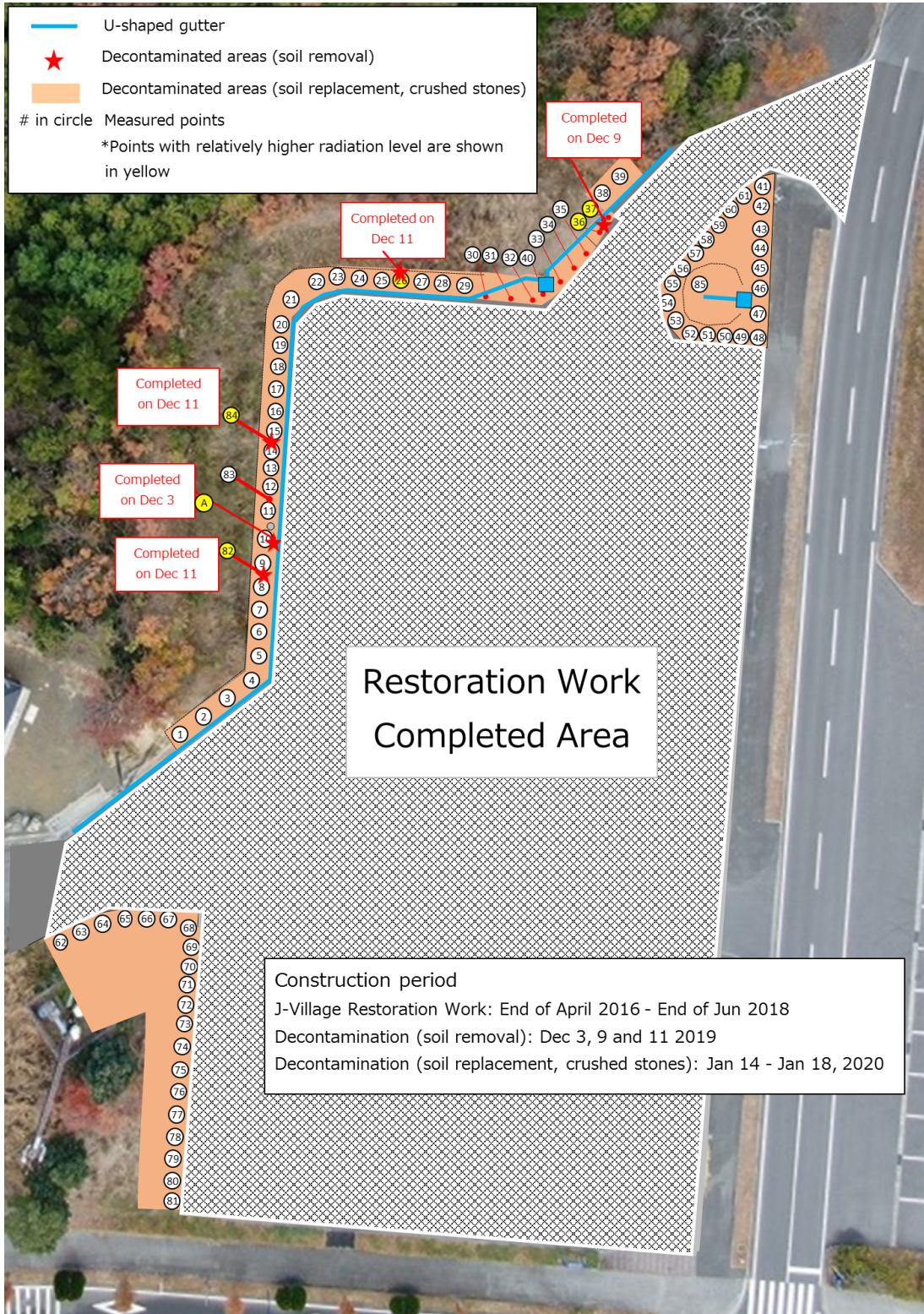


Restoration and decontamination work at Naraha town-managed parking lot



Air dose rate before/after decontamination (soil removal)

Area	Before decontamination		After decontamination		Date of decontamination (MM/DD)
	(1m above ground)	(1cm above ground)	(1m above ground)	(1cm above ground)	
A	1.79μSv/h	70.2μSv/h	0.39μSv/h	0.44μSv/h	12/3
NO36	1.42μSv/h	11.20μSv/h	0.24μSv/h	0.19μSv/h	12/9
NO37	1.10μSv/h	7.57μSv/h	0.28μSv/h	0.28μSv/h	
NO26	0.46μSv/h	27.50μSv/h	0.23μSv/h	0.17μSv/h	12/11
NO82	0.57μSv/h	1.10μSv/h	0.22μSv/h	0.16μSv/h	12/11
NO84	0.45μSv/h	0.46μSv/h	0.30μSv/h	0.20μSv/h	12/11

[Reference] Radioactive materials analysis results of removed soil

Area	Cesium 134 Cesium 137	Total	Date of decontamination/ analysis (MM/DD)
A	5.87×10 ⁴ Bq/kg 9.71×10 ⁵ Bq/kg	1.03×10 ⁶ Bq/kg	12/3 12/3
NO36	1.18×10 ³ Bq/kg 1.76×10 ⁴ Bq/kg	1.88×10 ⁴ Bq/kg	12/9
NO37			12/10
NO26	5.39×10 ² Bq/kg 8.73×10 ³ Bq/kg	9.26×10 ³ Bq/kg	12/11 12/12
NO82			
NO84			

[Analysis method]

Measured and analyzed the weight, volume, and density by using Germanium semiconductor detector after enclosing the soil samples into specially-designed container. (measurement time: 300 seconds)

* Only Cesium 134 and Cesium 137 (other gamma nuclides are below detection limit)

Air dose rate before/after decontamination (soil replacement, crushed stones)

No.	Before decontamination (unit: $\mu\text{Sv/h}$)			After decontamination (unit: $\mu\text{Sv/h}$)		
	1m above ground	1cm above ground	Date of measurement (YYYY/MM/DD)	1m above ground	1cm above ground	Date of measurement (YYYY/MM/DD)
1	0.31	0.77	20191210	0.21	0.19	20200117
2	0.38	0.87	20191210	0.19	0.16	20200117
3	0.31	0.84	20191210	0.18	0.14	20200117
4	0.29	0.78	20191210	0.16	0.15	20200117
5	0.28	0.68	20191210	0.16	0.15	20200117
6	0.25	0.43	20191210	0.16	0.16	20200117
7	0.28	0.78	20191210	0.16	0.15	20200117
8	0.38	0.94	20191210	0.14	0.14	20200117
9	0.47	0.90	20191210	0.15	0.13	20200117
10	0.34	0.82	20191210	0.15	0.13	20200117
11	0.32	0.93	20191210	0.14	0.13	20200117
12	0.36	0.73	20191210	0.16	0.13	20200117
13	0.36	1.13	20191210	0.16	0.15	20200117
14	0.40	1.54	20191210	0.16	0.14	20200117
15	0.35	0.84	20191210	0.16	0.16	20200117
16	0.32	0.88	20191210	0.16	0.15	20200117
17	0.28	0.99	20191210	0.15	0.17	20200117
18	0.25	0.60	20191210	0.16	0.15	20200117
19	0.26	0.53	20191210	0.16	0.14	20200117
20	0.25	0.51	20191210	0.16	0.16	20200117
21	0.28	0.52	20191210	0.17	0.16	20200117
22	0.28	0.51	20191210	0.17	0.15	20200117
23	0.27	0.70	20191210	0.17	0.15	20200117
24	0.29	1.01	20191210	0.18	0.15	20200117
25	0.29	0.84	20191210	0.18	0.21	20200117
26	0.46	27.50	20191210	0.18	0.23	20200117
27	0.31	0.72	20191210	0.17	0.17	20200117
28	0.30	0.63	20191210	0.17	0.16	20200117
29	0.42	1.84	20191210	0.17	0.15	20200117
30	0.64	2.43	20191210	0.21	0.20	20200117
31	0.56	1.40	20191210	0.25	0.17	20200117
32	0.55	1.55	20191210	0.26	0.18	20200117
33	0.35	0.84	20191210	0.18	0.14	20200117
34	0.32	0.51	20191210	0.15	0.15	20200117
35	0.27	0.75	20191210	0.18	0.17	20200117
36	1.42	11.20	20191209	0.21	0.19	20200117
37	1.10	7.57	20191209	0.23	0.26	20200117
38	0.30	0.61	20191210	0.22	0.27	20200117
39	0.25	0.35	20191210	0.20	0.23	20200117
40	0.42	0.45	20191210	0.23	0.15	20200117
41	0.22	1.06	20191210	0.15	0.16	20200118
42	0.22	0.32	20191210	0.13	0.14	20200118
43	0.20	0.36	20191210	0.13	0.15	20200118
44	0.21	0.29	20191210	0.12	0.12	20200118
45	0.23	0.33	20191210	0.13	0.12	20200118
46	0.26	0.54	20191210	0.16	0.16	20200118
47	0.26	0.31	20191210	0.14	0.13	20200117
48	0.22	0.34	20191210	0.14	0.14	20200117
49	0.18	0.23	20191210	0.14	0.11	20200117
50	0.19	0.22	20191210	0.13	0.13	20200117
51	0.20	0.21	20191210	0.11	0.12	20200117
52	0.20	0.30	20191210	0.11	0.13	20200117
53	0.20	0.24	20191210	0.13	0.12	20200117
54	0.20	0.31	20191210	0.12	0.14	20200117
55	0.22	0.38	20191210	0.13	0.16	20200117
56	0.25	0.32	20191210	0.13	0.13	20200118
57	0.35	1.13	20191210	0.17	0.25	20200118
58	0.23	0.28	20191210	0.12	0.13	20200118
59	0.21	0.32	20191210	0.14	0.13	20200118
60	0.21	0.29	20191210	0.13	0.14	20200118
61	0.20	0.59	20191210	0.13	0.19	20200118
62	0.24	0.41	20191210	0.16	0.17	20200114
63	0.22	0.38	20191210	0.12	0.13	20200114
64	0.18	0.26	20191210	0.10	0.10	20200114
65	0.16	0.24	20191210	0.11	0.11	20200114
66	0.15	0.23	20191210	0.12	0.12	20200114
67	0.14	0.24	20191210	0.12	0.11	20200114
68	0.18	0.44	20191210	0.13	0.16	20200114
69	0.20	0.41	20191210	0.14	0.14	20200114
70	0.19	0.86	20191210	0.14	0.17	20200114
71	0.21	0.40	20191210	0.13	0.14	20200114
72	0.19	0.38	20191210	0.13	0.15	20200114
73	0.18	0.32	20191210	0.14	0.13	20200114
74	0.17	0.33	20191210	0.13	0.14	20200114
75	0.17	0.26	20191210	0.14	0.12	20200114
76	0.22	0.69	20191210	0.15	0.24	20200114
77	0.24	0.88	20191210	0.15	0.18	20200114
78	0.25	0.69	20191210	0.12	0.17	20200114
79	0.24	0.53	20191210	0.12	0.12	20200114
80	0.21	0.44	20191210	0.11	0.13	20200114
81	0.17	0.31	20191210	0.10	0.11	20200114
82	0.57	11.00	20191210	0.15	0.14	20200118
83	0.40	1.70	20191210	0.15	0.13	20200118
84	0.45	12.00	20191210	0.16	0.14	20200118
85	0.90	3.25	20191210	0.20	0.19	20200118

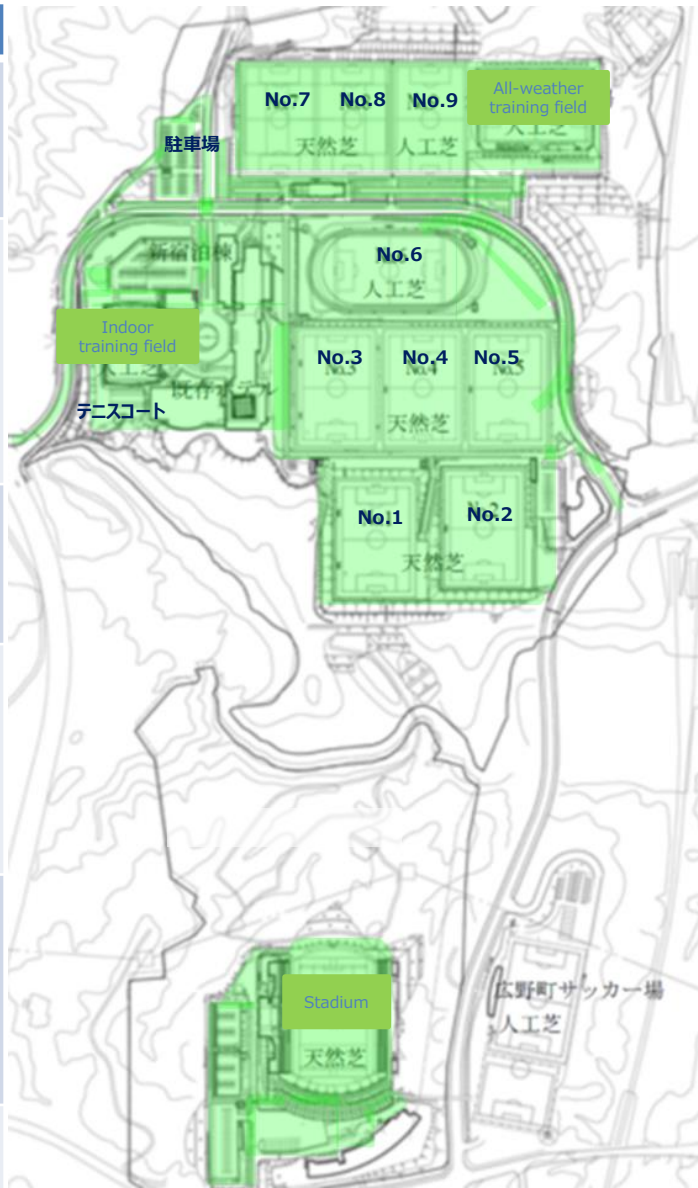
Relatively higher radiation level detected

Restoration work at J-Village and its surrounding areas

■ Restoration work

- TEPCO restituted J-Village after restoration work such as soil removal and asphalt repaving at its ground, football stadium field, and Naraha town-managed parking lot, as J-Village reopens its business.
- The restoration work follows the same procedure and achieves the same level of decontamination effects as general decontamination work.

Areas	Details
No. 1-2 fields	Removal and restoration of turf floor (depth: Approx. 60 cm) and drainage culvert, natural grass covering
No. 3-5, No. 7-8, football stadium fields	Removal of crushed stones*, removal and restoration of turf floor and drainage culvert, natural grass covering * Laid for use as a parking lot after the earthquake, Approx. 20 cm thick
No. 6 Indoor training field	Removal and restoration of artificial turf and asphalt pavement
No. 9 All-weather training field	Removal and leveling of turf floor and drainage culvert, asphalt pavement, artificial turf covering (construction of the building was ordered by Fukushima Prefecture)
Parking lot (Naraha town-managed parking lot)	Removal and restoration of asphalt pavement
Tennis court	Removed surface pavement and developed as a gravel-paved parking lot
Roads (town roads, in-site roads)	Removal and restoration of surface layer, repair of damaged areas



Areas where the restoration works have been implemented

[Reference] Air dose rate of J-Village and its surrounding areas

	Fields and stadium of J-Village (Date of measurement: Feb 6, 7)	Surrounding areas of J-Village *1 (Date of measurement: Feb 6, 7)
Number of measured areas	Fixed point monitoring *2 58	Walk monitoring *3 9,386
Air dose rate at 1 m above ground ($\mu\text{Sv/h}$)	0.04-0.07 (0.05) *4	0.03-0.43 (0.11) *4

*1 Surrounding areas of the field, stadium and other facilities of J-Village, as well as its neighboring roads and facilities

*2 Fixed point monitoring: Measurement of air dose rate at a height of 1 m above the ground using a NaI scintillation survey meter

*3 Walk monitoring: Measurement of air dose rate at a height of 1 m above the ground using walk monitoring system

*4 Minimum value - Maximum value (average)

* Reference: 3.8 $\mu\text{Sv/h}$: Standard of the air dose rate to lift the evacuation order (annual exposure dose is 20 mSv or less)

