

Biodegradable Drain Construction Records

CHIKAMI MILTEC INC.

Mail : sangyo@c-milec.co.jp

As of September 2021

No	Construction name	Orderer	Vertical Drain			Horizontal Drain		Construction Period	Remarks
			Pitch (m)	Length (m /number)	Total length (m)	Area (sqm)	Total length (m)		
1	2005 Ground Stabilization Work at the Landfill Site Outside the Central Breakwater (No.1)	Tokyo Metropolitan Wharf Authority	1.7	23	396,750	74,760	82,990	2005/12-2006/3	
2	2006 Ground Stabilization Work at the Landfill Site Outside the Central Breakwater (No.1)	Tokyo Metropolitan Wharf Authority	1.7	23	503,325	64,620	83,600	2006/9-2007/1	
3	Koshigaya Laketown District 2-2 Urban Area Outer Secondary Development and Other Works	Urban Renaissance Agency	1.7	28.5	42,380	-	-	2007/3-4	
4	Koshigaya Laketown District 3-1 Urban Area Outer Secondary Development and Other Works	Urban Renaissance Agency	1.7	28.5	499,826	8,564	9,807	2007/9-2008/5	
5	2007 Ground Stabilization Work in the Landfill Area Outside the Central Breakwater (No.1) (No.2)	Tokyo Metropolitan Wharf Authority	1.7	21.5, 22.5	1,343,850	178,100	210,920	2007/11-2008/3	
6	Road preparation and other works outside 82 blocks of Yoshikawa Ekiminami area	Urban Renaissance Agency	2.0	23.0	23,836	-	-	2007/12-2008/2	
7	Koshigaya Laketown District 3-1 Urban Area Outer Secondary Development and Other Works	Urban Renaissance Agency	1.7	28.5	55,000	-	4,000	2007/9-2008/5	
8	Koshigaya Laketown District 1-2 Urban Area Outer Secondary Development and Other Works	Urban Renaissance Agency	-	-	-	5,000	2,450	2008/10	
9	Road preparation and other works outside 82 blocks of Yoshikawa Ekiminami area	Urban Renaissance Agency	2.0	29.4	14,112	-	-	2008/10-11	succeed pile
10	Chiba Southeast District, 7-43rd Street Outer Zone, etc. Construction	Urban Renaissance Agency	1.5	11.0-14.0	56,000	10,600	11,000	2009/2-4	
11	Road preparation and other works outside the 114 block of Yoshikawa Ekiminami area	Urban Renaissance Agency	1.5	33.6	53,088	-	-	2009/4-5	
12	Urawa East 2nd District U-28 block outside of the ground works	Urban Renaissance Agency	1.0-1.3	20.35-33.45	661,037	-	-	2009/6-2010/3	
13	Iwatsuki Minami Shinwa Nishi District I-15 Street Area Outside Construction Work	Urban Renaissance Agency	1.0-2.0	20.8-34.0	815,303	-	9,200	2009/6-2010/3	
14	Koshigaya Laketown District 3-1 Urban Area Outer Secondary Development and Other Works	Urban Renaissance Agency	1.7	28.5	30,000	-	7,000	2009/7	
15	Urawa East No.2 District, Misono No.2 Road Outer Ground Improvement and Other Works	Urban Renaissance Agency	1.2	33.3	160,228	-	-	2009/9-10	
16	Urawa East District No.2 Miso No.3 Bridge (Substructure) Construction	Urban Renaissance Agency	0.8-1.0	15.5-25.4	25,000	-	-	2009/11	
17	Kanda Port New Matsuyama Area Ground Improvement Construction	Fukuoka Prefecture	1.6-1.8	3.2-15.9	42,750	-	-	2009/11	
18	Uruido District 2009 No. 1 Neighborhood Park Improvement Work	Urban Renaissance Agency	-	6.0-6.5	8,250	-	-	2009/12	
19	Terasaki Area 7 construction area and other land preparation work	Urban Renaissance Agency	-	14.0	138,000	16,000	16,000	2010/2-3	
20	Land preparation work in the Shinwa-Nishi District I-9 and other areas in the southern part of Iwatsuki	Urban Renaissance Agency	0.7-2.0	19.9-32.4	640,000	20,207	11,250	2010/4-10	
21	Urawa East District 2, U-19 Street and other land preparation work	Urban Renaissance Agency	0.9-2.0	9.0-33.9	1,300,380	56,064	40,350	2010/8-2011/2	One part of the dual-pipe system
22	Urawa East District 2, U-11 Street and other land preparation work	Urban Renaissance Agency	-	15.0-32.0	750,000	-	22,000	2010/12-2011/8	
23	Koshigaya Laketown District 6-1 Construction Area, Secondary Development, etc.	Urban Renaissance Agency	-	-	-	12,000	10,600	2011/7-2012/4	Horizontal only
24	Urawa East District 2, U-86 Street and other land preparation work	Urban Renaissance Agency	0.9-1.0	25.0-30.0	217,000	9,900	-	2011/10-2012/3	Geodrain SPD method
25	Land preparation work in the Shinwa-Nishi District I-5 and other areas in the southern part of Iwatsuki	Urban Renaissance Agency	0.9-1.8	21.0-33.0	442,000	16,100	9,100	2011/8-2012/2	
26	Omiya West District West-2-2 Construction Area and Other Improvement Work	Urban Renaissance Agency	-	-	-	-	3,100	2011/11	Horizontal only
27	Fukuoka 201 Inokuma area ground improvement, etc. (1st construction section)	Kitakyushu National Highway Office	-	-	13,000	-	-	2012/3	
28	Naruse No.2 District 3 Construction Area Outer Secondary Development and Other Works	Urban Renaissance Agency	0.65-0.8	10.8-14.4	77,900	3,600	4,000	2012/2-3	

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29	Koshigaya Laketown District 5-5 Construction Area, Secondary Development, etc.	Urban Renaissance Agency	0.8-1.9	29.0-33.0	755,000	71,200	42,000	2012/5-10	additional installation
30	Clearing and other works in the southern part of Shisui District 1	Urban Renaissance Agency	-	-	8,250	-	-	2012/5	
31	Land preparation work in the Shinwa-Nishi District I-13 and other areas in the southern part of Iwatsuki	Urban Renaissance Agency	0.8-1.8	21.0-28.0	178,000	7,300	4,700	2012/6-11	
32	Sakura Terasaki District, Construction Work for Building Lots Outside the 6th Construction Area	Urban Renaissance Agency	1.0-1.2	12.5-18.0	371,000	28,400	20,000	2012/6-	additional installation
33	Omiya construction works	Civilian	1.3	-	140,000	-	10,000	2012/9-12	
34	Urawa East District No.2, Urawa-Iwatsuki line and other road works	Urban Renaissance Agency	1.0-1.1	20.0-28.0	175,000	-	6,000	2012/12-	Geodrain SPD method
35	Kanda Port New Matsuyama Area Land Creation (Ground Improvement) Work (H24-3 Work Area)	Fukuoka Prefecture	-	-	200,000	-	-	2012/8-9	
36	Fukuoka 201 Niitsu Area Ground Improvement (Construction Section 2)	Kitakyushu National Highway Office	0.6	5.0-11.5	40,000	-	-	2012/10-11	
37	Fukuoka No.201 Ground Improvement Work in Imakoga District	Kitakyushu National Highway Office	0.8	8.0-9.0	38,000	-	-	2012/10	
38	Shiotsu Bypass Sabanayko Area Road Improvement Project	Shiga National Highway Office	1.5	13.5-15.5	20,000	-	-	2012/10	
39	Ebina Station West Exit Land Readjustment Project	Civilian	-	-	291,000	-	26,300	2013/6-2014/2	Geodrain SPD method
40	Nagareyama New Urban Area B57 Street and other land preparation work	Urban Renaissance Agency	1.0-1.5	5.0-9.0	120,000	-	-	2013/6-2014/2	
41	Urawa East District 2, Urawa U-38 Street and other land preparation work, and three other projects	Urban Renaissance Agency	0.9-1.1	20.0-25.0	360,000	12,600	7,700	2013/9-2014/3	Geodrain SPD method
42	Mizusaki River Improvement (Drainage Pumping Station Development) Construction	Fukuoka City	1.0	-	57,000	-	-	2014/2-3	
43	Urawa East District 2, Urawa U-42 Street and other land preparation and other works	Urban Renaissance Agency	1.0	-	283,900	-	6,700	2014/3-2015/1	Geodrain SPD method
44	Land preparation work in the Orikasa and Yamada areas in 2012	Urban Renaissance Agency	1.0	11.0	55,000	-	-	2014/6-2015/3	
45	Kesennuma City Earthquake Reconstruction Project	Urban Renaissance Agency	1.5-2.0	15.0-30.5	1,207,420	-	-	2014/11-	
46	Omiya Western District West-2-3 Construction Area and Other Improvement Work	Urban Renaissance Agency	2.0	3.0-17.0	305,250	-	16,900	2014/11-2015/5	
47	Road Improvement Work on Shikakoji Hosono Route (Part 2)	Ibaraki Prefecture	-	-	12,000	-	-	2014/11	
48	2014 Ground Stabilization Work at the Landfill Site Outside the Central Breakwater	Tokyo Metropolitan Wharf Co.	1.7	21.5	536,694	68,100	73,000	2014/12-2015/3	
49	Kesennuma City Disaster Prevention Group Relocation Project	Kesennuma City	1.5	13.0-25.0	120,000	-	-	2015/2-4,2016/2	
50	Land preparation work in the Shinwa-Nishi District I-86 and other areas in the southern part of Iwatsuki	Urban Renaissance Agency	1.7-2.0	31.8	313,750	1,179	7,500	2015/2-4	
51	Support Road Improvement No. 26-03-690-0-003 Road Improvement (Part 2)	Ibaraki Prefecture	2.0	11.6	11,070	-	-	2015/5	
52	Iwaki City Earthquake Reconstruction Project: Toyoma and Usuiso Area Development Work	Urban Renaissance Agency	1.5	16.0-20.0	146,733	-	-	2015/6- 2016/3	
53	Kesennuma City Uomachi and Minamimachi Urban Area Reconstruction and Land Readjustment Project	Kesennuma City	2.0	10.4-15	152,299	-	-	2015/7-8	
54	Isehara City East No. 2 Land Readjustment Project	Civilian	1.5-2.0	9.5-15.8	463,500	105,769	39,800	2015/11-2016/4,6, 2017/2-6	
55	Hiratsuka City Planning Project, Twin City Ogami Area Land Readjustment Project	Civilian	2.0	8.0-13.0	217,600	-	104,300	2016/1,7,2017/6, 2017/12,2018/5,7,12, 2019/5,2019/10	Geodrain SPD method
56	Omiya western district, Oyaba-Takagi line and other road maintenance work and 2 other projects	Urban Renaissance Agency	1.3-1.5	5.5-15.0	35,000	9,136	-	2016/4-5	

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57	Ground improvement work associated with the development of the Toyoma area Kitagawa Plateau, etc.	Urban Renaissance Agency	0.7	6.1-11.3	54,000	-	-	2016/4-5	
58	Omiya Western District 62nd Street and Other Improvement Work	Urban Renaissance Agency	1.3	16.7	34,000	3,253	2,100	2016/6	
59	2013 Yamada area land preparation work	Urban Renaissance Agency	1.5	4.5-6.0	57,000	-	-	2016/7,8,10, 2017/3	
60	Higashi-Kyushu Expressway Kunitomi Smart Interchange Construction	West Japan Expressway Co.	1.5	8-30.5	266,000	-	12,500	2016/8-12, 2017/4-6, 2018/4	
61	Omiya West Tsukihigashi-1-2 construction area and other sewer maintenance work	Urban Renaissance Agency	-	-	12,500	-	300	2016/12	
62	2013 Yamada District Land Clearing Plastic Board Drain Improvement Work (Block H)	Urban Renaissance Agency	-	-	45,000	-	-	2017/5,6	
63	Canal reclamation work in connection with the new construction of the Shinsuna 2 and 3 Chome Project (tentative name)	Civilian	1.5	31.5-33	79,250	-	3,200	2017/11, 2018/2	
64	Development of Disaster Prevention Support Base in Miyazaki City, Construction Section 2	Miyazaki City	-	3.9	7,500	-	-	2017/12	
65	Port construction (Tamashima land development and urban) Soft ground countermeasure work	Okayama Prefecture	1.1-1.5	24.5-24.8	126,000	-	-	2017/11,12	
66	Development of Disaster Prevention Support Base in Miyazaki City, Construction Section 1	Miyazaki City	-	12.6	30,000	-	-	2018/6	
67	Uomachi and Minamimachi Area Land Readjustment Project: Morito Development and Other Works	Kesenuma City	-	15.6	9,000	-	-	2018/9	
68	San'aikai General Hospital Development Plan Infrastructure Construction	Civilian	-	-	67,250	-	-	2018/10	
69	Kawamukomachi South Arable District Land Readjustment Project	Civilian	1.1-2.0	-	1,314,000	-	64,300	2018/11-2019/11, 2020/3.11-2021/1	
70	Construction of the land readjustment project for the area around the Joso IC	Civilian	-	-	-	-	4,100	2019/4	
71	Construction of Chugai Life Science Park Yokohama	Civilian	1.0-1.5	11.0-13.0	319,500	33,800	9,950	2019/8-11	Geodrain SPD method
72	Nakagusuku Port (Awase Area) Harbor Road Ground Improvement Work (H30-1)	Okinawa Prefecture	2.0	21.3-29.6	86,000	-	-	2019/7-8	
73	Construction of the Kouga North District Industrial Park	Civilian	2.0-2.4	5.0-7.0	21,250	10,700	11,200	2019/9-11	
74	Construction work for the fall of the Kokonoe Bridge in connection with the new construction of the Shinsuna 2-3-chome Project (tentative name)	Civilian	-	-	30,000	-	800	2019/10	
75	Miyashiro Wado Yokomachi Area Land Readjustment Project Construction	Civilian	1.2-2.3	8.0	360,750	-	28,100	2020/2-7,10, 2021/1	
76	Yoshitomi area development and construction	Civilian	-	-	-	-	15,500	2020/6-8	Horizontal only
77	Kanda Port New Matsuyama Area Land Creation (Ground Improvement) Project (R1-9 Area)	Fukuoka Prefecture	1.2	9.5-19.0	648,000	-	-	2020/6-11	
78	2020 Nagoya Port No.3 Port Island Volume Reduction Project	Chubu Regional Development Bureau	-	-	344,000	-	-	2020/12-2021/1	
79	Block 1-6 A Ground improvement construction	Toride City	0.8	13.1	18,500	832	950	2021/4	
80	Yoshikawa Miminami Station East Exit Area Embankment Construction (No. 11)	Yoshikawa City	2.0	25.9	200,000			2021/6-7	
81	2020 Ground Improvement Work at Gokasagawa Tenka Area	Nobeoka Office of Rivers and National Highways	1.1-1.8	16.5-23.3	117,000		7,025	2021/6-8	
82	(Tentative name) Construction of soil disposal site in Mito area, Miura City	Civilian	1.0	10.0	60,000		9,000	2021/7-8	
	計				19,228,980		1,071,292		