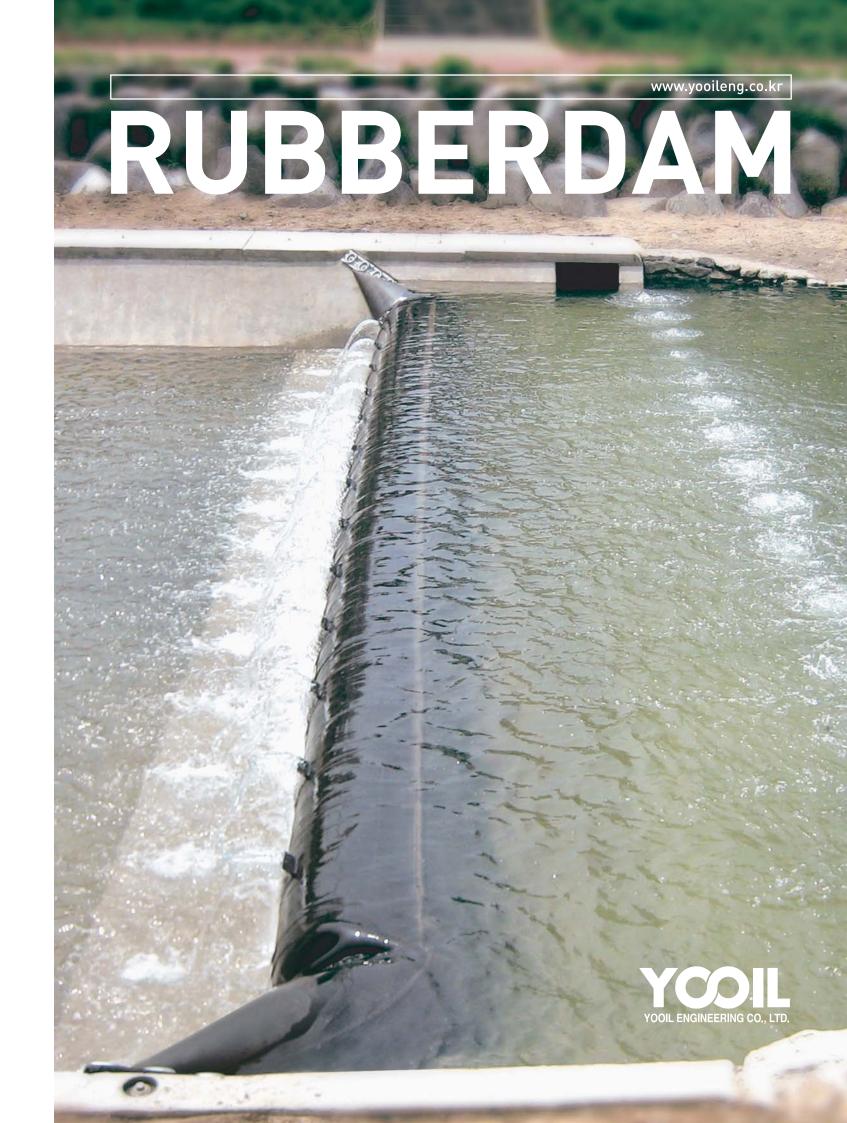
RUBBER DAM LIGHTING

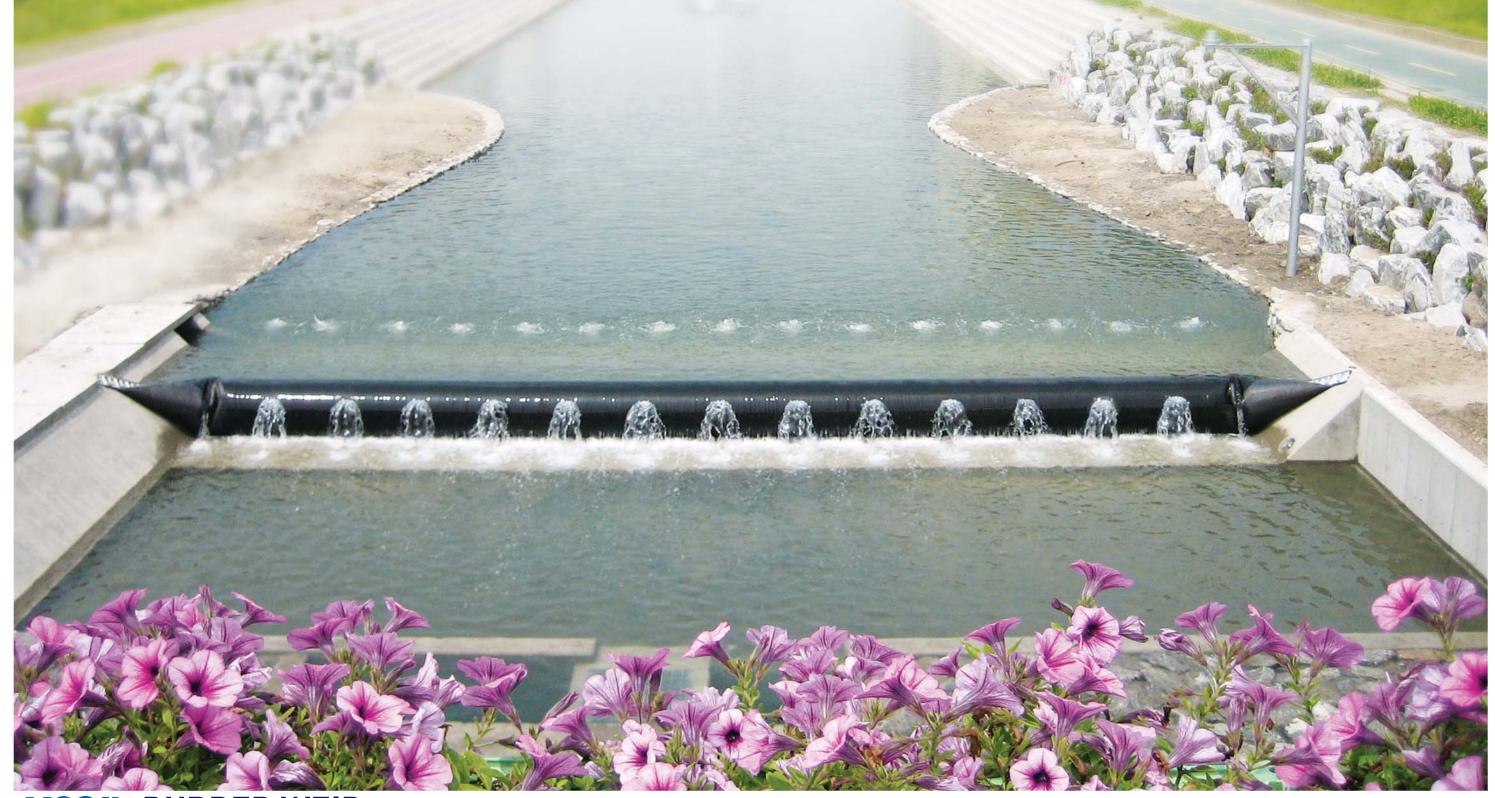






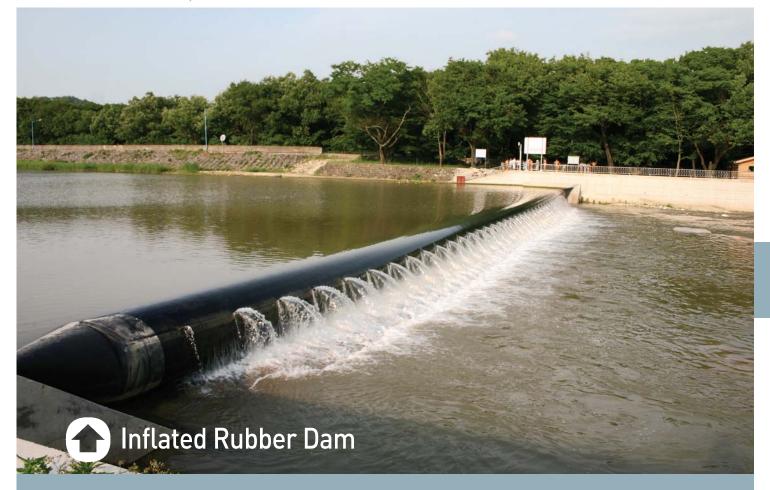
#824 Unitech-Vill, 1141-2 Baekseok-Dong, Ilsandong-Gu, Goyang-Si, Gyeonggi-Do, Republic of Korea 410-722 TEL: +82-31-973-2394 FAX: +82-31-973-2399 E-mail: yooileng@yooileng.co.kr



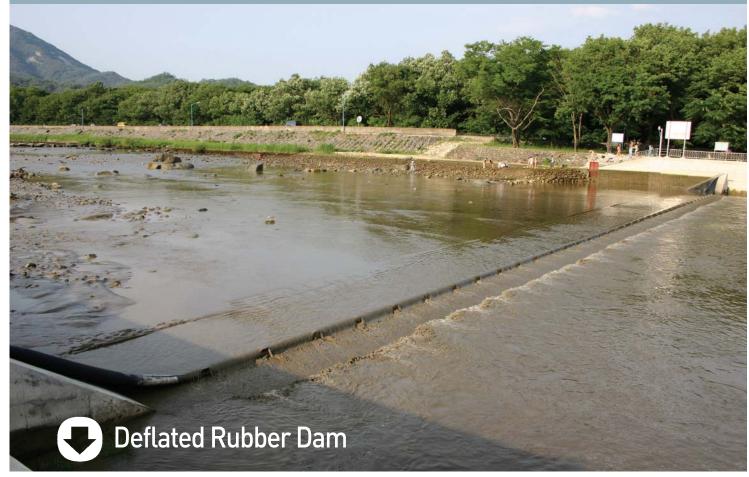


YCOIL RUBBER WEIR: Verified and improved Most flexible technology for water control





Safe, Quick, and Simple





Longer Span Without Piers or Abutment : Rubber dam can be installed without a Mid-structure up to 150m(500ft) in length.



Variable side slopeRubber dam can be installed in rivers with any side slope angle up to 90° degree vertical.



No dredging needed
Rubber dam eliminates the sediment and piled soil in both up stream and down stream when deflated



Easy and low Maintenance cost.

Small punctured holes are easily repaired like a cartire!
In case of larger holes, simply patch up!
Now, the abrasion indicator inside of rubber sheet is available for early warning system.



YOOIL ENGINEERING CO., LTD www.yooileng.co.kr

Ultra sonic Water Level Sensor Deflation Valve Inflation Valve Air Supplier (Blower) Air Supply & Exhaust Pipeline

Safe and User Friendly Operation

Operate the air supplier in the operation room with fully automatic, semi-automatic or manual to supply the rubber dam with air up to the specified or desired pressure and height. The Ultra sonic sensor is used for detecting inflation and deflation water level.

The system will open the exhaust valve by either the flood level or your necessity to discharge the air inside of the rubberdam.

When the air is fully exhausted, the rubber dam adheres closely to the bottorm of a river thus, maximizing the water discharge within the area.







Manometer (Digital & Analog pressure gauge)



Inflation Valve Deflation Valve

Control House







Wood Finish



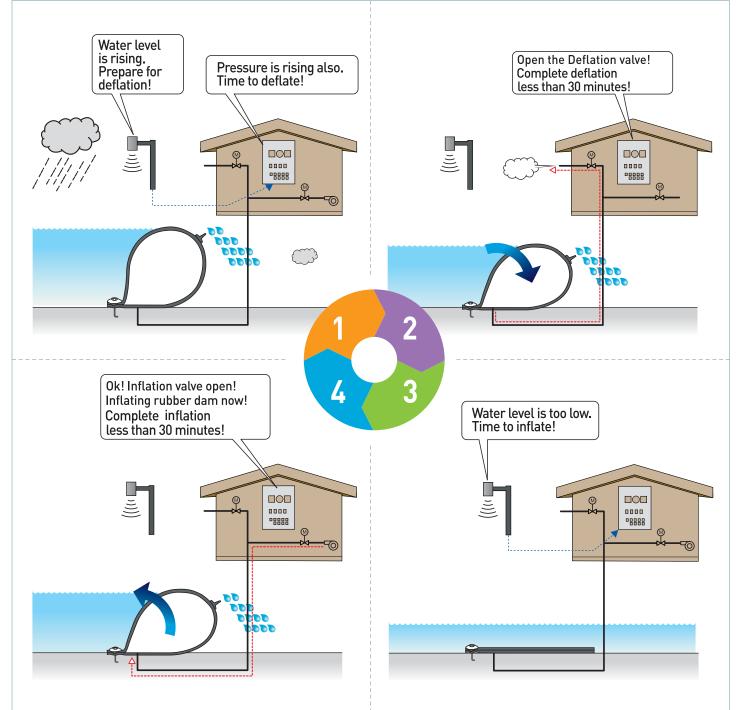
Wood Finish

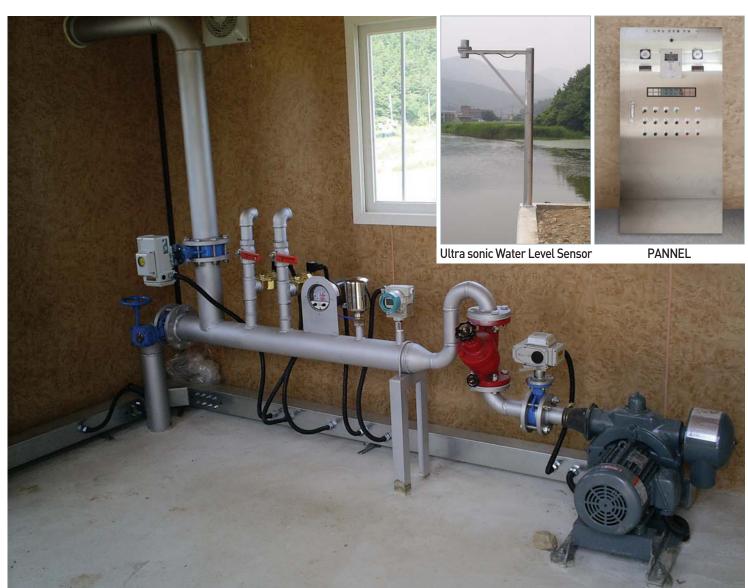


Brick and concrete

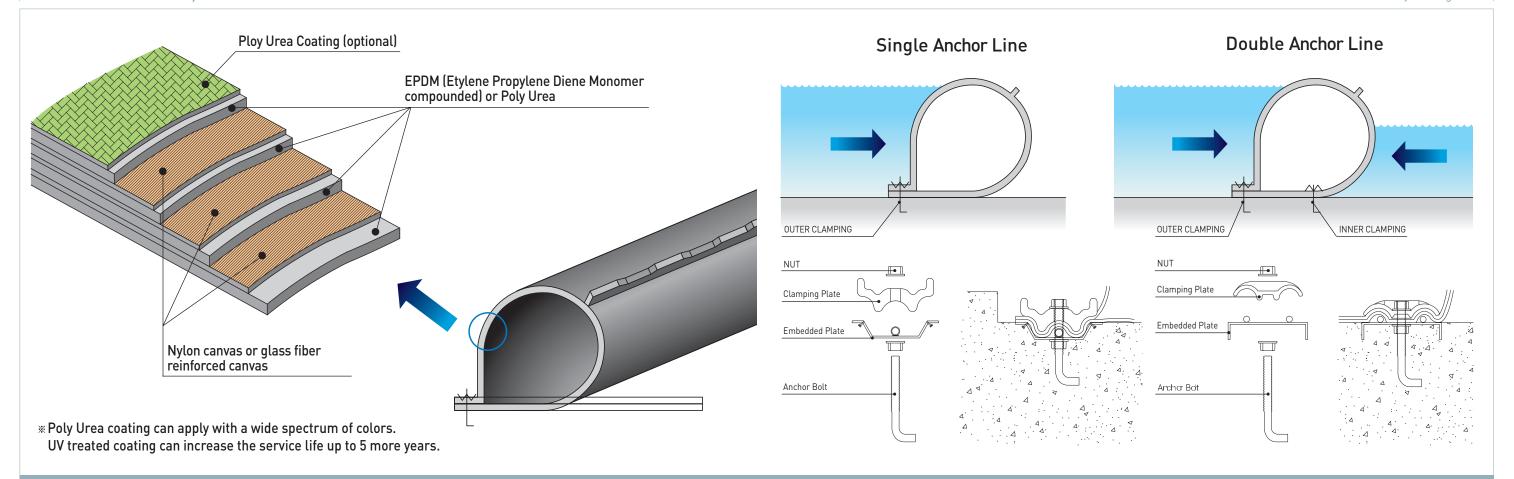


Custom made



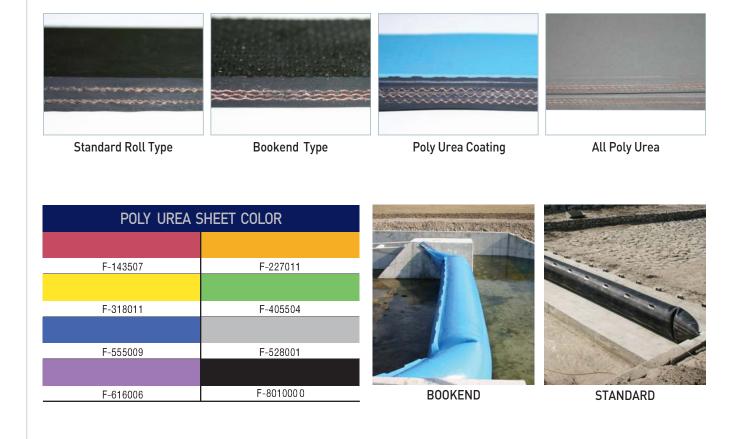


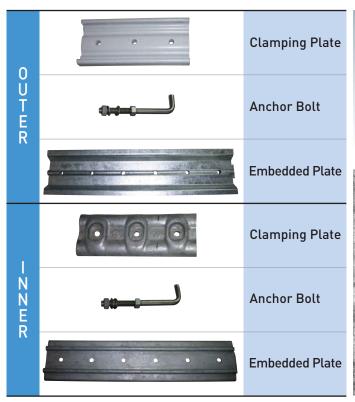
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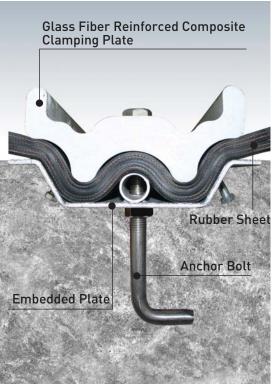


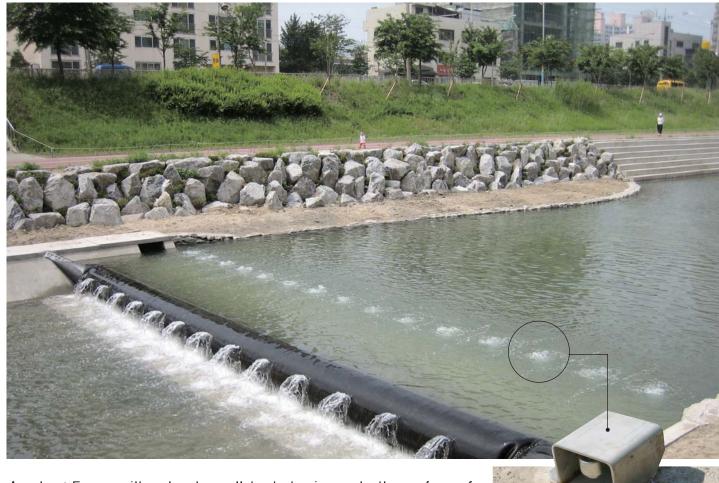
Rubber and Poly urea sheet specification

Fixing and Anchoring: Ensure 100% air and water tightness



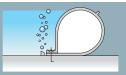






Areator: Forces silt and water pollutants to rise up to the surface of river, thus overflow them with over topping water when rubber dam is inflated.





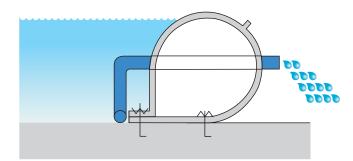
Aerator (Aeration Equipment)

Remote Control & CCTV System









Sediment Discharge System: Install water intake pipes on the river bottom at short intervals to vacuum in the sediments and water pollutants with bottom water by using its own water pressure.







Remote Control System

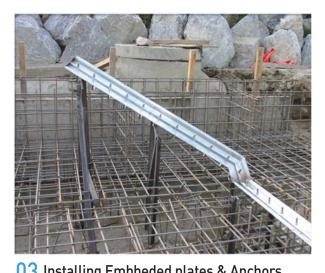


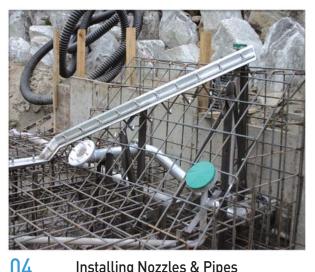
Integrated Monitoring System

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01 **Before Construction**

02 Installing Foundation

03 Installing Embbeded plates & Anchors

04 Installing Nozzles & Pipes









Unrolling the rubber body 06

Setting Clamping plates and Tightening Anchor bolts









Inflation test and Completion

History of Performance

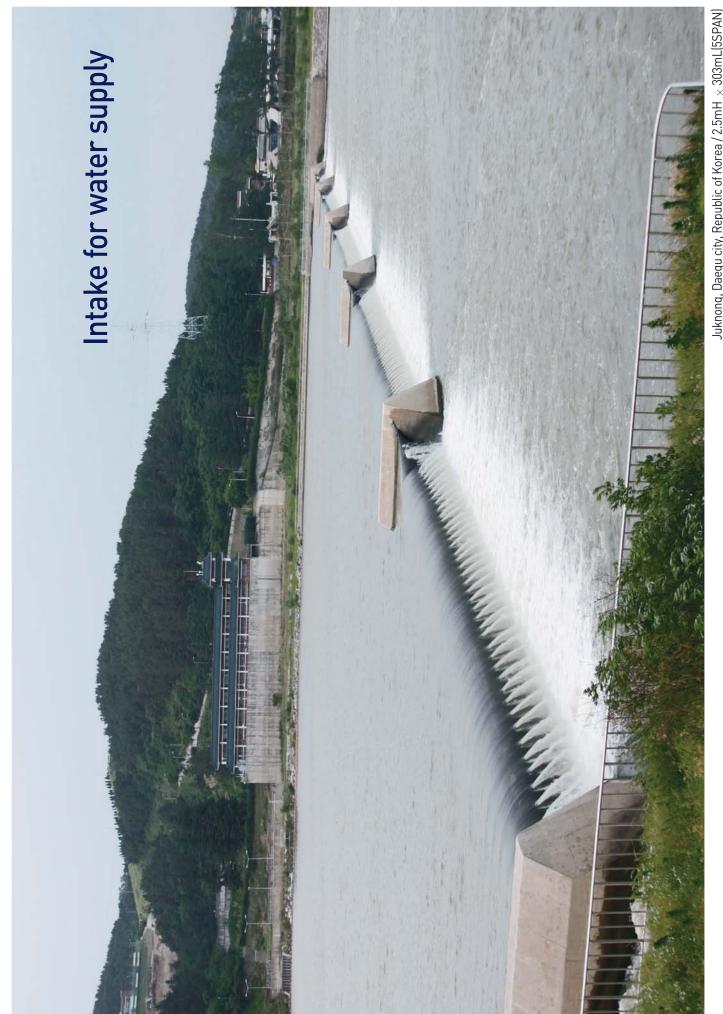


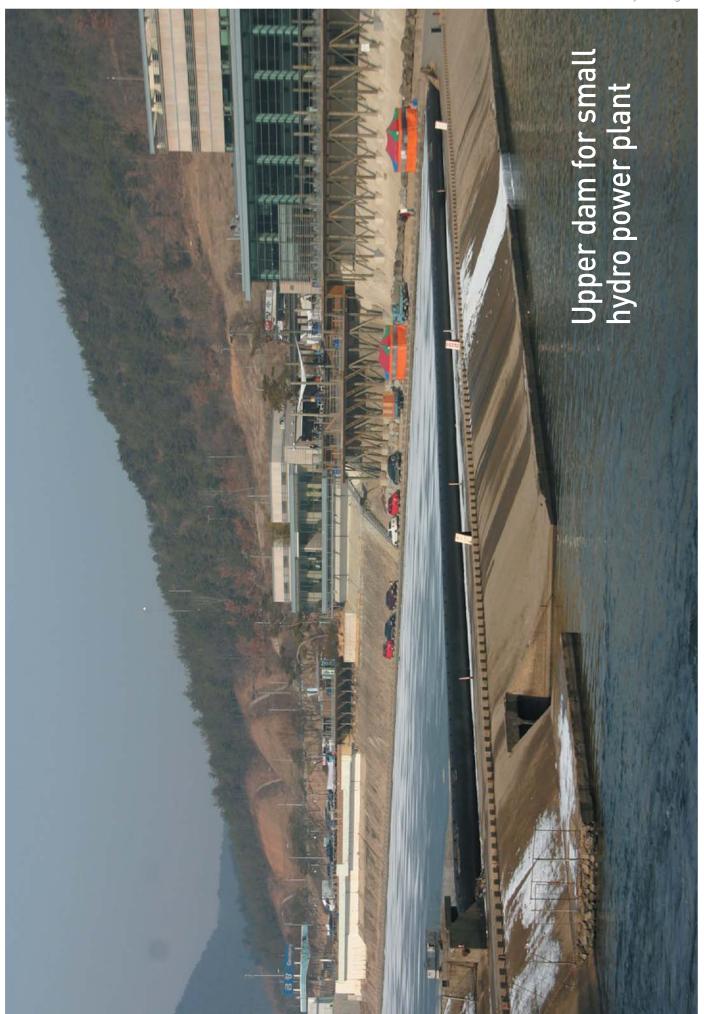
ex	Area : Completion: Standard : H × L	35	South river, Jinju City, Kyongsang-namdo,Republic of Korea 1997 -01
01	Taedok research institute, Dæjeon city, Republic of Korea 1988 - 05 1,0mH × 30mL	36	MirYang #1river, MirYang city, Kyongsang-namdo, Pepublic of Korea 1,5mH × 150mL(3SPAN)
02	Kumgang,Okcheon county, Chungcheongbuk-do,Republic of Korea 1988 - 01 1,0mH × 100mL	37	Yangjæ#1 riv er, Seoul city, Republic of Korea 1997 -03 0,99mH × 23mL
03	Geumhogang, Dægu city, Republic of Korea 1988 - 11 1,6mH × 30mL	38	Towol river ,Changwon City,Kyongsang-namdo,Republic of Korea 1997 -03 1,12mH × 13,1mL
04	Sn#7 river, Daegucity, Republic of Korea 1988 -12 1.8mH × 60mL	39	Gaeumjeong river,Changwon City,Kyorgsang-namdo,Pepublic of Korea 1997 -03 0.75mH × 10.1mL
05	Sn#6 river, Daegucity, Republic of Korea 1988 - 12 2.0mH × 60mL	40	Hakui river , Anyang city, Gyeonggi-do, Republic of Korea 1997 -03 0.72mH × 15mL
06	Anyang river, Anyang city, Gyeonggi-do, Republic of Karea 1989 - 12 15mH × 50mL	41	Cheongmi river,Icheon city, Gyeorggi-do Republic of Korea 1997 -03 1.5mH × 60mL
07	Incheon reservoir, Incheon city, Pepublic of Korea 1990 - 07 2.0mH × 28mL	42	Seongsanbo, Dadeon-city, Republic of Korea 1997 -04 0.8mH × 96mL
08	Sn#8river, Daegu-si, Pepublic of Korea 1990 - 09 2,2mH × 50mL	43	Yudeung river, Daejeon-dity,Republic of Korea 1998 - 01 1,2mH × 76mL
09	Tan#1 river, Seongnam city, Gyeonggi-do, Pepublic of Korea 1991 - 08 1.5mH × 50mL	44	Banpo reservoir , Seoul-city, Republic of Korea 1998 - 08 1 5mH × 9mL
10	Sanggung reservoir Boun county, Chungcheongbuk-do, Republic of Korea. 1991 - 12 0.8mH × 70,7mL	45	Banpo reservoir, Seoul-city, Republic of Korea 1998 -08 1,4mH × 13,5mL
11	Gapcheon Daejeon-si, Republic of Korea 1992 - 01 1.0mH × 100mL	46	Banpo reservoir, Seoul-city, Republic of Korea 1998 -08 1,2mH × 28mL
12	Woncheon river, Suwon City, Gyeonggi-do, Pepublic of Korea 1992 -04 1,5mH × 38mL	47	Jaedeok river, Jinhae City, Kyongsang-namdo, Pepublic of Korea 1999 - 02 0,8mH × 12mL
13	Bokhariver,kcheon city, Gyeonggi-do Republic of Korea 1992 - 05 2,2mH × 80mL	48	Dorong river,NamyangjuCity Gyeonggi-do,Republic of Korea 1999 -04 0,6mH × 6mL
14	Seomjingarg, Jeongeup City,Chollabuk-do, Republic of Korea 1992 - 06 2,3mH × 50mL	49	sinriver, Dægu aty, Pepublic of Korea 1999 -07 1,0mH × 62mL(2SPAN)
15	Mukhyeon#1 river,NamyangʻuCity Gyeonggʻdo,Republic of Korea 1992 - 07 1,0mH × 13mL	50	sinriver, Dægu aty, Pepublic of Korea 1999 -07 1,0mH × 34mL
16	Mukhyeon#2 river,NamyangʻuCity Gyeonggi-do,Republic of Korea 1992 - 07 1,0mH × 17mL	51	Donghwa river,Hwaseong aty, Gyeonggi-do Republic of Korea 1999 -09 2,3mH × 29,65mL
17	Jeongeup river, Jeongeup Aty,Chollabuk-do, Republic of Korea 1992 - 07 1,5mH × 30mL	52	Songu river,Pocheon city, Gyeonggi-do Republic of Korea 1999 -11 0,6mH × 4,2mL
18	Tan#2 river, Seongnam city, Gyeonggi-do, Pepublic of Korea 1992 - 08 1,5mH × 60mL	53	Juknong, Dægu city, Pepublic of Korea 2000 -11
19	Gapcheon Daejeon city, Republic of Korea 1992 - 09	54	Anyang rivrer,Uiwang city,Gyeonggi-do Republic of Korea 2001 -04 1,0mH × 20mL
20	Woncheon#2 river, Suwon City, Gyeonggi-do, Republic of Korea 1992 - 12 1,5mH × 38mL	55	Seochon river,Yeongju City ,Kyongsang-bukdo,Republic of Korea 2001 -06 1,0mH × 67mL
21	Sucheongbo Daejeon city, Republic of Korea 1993 -04 0,8mH × 20,0mL	56	Sanbon river, Gunposi Gyeonggi-do,Republic of Korea 2001 -05 1,0mH × 12mL(2SPAN)
22	Sinriver, Dongducheon city, Gyeonggi-do,Republic of Korea 1993 - 06 1.5mH × 80mL	57	Chorjuriver,Chonju-city, Jeollabuk-do,Republic of Korea 2001 -06 1,5mH × 32mL
23	Tan#3 river, Seongnam city, Gyeonggi-do, Pepublic of Korea 1993 - 06 1.5mH × 50mL	58	Jochoncheon river ,Chonju-city , Jeollabuk-do,Republic of Korea 2001 -03 0,7mH × 4mL
24	Tan#4 river, Seongnam city, Gyeonggi-do, Republic of Korea 1993 - 06 1,5mH × 60mL	59	Yongdeok river,Gimhae dity ,Kyongsang-namdo Republic of Korea 2001 -07
25	Tan#5 river, Seongnam city, Gyeonggi-do, Pepublic of Korea 1993 - 06 1,5mH × 50mL	60	Dalseo river, Dægu-city Republic of Korea 2001 - 07 1,0mH × 19,9mL
26	Yo #1river, Namwon city, Chollabuk-do, Republic of Korea 1993 - 12 1,2mH × 130mL	61	Changwon river, Changwon city Kyongsang-namdo, Pepublic of Korea 2002 -03 0,8mH × 14,25mL
27	Yo #2river, Namwon city, Chollabuk-do, Republic of Korea 1995 - 06 1,2mH × 120mL	62	Changwon river, Changwon city Kyongsang-namdo, Pepublic of Korea 2002 -03 0,8mH × 15,19mL
28	Wangsuk#1 river,NamyargjuCity Gyeonggi-do,Republic of Korea 1,5mH × 70mL	63	Namriver, Jindo-gun Jeollanam-do, Republic of Korea 2001 -03 0,8mH × 8mL
29	Wangsuk#2 river,NamyargjuCity Gyeonggi-do,Republic of Korea 1996 - 04 1,5mH × 60mL	64	Incheon bridge landfl, Incheon city, Republic of Korea 2002 - 05 2,5mH × 41,32mL
30	Tan#6 river, Seongnam city, Gyeonggi-do, Pepublic of Korea 1996 - 05 1,5mH $ imes$ 60mL	65	Gongdan river, Daegu-city, Republic of Korea 2002 -06 1,0mH $ imes$ 10mL
31	Nakdonggang andong city, Gyeongsangbuk-do, Pepublic of Korea 1996 - 07 1,5mH × 400mL(5SPAN)	66	Beomeo river, Dægu-city, Republic of Korea 2002 - 06 0,9mH × 37,6mL
32	Sn#7-1 river, Daegu dity, Republic of Karea 1996 - 02 1,5mH × 37,8mL	67	Gulpo river , hcheon aty, Republic of Korea 2002 -06 1,5mH × 97mL(2SPAN)
33	Sr#7-2 river, Daegu dity, Republic of Korea 1996 - 02 1,5mH × 37,8mL	68	Anyang river, Anyang city, Gyeonggi-do, Republic of Korea 2002 -08 1,3mH × 18mL
34	Sin#3-1 river, Daegu city, Republic of Korea 1996 -02 0,5mH × 59mL	69	Mangwon reservoir, Seoul-si, Pepublic of Korea 2002 -11 1,0mH × 35mL

70	Mangwon reservoir, Seoul-si, Pepublic of Korea 2002 -11 1,8mH × 9,6mL	105	Dalseong, Daegu-city, Republic of Korea 2006 -11 1.0mH × 14.6mL
71	Mangwon reservoir, Seoul-si, Pepublic of Korea 2002 -11 2,0mH × 10mL	106	Unsan dam#2, Unsan river, Buan-gun, Chdlabuk-do, Republic of Korea 2006 -12 1,5mH × 12,0mL
72	Mangwon reservoir, Seoul-si, Pepublic of Korea 2002 -11 2,0mH × 17,5mL	107	Duggyeriver, Daejeon-dty, Chungcheongram-do, Republic of Korea 2006 - 12 1.0mH × 49.3mL
73	Gimhae city Sineocheon,Kyongsang-namdo Pepublic of Korea 2002 -11 0,5mH × 13,4mL	108	Duggyeriver, Daejeon-city, Chungcheongnam-do, Republic of Korea 2006 - 12 2.0mH × 48.4mL
74	Yeoju city, Jajeongjigu GyeurgGi-do, Republic of Korea 2002 -12 2,0mH × 40mL	109	Janggye river, Jangsu-gun, Chollabuk-do, Republic of Korea 2006 - 12 0,9mH × 22,6mL
75	Gapcheon Daejeon-city, Republic of Korea 2002 - 12 1,0mH × 168,8mL	110	Mangbong river, Naju-city, Chollanam-do, Republic of Korea 2006 -12 0,5mH × 33,5mL
76	Banjeong river, Hwaseorg-city, Gyeung Gi-do, Republic of Korea 2003 - 02 1,5mH × 31mL	111	Unmun, Chungdo-city, Gyeongsangnam-do, Republic of Korea 2006 - 12 0,8mH × 28,3mL
77	Anyang river, Gunpo-city, GyeungGi-do, Republic of Korea 2003 - 03	112	Yoosan river, Yangsan-ciyt Gyeongsangnam-do, Republic of Korea 2007 -02 2.0mH × 19.4mL
78	Gapcheon Daejeon-city, Republic of Korea 2003 - 04 1,0mH × 140mL(2SPAN)	113	Yougu river, Gongju-city, Gyeongsangnam-do, Republic of Korea 2007 -07 1,0mH × 43,8mL
79	Dæmyung river, Dægu-city, Republic of Korea 2003 - 05 2,0mH × 25,2mL	114	Dægok-danmokdam, Jrju-city, Gyeongsargnam-do, Republic of Korea 2007 -07 1.0mH × 60.0mL × 2sp
80	Yangjæ#2 river, Seoul-city, Republic of Korea 2003 - 05 1,0mH × 14,3mL	115	Rigaosi of Philippines 2007 -07 2,0mH × 31,6mL
81	Wiriver#1, Hamyang-gun, Gyeorgsangbuk-do, Republic of Korea 2003 - 06 1,5mH × 59,7mL	116	Rigaosi of Philippines 2007 -07 2,0mH × 50,0mL
82	Namdae river, muju-gun, Chollabuk-do, Republic of Korea 2003 -08 1,2mH × 100mL(2SPAN)	117	Hwang river, Hapchon-gun, Gyeongsangnam-do, Republic of Korea 2007 -08 2,0mH×51,4mL×3span / 2,2mH×24,2mL×1span
83	Gyeungan river, Gwangju-city, GyeungGi-do, Republic of Korea 2003 - 10 1,0mH × 140mL(2SPAN)	118	Hwaong#3, Hwaseorg-city, GyeungGi-do, Republic of Korea 2007 -12 1,9mH × 59,6mL
84	Tamiin river, Jangheung-gun, Chollanam-do, Republic of Korea 2003 - 11 1,3mH × 112mL(2SPAN)	119	Shwa, Hwaseong-city, GyeungGi-do, Republic of Korea 2007 -12 0,8mH × 32,0mL
85	Tamjin river, Gangjin-gun, Chdlanam-do, Republic of Korea 2003 -12 1,5mH × 171mL(3SPAN)	120	Shwa, Hwaseong-city, GyeungGi-do, Republic of Korea 2007 -12 0,8mH × 9,0mL
86	stor m-water pumping station, Incheon city, Republic of Korea 2004 - 06 3 , 0 mH $ imes$ 46 , 5 mL	121	Shwa, Hwaseong-city, GyeungGi-do, Republic of Korea 2007 -12 0,7mH × 23,3mL
87	Gyori dam, Yangsan-city, Gyeongsangnam-do, Republic of Korea 2004 - 06 1,6mH × 78,4mL	122	Shwa, Hwaseong-city, GyeungGi-do, Republic of Korea 2007 -12 0,8mH × 12,0mL
88	Sanggye river, Yangsan-city, Gyeongsangnam-do, Pepublic of Korea 2004 - 07 1,5mH × 127mL(3SPAN)	123	Song lim river, Buan-gun, Chollabuk-do, Republic of Korea 2007 -12 1,5mH × 7,6mL
89	Miry ang riv er#2 Miry ang-city, Gyeongsangnam-do, Republic of Korea 2004 -10 3.0mH× 16.5mL+2.5mH×224mL(5SPAN)	124	Pocheon river, Pocheon city, Gyeonggi-do Republic of Korea 2007 -12 1,5mH × 37,8mL × 2SP
90	Anyang river, Gunpo-city, GyeungGi-do, Republic of Korea 2004 -10	125	Hyo-chon river,Yangju City Gyeonggi-do,Republic of Korea 2008 -4 1,5mH × 19,04mL
91	Yangsan dam, Hwangguji river, Hwaseong-city, GyeungGi-do, Republic of Korea 2004 - 12 1,5mH × 107,5mL(2SPAN)	126	Gulpoch, Incheon city ,Pepublic of Korea 2008 -4 1,0mH × 22,815mL × 2SP
92	Orimdam, dong river, Ulsan-city, Gyeongsangnam-do, Republic of Korea 2005 -03 1,0mH × 41,40mL	127	Chulung, Suchang-gun, Chollabuk-do, Republic of Korea 2008 -4 1,0mH × 27,2mL × 2SP
93	Wi river#2, Hamyang-gun, Gyeongsangbuk-do, Republic of Korea 2005 -07 1,0mH × 40,0mL	128	Chulung, Suchang-gun, Chollabuk-do, Republic of Korea 2008 -4 1.0mH × 29.8mL × 2SP
94	Yudeung river, Daejeon-city, Republic of Korea 2005 -09 1.0mH $ imes$ 71.80mL	129	Sang u-water pumping station ,Sangju City ,Kyongsang-bukdo,Republic of Korea 2008 -4 2,0mH × 10,0mL
95	Doduck dam#2, Doduckriver, Buan-gun, Chollabuk-do, Republic of Korea 2006 -04 1,1mH × 15,0mL	130	So-Yangriver, Jeonbuk, Republic of Korea 2008 -12 1,5mH × 58,86mL
96	Unsan dam#1, Unsan river, Buan-gun, Chdlabuk-do, Republic of Korea 2006 -04 1,5mH × 15,0mL	131	Chang Pyeong Dam, Iksan, Republic of Korea 2008 -12 2,0mH × 35,80mL
97	Busan dam, Jargheung-gun, Chollaram-do, Republic of Korea 2006 -06 1.3mH × 77.3mL(2SPAN)	132	Ha-Dang Drainage Pump Station, Mokpo, Republic of Korea 2009 -7 1,5mH × 40,0mL
98	Bulgwang river, Seoul-city, Republic of Korea 2006 - 07 0,8mH × 16,0mL	133	Nakdong River, An Dong City, Republic of Korea Expected in 2009 2,0mH × 67,9mL × 4span
99	Hongcheong river Hongcheong-gun, Gangwon-do, Republic of Korea 2006 - 08 1,5mH × 100mL	134	Toba Montrose Hydro Plant, B.C., CANADA 2009 -4 3,0mH × 28,0mL
100	UnHwagjea, Gyeungan river, Hwaseong-dity, GyeungGi-do, Republic of Korea 2006 - 09 1,0mH × 17,86mL	135	Stave River Hydro Plant, B.C., CANADA Expected in 2009 - 8 3,0mH × 24,0mL
101	UnHwagjea, Gyeungan river, Hwaseong-city, GyeungGi-do, Republic of Korea 2006 - 09 1,0mH × 25,46mL		
102	UnHwagjea, Gyeungan river, Hwaseong-dity, GyeungGi-do, Republic of Korea 2006 - 09 1.0mH × 25.89mL		
103	UnHwagjea, Gyeungan river, Hwaseong-dity, GyeungGi-do, Republic of Korea 2006 - 09 1,2mH × 22,56mL		
104	Imam river, Mokpo-city, Chollanam-do, Pepublic of Korea 2006 - 10		



MirYang #1river, MirYang city, Kyongsang-namdo, Republic of Korea / 1.5mH $\, imes$ 150mL(3SPAN)









Water Supply / Tamjin river, Jangheung-gun, Chollanam-do, Republic of Korea / 1.3mH \times 112mL(2SPAN)



Flood Control / Chonju river, Chonju-city, Jeollabuk-do, Republic of Korea / 1.5 mH $\, imes\,$ 32 mL



Water Supply / Hongcheong river Hongcheong-gun, Gangwon-do, Republic of Korea / 1.5mH $\, imes\,$ 100mL

