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No.	Application		m3/d	Area	Year
1	Waterworks	Purification	5	Japan	2001
2	Waterworks	Purification	10	Japan	2002
3	Wastewater treatment (pilot test)	MBR	75	Korea	2003
4	Beverage plant	MBR	20	Japan	2004
5	Biomass test plant	MBR	10	Japan	2004
6	Drinking water	Purification	700	Japan	2004
7	Electronic device plant	MBR	1,700	Japan	2006
8	Fertilizer plant	MBR	100	Japan	2006
9	Municipal Wastewater treatment	MBR	100	Korea	2006
10	Subway train washing wastewater	MBR	50	China	2007
11	Grey water treatment	MBR	100	Japan	2007
12	Residential wastewater treatment	MBR	10	Japan	2008
13	Municipal Wastewater treatment	MBR	500	Korea	2008
14	Municipal Wastewater treatment	MBR	600	Korea	2008
15	Construction site	MBR	100	Greece	2008
16	Waterworks	Purification	200	Japan	2008
17	Municipal Wastewater treatment	MBR	4,200	Korea	2008
18	Electric machinery plant	Reclaim	800	Japan	2009
19	Municipal Wastewater treatment	MBR	2,200	Korea	2009
20	Municipal Wastewater treatment	MBR	1,500	Korea	2009
21	Metal recovery plant	MBR	60	Japan	2009
22	Coal chemical plant	MBR	5,760	China	2009
23	Municipal Wastewater treatment	MBR	8,000	Korea	2009
24	Municipal Wastewater treatment	MBR	1,050	Korea	2010
25	Food Factory Wastewater	MBR	100	Japan	2010
26	Waterworks	Purification	200	Japan	2010
27	Steel mill (cold rolling)	MBR	720	China	2010
28	Color filter plant	MBR	300	Taiwan	2010
29	Waste landfill	MBR	80	China	2010
30	Municipal Wastewater treatment	MBR	3,000	China	2010
31	Semiconductor plant (BG)	Reclaim	100	Taiwan	2010
32	Semiconductor plant (BG)	Reclaim	300	Taiwan	2010
33	Landfill wastewater	MBR	2,100	China	2010
34	Municipal Wastewater treatment	MBR	5,600	Korea	2010
35	LCD Organic Wastewater	MBR	950	Taiwan	2010
36	Factory Discharged Wastewater	MBR	50	China	2010
37	Landfill wastewater	MBR	50	China	2010
38	Steel mill (cold rolling)	MBR	2,160	China	2010
39	Landfill wastewater	MBR	300	China	2010
40	Hotel & Casino wastewater	MBR	225	Greece	2011
41	DRAM Organic Wastewater	MBR	3,000	Taiwan	2010
42	Pharmacy Wastewater	MBR	200	Taiwan	2010
43	LCD Organic Wastewater	MBR	8,000	Taiwan	2010
44	LCD Organic Wastewater	MBR	3,500	Taiwan	2011
45	LCD (Touch panel)	MBR	2,250	Taiwan	2011
46	Waste landfill	MBR	10	Japan	2011
47	Pharmacy Wastewater	MBR	1,885	China	2011
48	Shopping Mall Discharged Wastewater	MBR	240	Greece	2011
49	Landfill wastewater	MBR	40	China	2011
50	Semiconductor Polishing Wastewater	MBR	50	China	2011

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No.	Application		m3/d	Area	Year
51	Landfill wastewater	MBR	150	China	2011
52	Steel mill (cold rolling)	MBR	600	China	2011
53	Municipal Wastewater treatment	MBR	50	China	2011
54	Municipal Wastewater treatment	MBR	600	China	2011
55	Landfill wastewater	MBR	100	China	2011
56	Landfill wastewater	MBR	60	China	2011
57	Landfill wastewater	MBR	150	China	2011
58	Landfill wastewater	MBR	50	China	2011
59	Landfill wastewater	MBR	30	China	2011
60	Pharmacy Wastewater	MBR	25	Japan	2011
61	Food Factory Discharged Wastewater	MBR	150	Japan	2011
62	Metal recovery plant	MBR	15	Japan	2011
63	Pharmacy Wastewater	MBR	300	India	2011
64	Landfill wastewater	MBR	100	China	2011
65	Landfill wastewater	MBR	150	China	2011
66	Cleaning water for recycled plastic bottle	MBR	80	Japan	2011
67	Food Factory Supply Water <Equipment>	r water-->Supply w	1,000	Japan	2011
68	Printed cartons factory	MBR	10	Japan	2011
69	Press mold factory	MBR	150	Japan	2011
70	Municipal Wastewater treatment	MBR	16,000	Korea	2011
71	Landfill wastewater	MBR	300	China	2011
72	Oil Refinery	MBR	6,000	Taiwan	2012
73	Landfill wastewater	MBR	230	China	2012
74	Landfill wastewater	MBR	150	China	2012
75	Landfill wastewater	MBR	60	China	2012
76	Landfill wastewater	MBR	900	China	2012
77	Landfill wastewater	MBR	80	China	2012
78	Steel mill (cold rolling)	MBR	600	China	2012
79	Semiconductor Polishing Wastewater	MBR	20	China	2012
80	Landfill wastewater	MBR	80	China	2012
81	Landfill wastewater	MBR	320	China	2012
82	Landfill wastewater	MBR	80	China	2012
83	Pharmacy Wastewater <MBR Equipment>	MBR	75	Japan	2012
84	Cutting Vegetables Wastewater	MBR	250	Japan	2012
85	Landfill wastewater	MBR	150	China	2012
86	Landfill wastewater	MBR	300	China	2012
87	Landfill wastewater	MBR	80	China	2012
88	Plating plant	Reclaim	200	Singapore	2012
89	Landfill wastewater	MBR	50	China	2012
90	Landfill wastewater	MBR	600	China	2012
91	Landfill wastewater	MBR	25	China	2012
92	Landfill wastewater	MBR	200	China	2012
93	Printed cartons factory	MBR	10	Japan	2012
94	Hotel wastewater	MBR	330	Taiwan	2012
95	Hotel wastewater	MBR	180	Taiwan	2012
96	Municipal Wastewater treatment	MBR	240	USA	2012
97	Swimming Pool Water Supply	r water-->Supply w	2,000	Malaysia	2012
98	Landfill wastewater	MBR	180	China	2012
99	Steel mill (cold rolling)	MBR	1,000	China	2012
100	Landfill wastewater	MBR	180	China	2013

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No.	Application		m3/d	Area	Year
101	Plating plant	MBR	20	China	2013
102	LCD (Touch panel)	MBR	2,750	Taiwan	2013
103	Landfill wastewater	MBR	250	China	2013
104	Municipal Wastewater treatment	MBR	20	China	2013
105	Landfill wastewater	MBR	100	China	2013
106	Landfill wastewater	MBR	120	China	2013
107	Automotive Painting wastewater	MBR	580	Thailand	2013
108	Landfill wastewater	MBR	40	China	2013
109	LCD (Touch panel)	MBR	2,000	Taiwan	2013
110	DRAM Organic Wastewater	MBR	750	Taiwan	2013
111	Landfill wastewater	MBR	130	Japan	2013
112	Food Factory wastewater	MBR	85	Japan	2013
113	Landfill wastewater	MBR	150	China	2013
114	Landfill wastewater	MBR	200	China	2013
115	Landfill wastewater	MBR	30	China	2013
116	Landfill wastewater	MBR	350	China	2013
117	Municipal Wastewater treatment	MBR	750	USA	2013
118	Landfill wastewater	MBR	130	China	2013
119	Landfill wastewater	MBR	500	China	2013
120	Steel mill (cold rolling)	MBR	160	China	2013
121	Steel mill (cold rolling)	MBR	400	China	2013
122	Food Factory Discharged Wastewater	MBR	435	Japan	2013
123	Molding cleaning wastewater	MBR	145	Thailand	2013
124	Beverage plant	MBR	100	Japan	2013
125	Food Factory Discharged Wastewater	MBR	400	Japan	2013
126	Landfill wastewater	MBR	200	China	2013
127	Landfill wastewater	MBR	200	China	2013
128	Landfill wastewater	MBR	200	China	2013
129	Landfill wastewater	MBR	200	China	2013
130	Factory living wastewater <MBR Equipment>	MBR	240	Japan	2014
131	Molding cooling water <Equipment>	Reclaim	12	Japan	2014
132	Plating plant	Reclaim	200	China	2014
133	Plating plant	MBR	720	China	2014
134	Landfill wastewater	MBR	200	China	2014
135	Landfill wastewater	MBR	200	China	2014
136	Landfill wastewater	MBR	200	China	2014
137	Pharmacy Wastewater	MBR	100	Japan	2014
138	Inflight Kitchen Wastewater	MBR	1,500	Taiwan	2014
139	Landfill wastewater	MBR	40	China	2014
140	Landfill wastewater	MBR	50	China	2014
141	Landfill wastewater	MBR	180	China	2014
142	Landfill wastewater	MBR	320	China	2014
143	Steel mill	MBR	2,500	China	2014
144	Plating plant	MBR	2,500	China	2014
145	Landfill wastewater	MBR	960	China	2014
146	Pharmacy Wastewater	MBR	4,770	China	2014
147	Domestic sewage of Automotive Institute	MBR	384	Thailand	2014
148	Pharmacy Wastewater	MBR	200	Taiwan	2014
149	Corrugate box manufacture Wastewater	MBR	100	Thailand	2014
150	Landfill wastewater	MBR	60	China	2014

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No.	Application		m3/d	Area	Year
151	Beverage plant	MBR	20	Japan	2014
152	Landfill wastewater	MBR	150	China	2014
153	Car washing wastewater	MBR	200	China	2014
154	Steel mill (cold rolling)	MBR	400	China	2014
155	Steel mill (cold rolling)	MBR	4,440	China	2104
156	Landfill wastewater	MBR	110	China	2014
157	Metal recovery plant	MBR	60	Japan	2014
158	Landfill wastewater	MBR	30	China	2014
159	Beverage plant	MBR	100	Japan	2013
160	Textile Wastewater	MBR	800	Thailand	2015
161	Textile Wastewater	MBR	1,200	Japan	2015
162	Beverage plant	MBR	745	Myanmar	2015
163	Dye plant	MBR	1,500	China	2015
164	Landfill wastewater	MBR	100	China	2015
165	Landfill wastewater	MBR	40	Japan	2015
166	Food manufacturing plant	MBR	120	Japan	2015
167	Alcohol manufacturing plant	MBR	500	China	2015
168	Petrochemical plant	MBR	20	China	2015
169	DRAM plant	MBR	1,500	Taiwan	2015
170	Food manufacturing plant	MBR	30	Japan	2015
171	Food manufacturing plant	MBR	240	Malaysia	2015
172	Chemical plant	Turbidity	240	Japan	2015
173	Landfill wastewater	MBR	30	China	2015
174	Landfill wastewater	MBR	30	China	2015
175	Landfill wastewater	MBR	100	China	2015
176	Landfill wastewater	MBR	200	China	2015
177	Landfill wastewater	MBR	200	China	2015
178	Leather manufacturing plant	MBR	350	China	2015
179	Elevator parts treatment plant	MBR	300	China	2015
180	Beverage plant	MBR	50	China	2015
181	Landfill wastewater	MBR	400	China	2015
182	Landfill wastewater	MBR	200	China	2015
183	Landfill wastewater	MBR	200	China	2015
184	Landfill wastewater	MBR	100	China	2015
185	Landfill wastewater	MBR	240	China	2015
186	Landfill wastewater	MBR	100	China	2015
187	Landfill wastewater	MBR	200	China	2015
188	Landfill wastewater	MBR	250	China	2015
189	Landfill wastewater	MBR	100	China	2015
190	Landfill wastewater	MBR	450	China	2015
191	Pharmaceutical plant	MBR	50	Japan	2015
192	Landfill wastewater	MBR	150	China	2015
193	Landfill wastewater	MBR	300	China	2015
194	Landfill wastewater	MBR	400	China	2015
195	Landfill wastewater	MBR	200	China	2015
196	Landfill wastewater	MBR	300	China	2015
197	Landfill wastewater	MBR	150	China	2015
198	Food manufacturing plant	MBR	360	Japan	2015
199	Metal plating plant	Turbidity	288	Japan	2015
200	Semiconductor plant	MBR	300	China	2015

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No.	Application		m3/d	Area	Year
201	Plant wastewater	MBR	100	China	2015
202	Landfill wastewater	MBR	200	China	2015
203	Food manufacturing plant	MBR	350	Taiwan	2015
204	Shrine wastewater	MBR	630	Korea	2015
205	Landfill wastewater	MBR	200	China	2015
206	Landfill wastewater	MBR	250	China	2015
207	Landfill wastewater	MBR	60	China	2015
208	Landfill wastewater	MBR	60	China	2015
209	Landfill wastewater	MBR	30	China	2015
210	Landfill wastewater	MBR	40	China	2015
211	Coal chemical plant	MBR	1,200	China	2015
212	Food manufacturing plant	MBR	240	Japan	2015
213	Food manufacturing plant	MBR	120	Japan	2015
214	Pesticide plant	MBR	700	China	2015
215	Landfill wastewater	MBR	200	China	2015
216	Pharmaceutical plant	MBR	4,000	China	2015
217	Landfill wastewater	MBR	100	China	2015
218	Commercial building wastewater	Turbidity	300	Japan	2015
219	Landfill wastewater	MBR	200	China	2015
220	Dye plant	MBR	1,300	China	2015
221	Leather manufacturing plant	MBR	800	China	2015
222	Food Factory wastewater	MBR	5,000	USA	2015
223	Landfill wastewater	MBR	160	China	2016
224	Landfill wastewater	MBR	200	China	2016
225	Dye Plant	MBR	1,500	China	2016
226	Landfill wastewater	MBR	100	China	2016
227	Landfill wastewater	MBR	150	China	2016
228	Landfill wastewater	MBR	600	China	2016
229	Landfill wastewater	MBR	400	China	2016
230	Landfill wastewater	MBR	200	China	2016
231	Landfill wastewater	MBR	24	Japan	2016
232	Landfill wastewater	MBR	36	Japan	2016
233	Pool wastewater	MBR	500	Japan	2016
234	Hospital Wastewater	MBR	84	Japan	2016
235	Sewage treatment plant	MBR	1,500	Korea	2016
236	Landfill wastewater	MBR	200	China	2016
237	Landfill wastewater	MBR	200	China	2016
238	Dyeing Wastewater	MBR	1,700	China	2016
239	Textile Wastewater	MBR	1,600	Japan	2016
240	Textile Wastewater	MBR	75	Japan	2016
241	Dyeing Wastewater	MBR	3,000	China	2016
242	Dyeing Wastewater	MBR	4,800	China	2016
243	Landfill wastewater	MBR	600	China	2016
244	Landfill wastewater	MBR	100	China	2016
245	Landfill wastewater	MBR	400	China	2016
246	Park Waste Water	MBR	120	Taiwan	2016
247	DRAM Organic Wastewater	MBR	3,600	Taiwan	2016
248	DRAM Organic Wastewater	MBR	1,800	Taiwan	2016
249	Landfill wastewater	MBR	60	China	2016
250	Waste Water	MBR	300	China	2016

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No.	Application		m3/d	Area	Year
251	Landfill wastewater	MBR	150	China	2016
252	Waste Water	MBR	500	China	2016
253	Landfill wastewater	MBR	50	China	2016
254	Food Factory wastewater	MBR	50	Korea	2016
255	Waste Water	MBR	90	Korea	2016
256	Waste Water	MBR	70	USA	2016
257	Plating Factory	MBR	2,400	China	2016
258	Plating Factory	MBR	500	China	2016
259	Plating Factory	MBR	1,000	China	2016
260	Plating Factory	MBR	1,000	China	2016
261	Plating Factory	MBR	250	China	2016
262	Plating Factory	MBR	750	China	2016
263	Plating Factory	MBR	700	China	2016
264	Landfill wastewater	MBR	110	China	2016
265	Landfill wastewater	MBR	210	China	2016
266	Pharmaceutical wastewater	MBR	2,500	China	2016
267	Wastewater from grinder	MBR	5	China	2016
268	Dye Factory wastewater	MBR	2,500	China	2016
269	Syrup Plant wastewater	MBR	400	Thailand	2016
270	Textile Factory wastewater	MBR	250	Thailand	2016
271	Poultry Farm wastewater	MBR	60	Taiwan	2016
272	Landfill wastewater	MBR	135	China	2016
273	Domestic wastewater	MBR	520	China	2016
274	Sewage Treatment Plant	MBR	140	Japan	2016
275	Landfill wastewater	MBR	50	China	2016
276	Landfill wastewater	MBR	200	China	2016
277	Dye Plant wastewater	MBR	3,000	China	2016
278	Domestic wastewater	MBR	1,500	China	2016
279	Dye Plant wastewater	MBR	1,500	China	2016
280	Landfill wastewater	MBR	130	China	2016
281	Cosmetic Factory wastewater	MBR	200	Thailand	2016
282	Landfill wastewater	MBR	1,400	China	2016
283	Dyeing Wastewater	MBR	3,100	China	2016
284	Waste Water	MBR	1,000	China	2016
285	Coal chemistry wastewater	MBR	450	China	2016
286	Landfill wastewater	MBR	250	China	2016
287	Plating plant	MBR	5,500	China	2016
288	Pharmacy Wastewater	MBR	5,000	China	2016
289	Landfill wastewater	MBR	100	China	2016
290	Landfill wastewater	MBR	200	China	2016
291	Landfill wastewater	MBR	200	China	2016
292	Waste Water	MBR	4,500	China	2016
293	Waste Water	MBR	3,500	China	2016
294	Landfill wastewater	MBR	2,000	China	2016
295	Food Factory wastewater	MBR	435	China	2016
296	Food Factory wastewater	MBR	200	USA	2016
297	Waste Water	MBR	2,000	China	2017
298	Landfill wastewater	MBR	400	China	2017
299	Landfill wastewater	MBR	350	China	2017
300	Pharmacy Wastewater	MBR	25	Japan	2017

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No.	Application		m3/d	Area	Year
301	Sake Brewery	MBR	10	Japan	2017
302	Waste Water	MBR	2,000	China	2017
303	Waste Water	MBR	300	China	2017
304	Waste Water	MBR	500	China	2017
305	Dyeing Wastewater	MBR	1,800	China	2017
306	Dyeing Wastewater	MBR	500	China	2017
307	Agricultural chemicals wastewater	MBR	250	China	2017
308	Alcohol wastewater	MBR	240	China	2017
309	Waste Water	MBR	5,000	China	2017
310	Distillation ammonia wastewater	MBR	300	China	2017
311	Landfill wastewater	MBR	150	China	2017
312	Landfill wastewater	MBR	550	China	2017
313	Landfill wastewater	MBR	80	China	2017
314	Landfill wastewater	MBR	300	China	2017
315	Waste Water	MBR	470	Canada	2017
316	Waste Water	MBR	350	Canada	2017
317	Waste Water	MBR	500	China	2017
318	Waste Water	MBR	450	China	2017
319	Waste Water	MBR	7,000	China	2017
320	Plating plant	MBR	1,600	China	2017
321	Waste Water	MBR	1,700	China	2017
322	Dyeing Wastewater	MBR	4,500	China	2017
323	Waste Water	MBR	700	China	2017
324	Dining Waste Water	MBR	70	Japan	2017
325	Landfill wastewater	MBR	150	China	2017
326	Dyeing Wastewater	MBR	2,000	China	2017
327	Waste Water	MBR	7,000	China	2017
328	Landfill wastewater	MBR	120	China	2017
329	Landfill wastewater	MBR	75	China	2017
330	Landfill wastewater	MBR	100	China	2017
331	Dyeing Wastewater	MBR	500	China	2017
332	Landfill wastewater	MBR	660	China	2017
333	Waste Water	MBR	400	China	2017
334	Waste Water	MBR	100	China	2017
335	Plating plant	MBR	1,000	China	2017
336	Waste Water	MBR	750	China	2017
337	Food Factory Wastewater	MBR	200	Japan	2017
338	Oil Refinery	MBR	7,500	USA	2017
339	Landfill wastewater	MBR	200	China	2017
340	Landfill wastewater	MBR	200	China	2017
341	Landfill wastewater	MBR	600	China	2017
342	Coal chemistry wastewater	MBR	1,200	China	2017
343	Landfill wastewater	MBR	300	China	2017
344	Landfill wastewater	MBR	200	China	2017
345	Plating plant	MBR	3,500	China	2017
346	Dyeing Wastewater	MBR	1,000	China	2017
347	Dyeing Wastewater	MBR	1,000	China	2017
348	Waste Water	MBR	350	China	2017
349	Landfill wastewater	MBR	220	China	2017
350	Waste Water	MBR	8,300	China	2017

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No.	Application		m3/d	Area	Year
351	Waste Water	MBR	2,800	China	2017
352	Waste Water	MBR	3,600	China	2017
353	Waste Water	MBR	1,500	China	2017
354	Rubber product Factory Wastewater	Purification	144	Japan	2017
355	Pharmacy Wastewater	MBR	5,000	China	2017
356	Waste Water	MBR	7,000	China	2017
357	Waste Water	MBR	600	China	2017
358	Waste Water	MBR	650	China	2017
359	Chemical plant Wastewater	MBR	120	China	2017
360	Waste Water	MBR	200	China	2017
361	Waste Water	MBR	140	China	2017
362	Waste Water	MBR	250	China	2017
363	Waste Water	MBR	500	China	2017
364	Waste Water	MBR	600	China	2017
365	Plating plant	MBR	600	China	2017
366	Landfill wastewater	MBR	200	China	2017
367	Landfill wastewater	MBR	800	China	2017
368	Landfill wastewater	MBR	200	China	2017
369	Waste Water	MBR	1,500	China	2017
370	Waste Water	MBR	800	China	2017
371	Dyeing Wastewater	MBR	800	China	2017
372	Landfill wastewater	MBR	150	China	2017
373	Landfill wastewater	MBR	250	China	2017
374	Landfill wastewater	MBR	300	China	2017
375	Landfill wastewater	MBR	60	China	2017
376	Waste Water	MBR	6,000	China	2017
377	Waste Water	MBR	850	China	2017
378	Waste Water	MBR	2,400	China	2017
379	Chemical plant Wastewater	MBR	50	China	2017
380	Waste Water	MBR	5,200	China	2017
381	Waste Water	MBR	1,800	China	2017
382	Waste Water	MBR	2,800	China	2017
383	Waste Water	MBR	1,500	China	2017
384	Waste Water	MBR	800	China	2017
385	Dyeing Wastewater	MBR	800	China	2017
386	Landfill wastewater	MBR	150	China	2017
387	Landfill wastewater	MBR	250	China	2017
388	Landfill wastewater	MBR	300	China	2017
389	Landfill wastewater	MBR	60	China	2017
390	Waste Water	MBR	6,000	China	2017
391	Waste Water	MBR	850	China	2017
392	Waste Water	MBR	2,400	China	2017
393	Waste Water	MBR	5,200	China	2017
394	Waste Water	MBR	1,800	China	2017
395	Waste Water	MBR	2,800	China	2017
396	Waste Water	MBR	260	Korea	2017
397	Waste Water of commercial establishment	MBR	2,000	Thailand	2017
398	Waste Water	MBR	600	Taiwan	2017
399	DRAM Organic Wastewater	MBR	700	Taiwan	2017
400	DRAM Organic Wastewater	MBR	2,300	Taiwan	2017

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No.	Application		m3/d	Area	Year
401	DRAM Organic Wastewater	MBR	700	Taiwan	2017
402	DRAM Organic Wastewater	MBR	700	Taiwan	2017
403	DRAM Organic Wastewater	MBR	2,100	Taiwan	2017
404	Beverage plant	MBR	400	Japan	2017
405	Resins plant	Purification	480	Japan	2017
406	Biomass power generation	MBR	50	Japan	2017
407	Food & Beverage wastewater	MBR	1,100	Japan	2017
408	Waste Water	MBR	4,800	China	2018
409	Dyeing Wastewater	MBR	3,000	China	2018
410	Dyeing Wastewater	MBR	1,800	China	2018
411	Landfill wastewater	MBR	550	China	2018
412	Waste Water	MBR	700	China	2018
413	Plating plant	MBR	2,000	China	2018
414	Waste Water	MBR	3,000	China	2018
415	Waste Water	MBR	500	China	2018
416	Waste Water	MBR	500	China	2018
417	Waste Water	MBR	3,400	China	2018
418	Landfill wastewater	MBR	240	China	2018
419	Landfill wastewater	MBR	65	China	2018
420	Landfill wastewater	MBR	200	China	2018
421	Dyeing Wastewater	MBR	3,600	China	2018
422	Waste Water	MBR	2,000	China	2018
423	Waste Water	MBR	2,100	China	2018
424	Waste Water	MBR	2,800	China	2018
425	Plating plant	MBR	1,100	China	2018
426	Landfill wastewater	MBR	700	China	2018
427	Domestic wastewater	MBR	189	USA	2018
428	Food & Beverage wastewater	Purification	1,200	USA	2018
429	Food & Beverage wastewater	MBR	1,226	USA	2018
430	Sewage	MBR	750	Canada	2018
431	Sewage	MBR	192	Canada	2018
432	Waste Water	MBR	500	China	2018
433	Pharmacy Wastewater	MBR	960	China	2018
434	Waste Water	MBR	2,300	China	2018
435	Landfill wastewater	MBR	100	China	2018
436	Landfill wastewater	MBR	105	China	2018
437	Landfill wastewater	MBR	100	China	2018
438	Dyeing Wastewater	MBR	15,000	China	2018
439	Electronic Factory wastewater	MBR	100	China	2018
440	Landfill wastewater	MBR	300	China	2018
441	Automobile Factory wastewater	Filtration	8	Japan	2018
442	Cosmetic Factory wastewater	MBR	20	Japan	2018
443	Dyeing Wastewater	MBR	10,000	China	2018
444	Waste Water	MBR	700	China	2018
445	Waste Water	MBR	2,700	China	2018
446	Waste Water	MBR	8,000	China	2018
447	Food Factory Wastewater	MBR	200	Thailand	2018
448	Pharmacy Wastewater	MBR	150	Thailand	2018
449	Coal chemistry wastewater	MBR	1,300	China	2018
450	Waste Water	MBR	2,000	China	2018

Track Records of PTFE Membrane module (Submerge type)

Updated as Dec, 2018

No.	Application		m3/d	Area	Year
451	Landfill wastewater	MBR	380	China	2018
452	Electronic wastewater	MBR	50	China	2018
453	Waste Water	MBR	3,200	China	2018
454	Waste Water	MBR	2,000	China	2018
455	Landfill wastewater	MBR	4,000	China	2018
456	Waste Water	MBR	5,600	China	2018
457	Dyeing Wastewater	MBR	3,000	China	2018
458	Plating plant	MBR	350	China	2018
459	Plating plant	MBR	950	China	2018
460	Waste Water	MBR	2,500	China	2018
461	Waste Water	MBR	1,400	China	2018
462	Food Factory wastewater	MBR	400	Japan	2018
463	Food Factory wastewater	MBR	200	Japan	2018
464	Spring wastewater	MBR	450	Japan	2018
465	Food Factory wastewater	MBR	450	Japan	2018
466	Food Factory wastewater	MBR	150	Malaysia	2018
467	Food Factory wastewater	MBR	900	Thailand	2018
468	Cosmetic Factory Wastewater	MBR	100	Thailand	2018
469	Rubber product Factory Wastewater	MBR	350	Thailand	2018
470	DRAM Organic Wastewater	MBR	2,400	Taiwan	2018
471	DRAM Organic Wastewater	MBR	4,000	Taiwan	2018
472	DRAM Organic Wastewater	MBR	1,400	Taiwan	2018
473	Waste Water	MBR	150	Taiwan	2018
474	Plating plant	MBR	200	China	2018
475	Plating plant	MBR	300	China	2018
476	Plating plant	MBR	2,000	China	2018
477	Pharmaceutical Wastewater	MBR	6,500	China	2018
478	Waste Water	MBR	450	China	2018
479	Waste Water	MBR	3,600	China	2018
480	Waste Water	MBR	5,800	China	2018

Track Records of PTFE Membrane module (External Pressure Type) Updated as Dec, 2018

No.	Application		m3/d	Area	Year
1	Semiconductor device plant	Reclaim	250	Japan	2004
2	Electronic substrate plant	Reclaim	100	Japan	2004
3	Semiconductor device plant	Reclaim	250	Japan	2005
4	Semiconductor device plant	Reclaim	250	Japan	2006
5	House maintenance	Discharge	400	Japan	2006
6	Alloy plant	Reclaim	800	Japan	2006
7	Electronic substrate plant	Reclaim	1,300	Japan	2006
8	Bearing plant	Reclaim	250	Japan	2006
9	Glass substrate plant	Reclaim	700	Japan	2007
10	Titanium refinery	Reclaim	1,200	Japan	2007
11	Precision machinery plant	Reclaim	300	Japan	2008
12	Non ferrous metal plant	Reclaim	200	Japan	2008
13	Semiconductor device plant (BG)	Reclaim	720	Taiwan	2008
14	Oil drilling	Discharge	130	Turkmenista	2009
15	Precision machinery plant	Reclaim	140	Japan	2009
16	Mobile touch panel display device plant	Reclaim	50	Japan	2010
17	Electronic substrate plant	Reclaim	1,080	Japan	2010
18	Tire plant	Reclaim	240	Japan	2010
19	Semiconductor plant	Pretreatment	300	Taiwan	2010
20	Drinking Water	Purification	1790	Japan	2010
21	Silicon Recovery Field Test	Reclaim	3	Japan	2011
22	Oil Field	Discharge	720	China	2011
23	Electronic substrate plant	Reclaim	600	Taiwan	2012
24	Electronic substrate plant	Reclaim	800	China	2012
25	Golf Course	Treatment	150	Japan	2013
26	Drinking Water	Purification	2000	Japan	2013
27	Drinking Water	Purification	600	Japan	2014
28	Iron plant	Discharge	2,500	China	2015
29	Drinking Water	Purification	700	Japan	2015
30	Oil Refinery Tertiary Treatment	RO Recycle	2100	Singapore	2016
31	Food Factory Wastewater	Discharge	700	China	2017
32	Sea water desalination	Reclaim	300	Korea	2017
33	Electrical wire Wastewater	Reclaim	250	Japan	2017
34	Drinking Water	Purification	3,400	Japan	2018
35	Waste Water	Discharge	15,000	China	2018
36	Electrical wire Wastewater	RO Recycle	240	Japan	2018