



TABLE 1 - Listing of Groundwater Circulation Well (mGCW) System Designs and Applications that involved staff now at Adventus.

Site Number	Site Location	Type of Chemical Treated	Type of GCW System	Number of Systems	Involvement of Staff now at Adventus*
1	Michigan	CHC	UVB 200	1	Design, Installation, O&M
2	New York	Landfill leachate; CHC	UVB 400 bioreactor	1	Design, Installation, O&M
3	South Carolina	BTEX, MTBE	UVB	1	Design, Installation, O&M
4	California	BTEX, MTBE	UVB 200/400	4	Design, Installation, O&M
5	Tennessee	CHC	UVB-250	1	Design
6	Florida	Creosote DNAPL	mGCW bioreactor	1	Design, Installation, O&M
7	Maryland	Various	Mesocosm	1	Design, Installation, O&M
8	Florida	CHC	UVB-250	2	Design
9	New York	BTEX	UVB labyrinth	1	Design
10	Massachusetts	CHC	UVB labyrinth	4	Design, Installation, Reporting
11	Florida	CHC	UVB	2	Design
12	Maryland	CHC	mGCW	2	Design, Installation, O&M
13	Florida	CHC	UVB labyrinth	2	Design, Installation, O&M
14	New Hampshire	Creosote DNAPL	GZB DNAPL	2	Design, Installation, O&M
15	Arkansas	Creosote DNAPL	GZB DNAPL	4	Design, Installation, O&M
16	California	BTEX	UVB	1	Design, Installation, O&M
17	Nevada	BTEX	UVB/CGC	5	Design
18	Florida	CHC	UVB labyrinth	1	Design
19	Pennsylvania	CHC DNAPL	GZB DNAPL	1	Design
20	Colorado	Creosote	DDC	2	Data interpretation
21	Connecticut	CHC	DDC	10	Design, Installation, O&M
22	North Carolina	CHC	UVB/CGC	2	Design, Installation, O&M
23	Nebraska	CHC	UVB	1	Design, Installation, O&M
24	California	CHC	NoVOCs	1	Re-design, Data interpretation, O&M
25	South Carolina	Creosote DNAPL	GZB DNAPL	2	Design
26	Wisconsin	CHC	K-Sparge	2	Design, Installation, O&M
27	New York	CHC, metals	mGCW	4	Design, Installation, O&M
28	Nevada	CHC	UVB	2	Design, Installation, O&M
29	Rhode Island	CHC	UVB	2	Design
30	New Jersey	CHC	UVB	2	Design
31	Wyoming	CHC/BTEX	UVB/DDC/CGC	7	Design
32	Maryland	PCA, TCA, CHCs	mGCW	2	Design, Installation, O&M
33	Washington	CHC	UVB	2	Design, Installation, O&M
34	Denmark	Gasoline, Diesel	UVB/CGC	6	Design, Installation, O&M
35	Arizona	CHC	UVB	3	Design, Installation, O&M
36	Washington	CHC	UVB	1	Design, Installation
37	Nebraska	RDX, TCE	mGCW	2	Pilot Design, Installation, O&M
38	Texas	CHC	UVB/CGC	2	Design, Installation
39	Wyoming	BTEX	UVB/DDC/CGC	17	Design, Installation, O&M
40	Colorado	Creosote, PCP	Reactive Wall	3	Design, Installation, O&M
41	Alabama	CHC	UVB	1	Design, Installation, O&M
42	Wisconsin	PCP	CGC	1	Design, Installation, O&M
43	Kentucky	CHC	UVB	1	Pilot Design, Installation, O&M
44	Vancouver, Canada	pH control	UVB	1	Pilot Design, Installation, O&M
45	Alaska	BTEX	UVB	4	Design
46	Netherlands	CHC	UVB/K-Sparge	3	Design

47	Minnesota	PCP, Diesel Fuel	mGCW	1	Pilot Design, Installation, O&M
48	Alabama	Creosote DNAPL	GZB DNAPL	2	Pilot Design, Installation, Testing
49	Indiana	CHC	UVB/DDC	1	Design, Installation, Testing, O&M
50	Utah	BTEX	UVB	1	Pilot Design, Installation, Testing
51	Florida	Arsenic	mGCW	1	Pilot Design
52	Illinois	MGP Site	mGCW	1	Pilot Design
53	Europe	Acetone, CHC	GCW	6	Pilot Design, Installation, Testing
54	Europe	Acetone, CHC	GCW	5	Pilot Design, Installation, Testing
55	California	CHC	GCW	1	Pilot Design, Installation, Testing
56	Oregon	CHC	mGCW	17	Pilot Design, Installation, Testing
57	New York	CHC	mGCW	3	Review Design and performance
58	Indiana	CHC	mGCW	1	Pilot Design, Installation, Testing
59	Italy	CHC	mGCW-R	1	Pilot Design, Installation, Testing
60	Taiwan	CHC	mGCW	8	Pilot Design, Installation, Testing
61	New York	CHC	UVB	7	Design
62	Wisconsin	CHC	mGCW	3	Design
63	Wisconsin	CHC	mGCW	4	Design
64	California	CHC + chromium	mGCW-R	1	Design
65	California	CHC	mGCW	9	Design
66	Brazil	CHC in rock	mGCW	1	Design
67	Wisconsin	CHC	mGCW	1	Design
68	Taiwan	CHC	mGCW	10	Pilot Design, Installation, Testing
69	Canada	CHC	mGCW	1	Design
70	Maryland	CHC + heavy metals	mGCW-R	6	Design
71	Iowa	CHC	mGCW	2	Design
72	Maryland	CHC	mGCW	4	Design
73	Israel	CHC and others	mGCW	8	Design
74	Ohio	CHC and BTEX	mGCW	6	Design
75	Michigan	CHC	CGC	1	Design
76	Indiana	CHC	mGCW	1	Design
77	California	CHC	mGCW	7	Design
78	West Virginia	CHC + BTEX	mGCW	7	Design
79	Virginia	CHC	mGCW	2	Design
80	California	CHC + heavy metals	mGCW	1	Design
81	California	CHC	mGCW	1	
82	California	CHCs	mGCW	5	Design
83	Saudi Arabia	NH4, VOCs	mGCW	5	Design
84	New York	CHC	mGCW-R thermal	1	Design
85	Wisconsin	MGP	mGCW-R	2	Design
86	Oregon	CHC	mGCW-R (EHC)	3	Design
87	Pennsylvania	VOCs in Rock	mGCW	2	Design
88	Minnesota	PCP, VOCs	mGCW	1	Design
89	Massachusetts	BTEX	mGCW	2	Design
90	Massachusetts	CHCs	mGCW	4	Design
91	Illinois	CHCs + Arsenic	mGCW-R	10	Design
92	Wisconsin	HCN	mGCW	3	Design

93	Massachusetts	Radionuclides	mGCW-R	4	Design
94	Wisconsin	Landfill Leachate	mGCW	1	Design
95	Ohio	CHC	mGCW	1	Design
96	Michigan	CHC	mGCW	2	Design, Pilot
97	Illinois	CHC metals	mGCW	2	Design
98	Israel	BTEX	mGCW	2	Design
99	Israel	BTEX	CGC	2	Design, Install
100	Israel	Diesel	mGCW	1	Design, Install
101	Pennsylvania	CHCs	mGCW	1	Design
102	New York	TCA	mGCW	1	Design
103	Alabama	Landfill Leachate	mGCW	4	Design
104	West Virginia	CHCs	mGCW	4	Design
105	Illinois	DNAPL	mGCW	1	Design
106	Washington	BTEX	GCW-250	1	Design
107	Florida	CHCs	mGCW	6	Design

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Sites

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Systems

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* THIS REFLECTS EXPERIENCE OF STAFF NOW AT ADVENTUS. ADVENTUS WAS FORMED IN 2003. MANY OF THESE PROJECTS WERE COMPLETED FOR PREVIOUS EMPLOYERS.

CHC = chlorinated hydrocarbons (PCE, TCE, DCE, DCA, VC, CT, CF, etc.)