

RIDEM Office of Water Resources  
 Onsite Wastewater Treatment System (OWTS) Program  
**Alternative or Experimental (A/E) Technology Permit Count per Year**

REPORT RUN 03/28/22

OWTS Application proposing A/E technology was approved in the year specified. An OWTS design may include one or more A/E technology. Totals show all approved applications, including Conformed, Under Construction, Expired, and Active permits.

A/E Technology	<2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Total
AX-20	6	6	4	69	181	326	431	430	295	300	312	277	368	298	263	333	335	424	407	386	513	5,964
ADVANTECH	78	191	282	249	161	56	2													1	1	1,021
FAST	188	135	79	59	30	29	23	38	22	27	16	11	19	18	10	11	10	12	10	5	9	761
SEPTITEC		2							3	9	33	36	47	42	45	55	34	38	33	49	46	472
AX-RT	1										1	1	14	62	42	53	45	32	27	35	19	332
SING-D		1									9	21	46	10	25	29	33	35	28	45	40	322
NATS	82	19	11	8	5	4	2	1		5			10									147
HOLD	11	3	3	1	3	1	8	9		3	2	7	22	23	11	11	9	10	8	9	7	161
UV	9	6	9	7	5	5	7	3	4		2	2	1	1	10	10	19	10	7	4	4	125
AX-100				2	4	8	8	11	7	3	3	7	7	4	2	5	4	4	4	4	3	90
INTERMSAND	61	5	2	1							1				1							71
RECIRCSAND	60	5	1	1	1	2	1															71
SING-TNT-D													7	39	2	2		1				51
AX-RT-DEN													12	18	14	4	1		1			50
NAT-DEN	41			1										1	1							44
RUCK	35			1		1	1								1							39
WCK								3	3	13	10	4	1	2	1		1					38
COMP	7	1				3	4	2		1	2	2		4	5	2	2	2	4	2		43
HYDRO-KIN		1												1	5	3	7	4	2	4	12	39
NAT-PRE	21	1																				22
BIOC	16	1	1			2	1														1	22
WATLOO-BIO	11	2																				13
NIBBLER													2	2	2	2	3		3	1		15
SING-TNT														3	2	3	1	2		1		12
STEP	6	1							1					2	1				2	4	2	19
SOILAIR						8				1		1								3	5	18
NITREX		1							1	3	3											8
ORENTRFILT	7																					7
BIOBARRIER															1	1	1	2				5
NORTEK								2				2										4
ANOXIC	2				1																	3
ECO-RUCK	3																					3
MARYSAND	3																					3
PEAT		3																				3
AUTO-GRU	1	1																				2
BIOCYCLE	1	1																				2
LIXOR										1												1
BIOWATER													1									1
CROMA													1									1
INCIN	1																			1		2
SBR	1																					1
DIPPER	0	0	0	1			1	5	1	2	5		5		3	5	1	1	6	6	5	47
GAG	0	4	0	0																		4
SYPHON	1	0	0	0																		1
INDRN-IA	1323	581	677	746	639	601	549	441	416	543	620	581	586	606	573	731	762	910	725	846	647	14,103
BOTOMSAND	99	262	320	329	323	320	327	330	231	240	257	202	264	255	216	239	238	271	262	274	281	5,540
PDOESHTR	147	47	24	42	52	36	38	36	25	33	51	45	38	39	22	28	28	35	23	21	17	827
GEOMAT-39	0	0	0	0	0	0	0	0	0	0	10	27	57	86	74	133	119	147	132	168	240	1,193
INFILT	35	4	18	26	30	20	24	15	10	6	9	2	5	27	21	18	28	16	4	6	3	327
WISCON	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
PERCRITE	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	5	6	4	1	20
GEOMAT-12	0	0	0	0	0	0	0	0	0	0	0	2	4	3	0	1	0	0	2	0	0	12
WWTP	1	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4
CULTEC	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
DRIP	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
GEOFLOW	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
RECYCLE	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Advanced Treatment Systems	652	386	392	399	391	445	488	499	336	366	394	371	558	530	444	524	505	576	536	554	662	10,008
Total Components	1	4	0	1			1	5	1	2	5		5		3	5	1	1	6	6	5	52
Total Leachfield Systems	1617	896	1040	1143	1045	978	938	822	682	822	948	859	955	1017	906	1151	1177	1384	1154	1319	1190	22,043
<b>TOTAL A/E TECHNOLOGIES</b>	<b>2270</b>	<b>1286</b>	<b>1432</b>	<b>1543</b>	<b>1436</b>	<b>1423</b>	<b>1427</b>	<b>1326</b>	<b>1019</b>	<b>1190</b>	<b>1347</b>	<b>1230</b>	<b>1518</b>	<b>1547</b>	<b>1353</b>	<b>1680</b>	<b>1683</b>	<b>1961</b>	<b>1696</b>	<b>1879</b>	<b>1857</b>	<b>32,103</b>