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Welcome to the Manifest Information Management System

The Manifest Information Management System (MIMS) is a database used to monitor the management of commercial low-level radioactive waste (LLW) in the U.S. MIMS was developed in 1986 by the U.S. Department of Energy (DOE) in response to provisions in 42 U.S.C. 2021g(a).

The LLW information in MIMS is derived from manifests for waste shipments to one closed (Beatty, Nevada) and four operating commercial LLW disposal facilities: Chem-Nuclear Systems LLC [Barnwell, SC]; EnergySolutions, formerly Envirocare of Utah [Clive, UT]; US Ecology [Richland, WA]; and Waste Control Specialists LLC [Andrews, TX]. Based on agreement reached with the disposal site operators during initial development of MIMS, waste generators are not specifically identified, but instead are given a unique code indicating the state of origin. Some shipments include waste from multiple states and/or waste generators which are delivered via brokers or waste processors.

The scope of the data in MIMS is limited to LLW from utilities, industries including waste brokers/processors, academic/research institutions, medical facilities, and government (state and Federal outside DOE). In addition, MIMS has historically provided information on disposal of naturally-occurring radioactive material (NORM) at the US Ecology site, although NORM is outside the scope of this application.

A summary table of information is posted outside of MIMS to provide interested users with the volume of other waste disposed at Energy Solutions that is not reported in MIMS. The [summary table](#) includes the following waste volume data: LLW from DOE, mixed low-level waste (MLLW), NORM, and byproduct material [also known as 11e.(2)].

For additional information contact Jonathan Kang, U.S. Department of Energy, at (301) 903-7178 or jonathan.kang@em.doe.gov.

Waste Disposed at Energy Solutions Clive Utah Facility Not in MIMS Database Scope (Cubic Feet)

DOE Waste Disposed	LLW	MLLW	11e.(2)	NORM	Total DOE Waste
1992	0	0	0	0	0
1993	279	0	0	10,441	10,720
1994	85,563	27,338	135,039	100	248,040
1995	437,880	144,286	776,005	0	1,358,171
1996	1,000,019	323,656	1,490,572	0	2,814,247
1997	1,839,324	242,026	1,389,610	0	3,470,960
1998	884,239	400,616	648	0	1,285,503
1999	3,120,336	443,630	0	0	3,563,966
2000	3,451,595	322,771	0	0	3,774,366
2001	4,961,709	224,041	0	0	5,185,750
2002	5,636,890	279,282	0	0	5,916,172
2003	9,596,749	648,533	0	315	10,245,597
2004	9,098,551	585,497	0	0	9,684,048
2005	11,531,101	295,009	82,994	0	11,909,104
2006	10,050,207	316,239	179,801	0	10,546,247
2007	2,471,383	130,945	0	0	2,602,328
2008	1,488,193	83,790	0	0	1,571,983
2009	1,630,536	221,720	0	0	1,852,256
2010	2,592,140	78,472	0	0	2,670,612
2011	909,324	90,107	0	0	999,431
2012	247,901	71,269	0	0	319,170
2013	222,727	46,475	0	0	269,203
2014	379,613	68,251	0	0	447,864
2015	244,144	37,978	0	0	282,122
2016	136,090	53,945	0	0	190,035
2017	148,194	58,473	0	0	206,667
2018	560,692	54,822	0	29	615,543
2019	192,746	78,620	0	0	271,366
Total	72,725,380	5,249,171	4,054,669	10,885	82,040,105

Non-DOE Waste* Disposed	MLLW	11e.(2)	NORM	Total Non-DOE Waste
1992	72,862	0	609,534	682,396
1993	9,286	0	884,108	893,394
1994	68,731	1,418,373	210,580	1,697,684
1995	146,889	2,172,551	1,358,506	3,677,946
1996	180,069	1,298,294	1,816,590	3,294,953
1997	84,596	2,361,936	2,554,154	5,000,686
1998	13,649	5,722,232	1,259,939	6,995,820
1999	89,506	6,961,615	874,820	7,925,941
2000	70,093	6,390,241	818,358	7,278,692
2001	43,561	4,134,411	537,172	4,715,144
2002	50,828	2,665,161	453,526	3,169,515
2003	44,134	1,823,456	921,742	2,789,332
2004	61,584	2,253,197	764,162	3,078,943
2005	29,417	880,951	228,675	1,139,043
2006	83,388	1,305,956	393,613	1,782,957
2007	16,597	1,121,519	300,157	1,438,273
2008	124,659	505,697	28,054	658,410
2009	25,686	908,035	0	933,721
2010	2,532	1,555,038	223,384	1,780,954
2011	120,282	991,281	12,264	1,123,826
2012	24,194	694,618	43,450	762,262
2013	29,256	269,112	28,330	326,699
2014	14,730	1,315,473	192,065	1,522,267
2015	12,902	405,658	1,085,668	1,504,228
2016	18,046	291,851	653,377	963,274
2017	15,480	466,993	359,700	842,173
2018	20,896	557,148	254,307	832,351
2019	24,705	697,809	193,178	915,693
Total	1,473,854	48,470,797	16,866,235	66,810,886

In accordance with current practice, MLLW totals for 1995 through 2005 have been adjusted upward to reflect inclusion of the quantity of MLLW shipped to the Clive Utah facility for both treatment and disposal in addition to the quantity shipped for disposal only. This treated volume had not previously been included in the total disposal volumes reported.

Site	Year	Volume (ft3)	Vol A	Vol B	Vol C	Activity (curies)	Act A	Act B	Act C	Vol A (m3)	Vol B (m3)	Vol C (m3)	Vol Total (m3)
Barnwell	2019	10,769.70	8,705.40	1,389.60	674.70	30,553.29	251.90	3,315.23	26,986.16	246.5	39.3	19.1	305.0
Barnwell	2018	12,509.50	10,362.50	1,449.80	697.20	1,436.45	301.45	977.64	157.36	293.4	41.1	19.7	354.2
Barnwell	2017	13,510.62	11,484.32	1,184.20	842.10	1,256.09	219.09	637.42	399.58	325.2	33.5	23.8	382.6
Barnwell	2016	7,078.49	4,528.61	1,922.20	627.68	736.55	72.55	587.42	76.58	128.2	54.4	17.8	200.4
Barnwell	2015	9,888.56	7,771.86	1,557.12	559.58	9,618.09	162.49	594.71	8,860.88	220.1	44.1	15.8	280.0
Median		10,769.70	8,705.40	1,449.80	674.70	1,436.45	219.09	637.42	399.58	246.5	41.1	19.1	305.0
Energy Solutions	2019	4,185,374.17	4,185,374.17	0.00	0.00	9,553.56	9,553.56	0.00	0.00	118516.6	0.0	0.0	118516.6
Energy Solutions	2018	5,047,403.77	5,047,403.77	0.00	0.00	11,426.33	11,426.33	0.00	0.00	142926.6	0.0	0.0	142926.6
Energy Solutions	2017	5,014,929.08	5,014,929.08	0.00	0.00	11,986.52	11,986.52	0.00	0.00	142007.0	0.0	0.0	142007.0
Energy Solutions	2016	1,609,959.39	1,609,959.39	0.00	0.00	11,632.51	11,632.51	0.00	0.00	45589.0	0.0	0.0	45589.0
Energy Solutions	2015	1,233,270.46	1,233,270.46	0.00	0.00	13,300.38	13,300.38	0.00	0.00	34922.3	0.0	0.0	34922.3
Median		4,185,374.17	4,185,374.17	0.00	0.00	11,632.51	11,632.51	0.00	0.00	118516.6	0.0	0.0	118516.6
Richland	2019	20,917.79	17,413.25	0.00	0.00	669.66	658.32	0.00	0.00	493.1	0.0	0.0	592.3
Richland	2018	15,285.46	13,454.76	120.00	0.00	1,359.77	1,190.35	164.48	0.00	381.0	3.4	0.0	432.8
Richland	2017	13,909.72	11,121.90	120.00	3.53	9,825.65	63.00	7,752.74	562.90	314.9	3.4	0.1	393.9
Richland	2016	21,217.95	16,946.09	120.00	410.30	75,742.88	219.07	7,673.09	67,555.10	479.9	3.4	11.6	600.8
Richland	2015	27,400.07	24,709.04	15.00	22.50	738.85	361.79	358.00	2.71	699.7	0.4	0.6	775.9
Median		20,917.79	16,946.09	120.00	3.53	1,359.77	361.79	358.00	2.71	479.9	3.4	0.1	592.3
Waste Control Specialists	2019	32,151.25	26,717.78	3,678.30	1,755.17	93,992.05	723.33	4,935.57	88,333.14	756.6	104.2	49.7	910.4
Waste Control Specialists	2018	16,686.79	6,775.35	7,257.60	2,653.84	210,118.58	91.41	9,537.20	200,489.96	191.9	205.5	75.1	472.5
Waste Control Specialists	2017	11,535.46	5,096.36	4,726.86	1,712.24	34,110.65	156.85	4,439.65	29,514.14	144.3	133.8	48.5	326.6
Waste Control Specialists	2016	12,731.65	5,511.51	4,862.67	2,357.47	116,213.84	492.16	4,886.19	110,835.49	156.1	137.7	66.8	360.5
Waste Control Specialists	2015	24,483.90	12,935.19	9,650.85	1,897.86	43,199.41	1,404.82	6,648.10	35,146.49	366.3	273.3	53.7	693.3
Median		16,686.79	6,775.35	4,862.67	1,897.86	93,992.05	492.16	4,935.57	88,333.14	191.9	137.7	53.7	472.5
All	2019	4,249,212.91	4,238,210.60	5,067.90	2,429.87	134,768.56	11,187.11	8,250.80	115,319.30	120012.8	143.5	68.8	120324.3
All	2018	5,091,885.52	5,077,996.38	8,827.40	3,351.04	224,341.13	13,009.54	10,679.32	200,647.32	143792.8	250.0	94.9	144186.1
All	2017	5,053,884.88	5,042,631.66	6,031.06	2,557.87	57,178.91	12,425.46	12,829.81	30,476.62	142791.4	170.8	72.4	143110.1
All	2016	1,650,987.48	1,636,945.60	6,904.87	3,395.45	204,325.78	12,416.29	13,146.70	178,467.17	46353.1	195.5	96.1	46750.8
All	2015	1,295,042.99	1,278,686.55	11,222.97	2,479.94	66,856.73	15,229.48	7,600.81	44,010.08	36208.4	317.8	70.2	36671.5
Median		4,249,212.91	4,238,210.60	6,904.87	2,557.87	134,768.56	12,425.46	10,679.32	115,319.30	120012.8	195.5	72.4	120324.3