

US EPA ARCHIVE DOCUMENT

APPENDIX B

DATA ON AVAILABLE WASTEWATER CAPACITY

This appendix has two sections:

B-1: Discusses available treatment capacity at Centralized Waste Treatment facilities. The information was collected in the 1991 Waste Treatment Industry Questionnaire by the Office of Water and represents 1989 data.

B-2: Wastewater treatment systems data from the 1991 Biennial Reporting System



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

Memorandum

OFFICE OF
WATER

To: Benjie Carroll (OS-321W)

From: Debra DiCianna *Debra DiCianna*
Engineering and Analysis Division (WH-552)

Date: April 30, 1993

Subject: Treatment Capacity Information from Waste Treatment Industry Project

Attached is the information you requested regarding available treatment capacity at Centralized Waste Treatment facilities. This information was collected in the 1991 Waste Treatment Industry Questionnaire by the Office of Water and represents 1989 data. Names and addresses of facilities are also listed.

All of the facilities included have received a final or interim RCRA Permit. None of the information provided pertains to waste which is underground injected. Some facilities did not supply the capacity information requested due to complex operations. Therefore, two totals are presented. One total represents the actual values reported. The second total is scaled-up to included facilities which did not submit data. Below are listed the overall totals:

1989 Reported Capacity Total:	9,669,611,960 gals/year
1989 Scaled-Up Capacity Total:	11,341,084,753 gals/year
(= Reported Capacity Total + 11 x Average Capacity)	

If you wish to obtain any additional information or have any questions, please contact me at (202) 260-7141.

cc: Tudor Davies (WH-551)
Ramona Trovato (WH-550G)
Woody Forsht (WH-552)
Bruce Kobelski (WH-550G)

FACILITY CAPACITY FOR HAZARDOUS WASTE (4/19/83)

NAME	STREET	CITY	STATE	ZIP	MAX CAPACITY (GAL)	% USED (1982)	AMT. AVAILABLE (GAL)
ALTERNATE ENERGY RESOURCES INC	2936 WALDEN DR	AUGUSTA	GA	30604	1,657,200,000	20.02	1,483,387,500
AMERICAN CHEMICAL & REFINING CO.	36 SHEFFIELD ST.	WATERBURY	CT	06704	2,575,000	79	488,750
AMERICAN WASTE OIL CORP	4141 YOST RD	BELLEVILLE	IL	61111	8,240,000	60	1,248,000
APPROPRIATE TECHNOLOGIES II INC	1700 MAXWELL RD	CHILAVISTA	CA	92011	6,942,500	18	7,532,000
BEAVER OIL CO INC	5007 LEVIZI AVE	JODDINGS	IL	60825	14,000,000	20	11,200,000
HELPAR ENVIRONMENTAL OF VIRGINIA INC.	7500 HARVEST ROAD	PRINCE GEORGE	VA	20873	500,000	70	117,000
BOENCO--AUBURN	700 15TH ST SW, MS 89-10	AUBURN	WA	98001	371,805,000	42.43	214,122,800
BRUNSWICK CORP	630 INDUSTRIAL AVE	JNOON	NE	68004	249,982	3	235,872
BRUSH WELLMAN INC	SOUTH FORTAGE RIVER RD	ELMORE	OH	43416	*	*	*
CECOS INTERNATIONAL	P.O. BOX 848 LP.O.	NAGARA FALLS	NY	14304	*	*	*
CECOS INTERNATIONAL INC	4879 SPRING GROVE AVE	CINCINNATI	OH	45232	23,400,000	12	20,582,000
CECOS TREATMENT COOP.	51 BRODERICK RD	BRISTOL	CT	06010	62,500,000	6.02	58,737,000
CHEMOLEAR INC	11800 8 STONY ISLAND AVE	CHICAGO	IL	60617	89,000,000	47	19,000,000
CHEM-TEC SYSTEMS	3800 EAST 26TH STREET	LOS ANGELES	CA	90029	*	*	*
CHEMICAL MANAGEMENT INC	340 EASTERN PARKWAY	FARMINGDALE	NY	11735	7,800,000	44	4,308,000
CHEMICAL PROCESSORS INC	734 B. LUCILE ST.	SEATTLE	WA	98108	13,142,000	40.42	7,830,004
CHEMICAL PROCESSORS INC	PER 91	SEATTLE	WA	98108	*	*	*
CHEMICAL PROCESSORS INC	1701 ALEXANDER AVE.	TACOMA	WA	98421	17,001,200	40.56	10,102,113
CHEMICAL WASTE MANAGEMENT OF NEW JERSEY	100 LISTER AVE	NEWARK	NJ	07103	32,880,000	23	40,471,200
CHEMICAL WASTE MANAGEMENT OF NEW YORK	1135 BNUMBER RD.	MODEL CITY	NY	14107	21,024,000	73	5,678,400
CLARY PROCESSING INC.	300 S. WEST END AVE.	DAYTON	OH	45427	8,500,000	66	910,000
CLEAN HARBORS	2000 BROADWAY	CLEVELAND	OH	44115	69,000,000	65	22,000,000
CLEAN HARBORS INC.	1610 RUSSELL ST.	BALTIMORE	MD	21230	44,100,000	12	39,000,000
COONCO INC PONCAGY CITY	1000 S. PINE	PONCAGY CITY	OK	74008	720,000,000	92	57,000,000
CP CHEMICALS	34400 ZMSSIG WAY	INDIAN CITY	CA	94697	5,000,000	74	1,510,000
CP CHEMICALS INC	ARBOR ST	SEAWAY	NJ	07017	64,000,000	90	5,400,000
CP CHEMICALS INC	HWY 16 SOUTH INDUSTR PK	SUMNER	SC	29150	45,601,800	61	17,784,749
CROSSBY & OVERTON INC	1610 W 17TH ST	LONG BEACH	CA	90813	2,340,000	100	0
CROSSBY AND OVERTON INC PLANT 2	30245 76TH AVE. S.	KENT	WA	98032	20,732,000	0.5121	20,645,728
CYANOGEN	12381 80 HEBERHAW	DETROIT	MI	48227	30,865,000	34	20,570,900
DUPONT EIDE MEMORIALS, CHAMBER WORKS	ROUTE 130	DEERWATER	NJ	08029	14,600,000,000	78	9,212,000,000
DYNOL INC	6520 GEORGIA	DETROIT	MI	48211	36,320,000	49.64	18,280,782
EDWARDS OIL CO	500 S POLICE	DETROIT	MI	48217	21,800,000	60	4,320,000
ELJULLY & CO TIPPEONCE LABS	1600 LILY RD.	AFAYETTE	IN	47902	*	*	*
EMPAK INC. DEER PARK	2759 BATTLEGROUND RD.	DEER PARK	TX	77538	316,411,200	35.01	205,005,008

* Facility did not supply capacity information. Scaled-up total hazardous waste capacity.

NAME	STREET	CITY	STATE	ZIP	MAX. CAPACITY (GAL)	% USED (1989)	AMT. AVAILABLE (GAL)
BI-CYCLE/TEXAS INC.	3500 LP RIVER ROAD	COFFUS CHERSH	TX	78407	120,500,000	20.55	84,892,250
EMWITE COOP	16435 S CENTRAL AVE	WARNEY	IL	60426	10,020,200	60.69	3,516,348
EMWITE COOP	2000 CENTRAL AVE S E	CANTON	OH	44707	63,992,500	43.60	35,908,648
EMWITE CORPORATION	198 OLD WATERBURY RD	THOMASTON	VT	05767	53,500,000	29.81	37,551,850
EMWITE CORPORATION	1000 PENNSYLVANIA AVE	NOFK	PA	17404	30,000,000	79	6,500,000
ENVIRONMENTAL WASTE CONTROL INC	27140 PRINCEJON AV	INGSTER	MI	48141	60,000,000	37	42,000,000
ETICAM	3065 E NEWLANDS DR	FERTLEY	NV	89408	750,400	13.81	643,770
ETICAM	25 GRAYSTONE STREET	WARWICK	RI	02886	6,000,000	42	3,400,000
FAHSHIP SERVICE	220 CHINA BNSIN ST	SAN FRANCISCO	CA	94107	•		
HERITAGE ENVIRONMENTAL SERVICES INC	8132 POMPANO ST	CHARLOTTE	NC	28218	7,500,000	72	2,100,000
INDOALLOY INTERNATIONAL INC.	2200 RIVERSIDE DRIVE	LIMINGTON	NV	89720	•		
INTERCONTINENTAL TERMINALS CO	1948 BATTLEGROUND RD.	DEER PARK	TX	77658	100,000,000	17	69,000,000
ION-DEERE - COMPONENT WORKS	600 WESTFIELD AVE	WATERLOO	IA	50701	43,212,440	63	15,988,803
MAVING CO	116TH AVE, E. 6TH ST, N	NEWTON	IA	50808	390,000,000	73	105,500,000
METRO RECOVERY SYSTEMS	2400 ROSE PLACE	ROSEVILLE	IN	46119	15,130,000	50	7,668,000
MILL SERVICE INC.	BILGER SMITH TWP.	BILGER	PA	15018	74,200,258	56.7	32,128,712
MILL SERVICE INC. YUKON PLT.	RD. NO. 1 CEMETARY LANE	MUNON	PA	15886	164,000,000	44	91,840,000
MORRIS INDUSTRIES INC	3215 BOBOLE AVE	LOS ANGELES	CA	91008	477,791,120	65.08	282,355,184
NORTHWEST EMERGENCY SERVICE INC.	1500 AIRPORT WAY B.	SEATTLE	WA	98134	55,640,000	62.24	19,457,884
OL PROCEEDS CO	5756 ALBA ST.	LOS ANGELES	CA	90008	1,894,333	80.83	383,144
OBECO INCORPORATED	408 SANTA FE PINE BOX 1200	COLUMBIA	IN	46402	•		
PEARL HER NAVY PUBLIC WORKS CTR	NAVAL STATION AREA	PEARL HARBOR	HI	96809	•		
PEONIA DISPOSAL CO - POTTSTOWN	6348 SOUTHPORT RD.	PEONIA	IL	61604	50,000,000	41.75	25,925,000
PETROLEUM RECLAIMING SERVICE INC.	3009 TAYLOR WAY	TACOMA	WA	98421	15,750,000	11	14,017,500
PRATT & WHITNEY AIRCRAFT GROUP MD & CTO	600 MAIN ST	EAST HARTFORD	CT	06108	1,700,088,873	25.45	1,312,578,480
REMEDIAL ENVIRONMENTAL GROUP	1600 CARMAN ST.	CAMDEN	NJ	08105	•		
ROMCO CHEM CORP	2081 BAY RD	EPALD ALTO	CA	94303	4,363,377	59	2,043,168
SLOSS INDUSTRIES CORPORATION	5600 35TH AVEN.	BIRMINGHAM	AL	35207	540,000,000	30	307,160,000
SOLVENT SERVICE CO INC	1021 BERTRESSA RD	SAN JOSE	CA	95130	•		
SOUTHERN CALIFORNIA CHEMICAL CO INC	2651 DICE RD.	SANTA FE SPRINGS	CA	90670	21,560,000	58.77	6,288,105
TEKTRONX INC.	1300 SW KARL BRAUN DR.	BEAVERTON	OR	97007	407,788,113	13.27	353,874,831
TIN EASTMAN DIV EASTMAN KODAK	EASTMAN RD	KINGSFORD	IN	47682	6,710,227	68	1,945,227
TREATMENT ONE, DIV OF BET ENVIRONMENTAL INC	16738 CHESWOOD	KOLISTON	TX	77067	2,000,000	2	1,980,000
TRICOL ENVIRONMENTAL SERVICES INC	1640 AVIATION PKWY	NASHVILLE	TN	37013	66,712,000	8	61,637,820
UNION CARBIDE AGRIPROD CO INC	RIE 25	INSTITUTE	NV	89112	2,102,000,000	57	903,860,000

* Facility did not supply capacity information. Scaled-up total incorporates estimation.

FACILITY CAPACITY FOR HAZARDOUS WASTE (4/19/89)

NAME	STREET	CITY	STATE	ZIP	MAX. CAPACITY (GAL)	% USED (1989)	AMT. AVAILABLE (GAL)
UNITED OIL RECOVERY INC.	138 GRACEY AVE.	MERIDEN	CT	06450	13,140,000	50	6,570,000
US POLLUTION CONTROL INC.	5 M. E. US 281 & I M. N. OK 16	WYANDOKA	OK	73060	6,000,000	50	3,000,000
ENVIRONMENTAL WASTE RESOURCES, INC.	130 FREIGHT ST	WATERBURY	CT	06702	38,535,860	78	8,477,860
HERITAGE ENVIRONMENTAL SERVICES INC.	7001 W MORRIS	INDIANAPOLIS	IN	46224	288,250,000	30.02	208,443,142
RESEARCH OIL CO	3865 TRANSPORT RD	CLEVELAND	OH	44116	66,300,000	49	44,013,000
WASTE CONVERSION INC.	2889 SANDSTONE DR	HATFIELD	PA	19440	56,865,587	80	7,187,117
					TOTAL		9,839,811,000
					AVERAGE VALUE:		
						46	149,224,789
					SCALE-UP TOTALS		11,241,034,789
							(65 to 75)

* Facility did not supply capacity information. Scaled-up total incorporates estimation

Appendix B-2

WASTEWATER TREATMENT SYSTEMS DATA FROM THE 1991 BIENNIAL REPORTING SYSTEM

EPA ID NUMBER	A INF QUANTITY GAL FROM BRS DATA	B MAX OPP CAP GAL FROM BRS DATA	C MAX OPP CAP GAL FROM OJ SURVEY	D LIQ EFF QUAN GAL FROM BRS DATA	E NEW OPP CAPACITY FROM BRS DATA	F DIFFERENCE IN OPP CAP C-B	G AMOUNT AVAILABLE B-A
CAD0050806850	1,106,843	13,250,000	1,894,333	1,082,109	0	-11,355,667	12,143,158
CAD059494310	2,281,976	27,000,000	0	2,280,000	0	-27,000,000	24,718,024
CAT080033681	4,762,512	1,207,824,000	0	4,078,584	0	-1,207,824,000	1,203,061,488
CTD000844399	360,786,560	2,283,660,000	1,760,668,673	414,810,000	0	-522,991,327	1,922,891,440
CTD001184894	574,131	1,370,500	2,375,000	571,370	0	1,004,500	796,369
CTD072138969	11,185,574	28,632,648	38,535,860	9,507,911	0	9,903,212	17,447,074
CTD990672081	60,067,991	777,777,310	1,760,668,673	60,882,904	0	982,891,363	717,709,319
ILD000666206	16,231,493	30,398,036	106,202,000	8,381,001	0	75,803,964	14,166,543
ILD064418353	1,793,987	6,240,000	14,000,000	1,704,941	0	7,760,000	4,446,013
IND006050967	2,772,124,412	50,677,025	0	2,979,115,244	0	-50,677,025	-2,721,447,387
IND093219012	53,475,694	150,804,016	299,290,000	45,735,915	0	148,485,984	97,328,322
IND980555189	1,662,231	50,360,000	44,100,000	3,925,928	0	-6,260,000	48,697,769
MND981098478	4,597,350	8,417,487	15,130,000	2,783,240	0	6,712,513	3,820,137
MCD121700777	1,901,489	7,008,000	75,000,000	1,711,340	0	67,992,000	5,106,511
MED043534635	6,678,629	53,191,794	243,992	6,669,144	0	-52,947,802	46,513,165
NJD002141950	655,428	4,000,000	54,000,000	198,676	0	50,000,000	3,344,572
NJD002385730	10,347,456,240	14,064,054,720	14,600,000,000	10,522,748,640	0	535,945,280	3,716,598,480
NJD089216790	48,923,122	163,112,860	52,560,000	49,675,058	0	-110,552,860	114,189,738
NVD980899338	641,903	5,057,200	750,400	428,907	0	-4,306,800	4,415,297
NVD000691949	11,222,398	0	7,800,000	11,196,084	0	7,800,000	-11,222,398
NYD080336241	25,079,632	240,920,000	0	24,503,779	240,000	-240,920,000	215,840,368
OH0000724153	29,714,577	75,000,000	63,000,000	37,446,700	0	-12,000,000	45,285,423
OH0004178612	16,642,080	98,160,000	86,300,000	13,286,400	94,500,000	-11,860,000	81,517,920
OH0087433744	0	0	23,400,000	0	1,200,000	23,400,000	0
OKD007233836	570,943,381	354,285,248	720,000,000	557,166,418	0	365,714,752	-216,658,133
ORD009020231	185,493,828	728,763,458	407,788,113	577,768,882	28,902,728	-320,975,345	543,269,650
ORD980725592	39,115,200	76,867,000	407,788,113	38,985,200	0	330,921,113	37,751,800
PAD010154045	17,186,856	27,000,000	30,000,000	12,783,720	66,000,000	3,000,000	9,813,144
PAD059087072	26,770,000	981,120,000	74,200,258	53,472,500	220,544,853	-906,919,742	954,350,000
PAD085690592	1,483,895	434,280	35,985,587	127,569,600	0	35,551,307	-1,049,615
RID980904986	1,416,960	3,981,224	6,000,000	1,733,520	0	2,038,776	2,544,264
TMD003376928	7,835,470,800	8,400,000,000	8,710,227	7,835,470,800	0	-8,391,289,773	564,529,200
WAD041337130	282,837,630	366,313,416	37,193,500	282,401,819	0	-329,119,916	83,475,786
WVD004325353	1,743,953,866	2,188,298,888	2,102,000,000	2,537,140,000	0	-86,298,888	444,345,022
WVD076826015	223,468,565	93,013,402	0	217,813,732	0	-93,013,402	-130,455,164
TOTAL	24,707,689,233	32,566,972,513	22,835,584,729	26,444,830,066	411,387,581	-9,731,387,784	7,859,283,279