

N.C. Solid Waste Management Annual Report Fiscal Year 2008-2009

Appendices A-D

Solid Waste Management

North Carolina Department of Environment and Natural Resources, Division of
Waste Management

APPENDIX A-1: PUBLIC AND PRIVATE MUNICIPAL SOLID WASTE AND CONSTRUCTION DEMOLITION DISPOSAL, FISCAL YEAR 2008-2009

PERMIT #	FACILITY	TONS				
		2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
1304-MSWLF-1992	BFI-CHARLOTTE MTR SPEEDWAY LANDFILL V	1,072,224	1,255,717	1,248,755	1,240,561	1,188,880
8202-MSWLF-2000	WI-SAMPSON COUNTY DISPOSAL INC	849,094	866,528	981,779	1,073,936	1,054,305
6204-MSWLF-1995	UWHARRIE ENV. REG. LANDFILL	729,158	760,704	729,708	968,212	817,244
0803-MSWLF-1993	EAST CAROLINA REG LANDFILL	507,877	519,758	556,607	511,882	478,571
9222-MSWLF-2008	WAKE COUNTY SOUTH WAKE MSWLF				95,471	463,126
U0024-MSWLF	BRUNSWICK LANDFILL, VA	378,781	411,107	448,053	378,178	293,981
1403-MSWLF-1998	FOOTHILLS ENVIRONMENTAL LANDFILL	203,788	219,353	379,118	326,026	240,485
3402-MSWLF-1997	HANES MILL ROAD LANDFILL	274,561	266,504	276,116	250,627	239,490
7304-MSWLF-1997	UPPER PIEDMONT REG LANDFILL	238,823	244,695	198,233	226,710	225,184
U0017-MSWLF	PALMETTO LANDFILL, SC	507,307	538,508	435,098	254,661	224,314
2509-MSWLF-1999	CRSWMA - LONG TERM REGIONAL LANDFILL	211,127	236,436	232,555	217,483	196,418
4903-MSWLF-1993	IREDELL COUNTY SANITARY LF	149,417	162,637	167,950	162,208	187,177
2601-MSWLF-1997	CUMBERLAND COUNTY LANDFILL	173,797	171,151	177,756	164,214	168,473
0403-MSWLF-2009	CHAMBERS DEVELOPMENT MSWLF	288,249	262,093	273,112	208,982	156,380
3606-MSWLF-1997	GASTON COUNTY LANDFILL	70,905	97,159	108,616	156,983	146,775
6013-CDLF-1993	NORTH MECKLENBURG C&D LANDFILL	180,578	119,795	129,209	115,678	138,359
8003-MSWLF-1988	ROWAN COUNTY LANDFILL	75,524	98,548	94,642	86,548	136,751
1803-MSWLF-1997	CATAWBA COUNTY LANDFILL	168,140	167,988	165,384	151,007	132,901
1107-MSWLF-1996	BUNCOMBE COUNTY MSW LANDFILL	173,774	122,034	117,215	143,994	131,895
U0038-MSWLF	R&B LANDFILL	34,758	38,676	139,763	132,973	126,844
9231-CDLF-	MATERIAL RECOVERY/ BROWNFIELD RD C&D LANDFILL	141,043	148,244	154,814	177,563	124,986
6709-MSWLF-1997	ONslow COUNTY SUBTITLE D LANDFILL	131,685	141,239	142,155	134,127	124,025
6504-MSWLF-1981	NEW HANOVER COUNTY LANDFILL	171,425	245,781	199,633	155,311	119,808
6505I-MSWLF-1984	NEW HANOVER WASTE-TO-ENERGY FACILITY	104,755	70,974	107,837	94,254	116,426
5103-MSWLF-	JOHNSTON COUNTY LANDFILL				116,086	103,501
2608-CDLF-1998	FORT BRAGG C&D LANDFILL	189,861	218,565	105,986	93,460	100,423
9228-CDLF-2001	RED ROCK DISPOSAL, LLC	168,931	183,704	200,361	201,597	98,962
7803-MSWLF-1997	ROBESON COUNTY LANDFILL	95,585	89,296	90,005	86,534	88,329
9226-CDLF-2001	SHOTWELL LANDFILL INC.	30,204	36,600	56,192	85,871	87,513
7904-MSWLF-1995	ROCKINGHAM COUNTY LANDFILL	89,388	89,212	90,072	89,844	83,878
2301-MSWLF-1998	CLEVELAND COUNTY LANDFILL EAST MSWLF	94,667	90,761	91,211	88,344	82,027
1306-CDLF-2000	HIGHWAY 49 C&D LANDFILL AND RECYCLING	101,695	112,072	116,544	97,422	81,863
4104-MSWLF-1991	HIGH POINT CITY OF - LANDFILL	99,207	85,889	99,820	84,843	81,676
6019-MSWLF-2000	MECKLENBURG COUNTY LANDFILL	140,348	158,035	165,239	129,780	79,173
0104-MSWLF-1994	AUSTIN QUARTER SWM FACILITY	82,685	74,163	84,078	82,929	78,476
4116-CDLF-	WCA OF HIGHPOINT, LLC	100,237	114,093	37,018	56,947	78,211

APPENDIX A-1: PUBLIC AND PRIVATE MUNICIPAL SOLID WASTE AND CONSTRUCTION DEMOLITION DISPOSAL, FISCAL YEAR 2008-2009

PERMIT #	FACILITY	TONS				
		2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
9606-MSWLF-1998	WAYNE COUNTY LANDFILL	92,938	92,481	81,030	83,682	73,201
4103-CDLF-1998	GREENSBORO, CITY OF	126,427	145,871	130,951	95,755	72,124
9230-CDLF-	HWY 55 C & D LANDFILL, LLC	72,421	69,182	92,916	80,195	66,174
8606-MSWLF-1998	SURRY COUNTY MSWLF	69,190	80,985	79,601	75,717	64,551
3412-CDLF-1995	OLD SALISBURY ROAD CDLF	117,119	102,059	101,390	84,880	59,137
9704-MSWLF-1993	WILKES COUNTY MSWLF	61,649	57,391	58,121	58,220	57,484
2906-MSWLF-2008	DAVIDSON COUNTY MSW LINED LANDFILL					57,458
2906-MSWLF-1994	DAVIDSON CO MSW LINED LANDFILL	104,040	100,574	103,997	114,485	54,298
4407-MSWLF-1993	HAYWOOD CO WHITE OAK LANDFILL	56,055	42,790	58,455	56,368	50,881
6801-MSWLF-1982	ORANGE COUNTY MSWLF	56,308	57,570	57,301	55,421	50,760
U0050-MSWLF	RICHLAND LANDFILL, INC			5,946	66,652	49,919
U0030-MSWLF	IRIS GLENN LANDFILL, TN	53,126	53,706	56,595	54,760	48,689
5409-MSWLF-	LENOIR COUNTY MSW LANDFILL	33,323	43,600	56,692	50,728	47,910
8401-MSWLF-1999	ALBEMARLE, CITY OF-LANDFILL	49,910	49,424	46,614	45,564	46,047
6708-MSWLF-1997	CAMP LEJEUNE MSW LANDFILL	49,418	50,802	46,612	40,672	45,920
5503-MSWLF-1986	LINCOLN COUNTY LANDFILL	52,013	45,935	45,090	44,680	45,508
1302-CDLF-2006	Cabarrus County CDLF	31,461	158,626	67,811	55,637	45,090
U0048-MSWLF	UNION COUNTY LANDFILL, SC	51,338	136,450	170,712	52,871	44,402
7407-CDLF-2001	C & D LANDFILL INC.(Phase 1)	54,373	59,339	62,341	54,887	41,955
2301-CDLF-1997	CLEVELAND COUNTY CDLF	25,762	25,155	60,056	50,425	41,273
3606-CDLF-1995	GASTON COUNTY C&D LANDFILL	50,427	47,529	52,869	48,802	35,112
1803-CDLF-	CATAWBA COUNTY C&D UNIT	30,106	40,246	49,733	38,745	32,911
5703-MSWLF-1992	MACON COUNTY LANDFILL OPEN	27,746	27,783	27,517	27,999	32,706
1107-CDLF-1998	BUNCOMBE COUNTY C&D UNIT	39,252	58,730	66,388	62,750	32,529
5504-CDLF-1999	BFI-LAKE NORMAN LANDFILL	85,247	112,369	89,781	79,992	31,303
5103-CDLF-	JOHNSTON COUNTY C&D LANDFILL				36,159	29,517
1007-CDLF-1997	BRUNSWICK COUNTY CDLF	63,913	76,390	71,402	45,168	26,684
8807-MSWLF-1990	TRANSYLVANIA COUNTY LANDFILL	28,303	26,732	28,090	28,912	23,828
6301-CDLF-1992	MOORE COUNTY C&D LANDFILL	29,823	36,406	36,125	36,469	23,407
9601-CDLF-1997	WAYNE COUNTY CDLF	31,616	28,569	30,382	36,067	22,501
U0039-MSWLF	ATLANTIC WASTE DISPOSAL INC.	44,864	32	99	4,523	21,810
7803-CDLF-1997	ROBESON COUNTY CDLF	11,058	31,801	25,529	17,709	19,233
0501-MSWLF-1993	ASHE COUNTY LANDFILL	21,704	22,643	22,922	24,346	18,075
2601-CDLF-1997	CUMBERLAND COUNTY C&D UNIT	30,245	40,163	46,198	44,143	17,911
U0035-MSWLF	BRISTOL LANDFILL, VA	14,314	14,208	14,486	16,814	16,879
4302-CDLF-1998	HARNETT COUNTY CDLF	24,200	20,115	20,312	20,798	16,566

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PERMIT #	FACILITY	TONS				
		2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
8401-CDLF-1997	ALBEMARLE, CITY OF, CDLF	30,318	28,413	27,324	22,397	16,363
2002-MSWLF-1998	CHEROKEE COUNTY MSW FACILITY	18,631	20,113	19,687	20,558	16,096
9001-CDLF-1998	UNION COUNTY C&D	20,278	27,859	27,989	13,691	15,771
3901-CDLF-1997	GRANVILLE COUNTY CDLF	24,579	31,260	25,446	20,630	15,160
2803-CDLF-1995	DARE COUNTY C&D LANDFILL	32,390	15,368	28,608	21,282	14,881
0105-CDLF-1998	COBLES C&D LANDFILL	57,825	55,849	49,981	40,428	14,488
5403-CDLF-1997	LENOIR COUNTY CDLF	25,576	19,191	15,009	12,720	13,581
3301-CDLF-1997	EDGCOMBE COUNTY CDLF	11,778	7,670	9,254	14,272	13,377
7002-CDLF-1996	PASQUOTANK COUNTY C&D LANDFILL	20,129	23,710	18,029	13,858	13,268
8103-CDLF-2002	RUTHERFORD County C&D	20,604	21,768	19,291	19,650	12,953
9809-CDLF-	WILSON COUNTY WESTSIDE C&D LANDFILL	22,137	31,442	28,725	26,888	12,419
U0033-MSWLF	PINEBLUFF LANDFILL, GA	14,414	13,010	13,410	12,549	11,590
5503-CDLF-1999	LINCOLN COUNTY C&D UNIT	16,097	10,351	10,787	7,809	11,265
6403-CDLF-2000	NASH COUNTY C&D LANDFILL	11,928	18,690	15,692	14,525	11,028
6804-CDLF-2005	ORANGE COUNTY C&D LANDFILL				16,756	10,991
7606-CDLF-2001	GOLD HILL ROAD C&D DEBRIS LANDFILL	12,401	13,327	12,913	12,180	10,807
U0051-MSWLF	TIDII WASTE LANDFILL			5,061	8,852	9,636
2906-CDLF-	DAVIDSON COUNTY CDLF	10,638	7,999	12,725	11,949	9,314
4303-CDLF-1997	HARNETT CO ANDERSON CRK C&D LANDFILL	10,695	13,237	13,160	10,323	9,313
1203-CDLF-1998	BURKE COUNTY CDLF	18,631	19,339	19,742	15,376	9,298
8301-CDLF-1997	SCOTLAND County CDLF	23,874	16,078	14,971	12,755	8,483
U0047-MSWLF	EAGLE POINT MUNICIPAL SOLID WASTE LANDFILL	8,398	8,744	9,137	9,157	8,452
4112-MSWLF-1997	GREENSBORO, CITY OF	219,090	201,396	101,965	9,615	7,766
5901-CDLF-1995	MARTIN COUNTY C&D LANDFILL	3,567	9,518	5,957	8,443	5,449
4204-CDLF-1998	HALIFAX COUNTY CDLF	4,707	6,957	5,267	5,861	4,445
U0034-MSWLF	LEE COUNTY LANDFILL, SC		10,194	7,066	4,878	4,428
5803-CDLF-1995	MADISON COUNTY C&D UNIT	14,803	6,327	4,647	5,766	4,034
0104-CDLF-1993	AUSTIN QUARTER C&D UNIT	4,783	5,102	4,694	4,539	3,990
U0049-MSWLF	SOUTHEASTERN REGIONAL LANDFILL			16,426	18,023	2,661
0201-CDLF-1997	ALEXANDER COUNTY CDLF	1,556	2,444	2,474	2,167	1,688
9404-CDLF-1996	WASHINGTON COUNTY C&D LANDFILL	2,268	1,856	1,512	1,122	1,334
4002-CDLF-1997	GREENE COUNTY CDLF	1,627	2,635	2,311	1,774	750
8202-CDLF-1996	WI-SAMPSON County C&D UNIT	3,623	2,357	1,087	942	739
0603-CDLF-1996	AVERY COUNTY C&D LANDFILL	3,855	3,460	4,950	3,888	
0905-CDLF-2000	BLADEN COUNTY C&D LANDFILL	5,469	5,309	4,221	3,903	
10002-CDLF-1997	YANCEY-MITCHELL C&D LANDFILL	6,519	5,851	4,508	5,606	

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PERMIT #	FACILITY	TONS				
		2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
3406-MSWLF-1989	PIEDMONT SANITARY LANDFILL	7,930				
4407-CDLF-	HAYWOOD COUNTY C&D UNIT	7,498	15,594	1,216	1,187	
4501-CDLF-1998	HENDERSON COUNTY C&D LANDFILL	12,628	11,450	20,966	22,783	
4903-CDLF-1993	IREDELL COUNTY C&D UNIT	54,252	51,545	58,094	51,655	
5101-CDLF-1998	JOHNSTON COUNTY C&D LANDFILL	31,233	39,646	40,832	1,830	
5103-MSWLF-1997	JOHNSTON COUNTY LANDFILL	108,751	109,822	113,684	113,293	
5301-CDLF-2002	LEE COUNTY C&D LANDFILL	7,637	7,767	6,434	5,971	
5704-CDLF-1993	HIGHLANDS C&D LANDFILL	9,463	9,383	9,801	9,463	
6801-CDLF-1993	ORANGE COUNTY C&D UNIT	16,084	16,157	16,546		
7502-CDLF-2002	POLK COUNTY C&D LANDFILL	5,524	2,481			
8003-CDLF-	ROWAN COUNTY C&D UNIT	35,070	38,939	45,673	25,360	
8602-CDLF-2001	SURRY County C&D LANDFILL	13,680	16,260	13,744	4,653	
8603-CDLF-2000	SURRY County C&D LANDFILL	3,448	1,359	196	1,179	
9003-CDLF-1995	GRIFFIN FARMS CDLF	33,639	42,747	42,844	33,572	
9209-MSWLF-1996	WAKE COUNTY LANDFILL-NORTH	371,635	434,566	440,445	344,467	
9214-CDLF-1993	BFI-HOLLY SPRINGS DISPOSAL INC	46,975	54,771	20,458		
9801-CDLF-1997	WILSON COUNTY CDLF	7,885				
U0002-CDLF	NORTHAMPTON CO. C&D STOCKPILE	656	506			
U0037-MSWLF	AMELIA LANDFILL AND RECYCLING FACILITY	364	361	261	442	
U0041-MSWLF	BFI, CARTER VALLEY	9,500	9,311	5,044		
U0042-CDLF					977	
U0043-MSWLF	WASTE MANAGEMENT OF HAMPTON ROADS			2,046	3,385	
U0053-MSWLF	SCREAMING EAGLE LANDFILL				56,314	
TOTAL	ALL LANDFILLS	11,186,326	11,903,163	11,967,010	11,543,906	10,046,395
	N.C. LANDFILLS	10,068,505	10,668,350	10,637,808	10,467,899	9,182,790
	OUT OF STATE LANDFILLS (UNPERMITTED)	1,117,821	1,234,813	1,329,202	1,076,008	863,604

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5409-MSWLF-	LENOIR COUNTY MSW LANDFILL	33,323	43,600	56,692	50,728	47,910
8401-MSWLF-1999	ALBEMARLE, CITY OF-LANDFILL	49,910	49,424	46,614	45,564	46,047
6708-MSWLF-1997	CAMP LEJEUNE MSW LANDFILL	49,418	50,802	46,612	40,672	45,920
5503-MSWLF-1986	LINCOLN COUNTY LANDFILL	52,013	45,935	45,090	44,680	45,508
U0048-MSWLF	UNION COUNTY LANDFILL, SC	51,338	136,450	170,712	52,871	44,402
5703-MSWLF-1992	MACON COUNTY LANDFILL OPEN	27,746	27,783	27,517	27,999	32,706
8807-MSWLF-1990	TRANSYLVANIA COUNTY LANDFILL	28,303	26,732	28,090	28,912	23,828
U0039-MSWLF	ATLANTIC WASTE DISPOSAL INC.	44,864	32	99	4,523	21,810
0501-MSWLF-1993	ASHE COUNTY LANDFILL	21,704	22,643	22,922	24,346	18,075
U0035-MSWLF	BRISTOL LANDFILL, VA	14,314	14,208	14,486	16,814	16,879
2002-MSWLF-1998	CHEROKEE COUNTY MSW FACILITY	18,631	20,113	19,687	20,558	16,096
U0033-MSWLF	PINEBLUFF LANDFILL, GA	14,414	13,010	13,410	12,549	11,590
U0051-MSWLF	TIDI1 WASTE LANDFILL			5,061	8,852	9,636
U0047-MSWLF	EAGLE POINT MUNICIPAL SOLID WASTE LANDFILL	8,398	8,744	9,137	9,157	8,452
4112-MSWLF-1997	GREENSBORO, CITY OF	219,090	201,396	101,965	9,615	7,766
U0034-MSWLF	LEE COUNTY LANDFILL, SC		10,194	7,066	4,878	4,428
U0049-MSWLF	SOUTHEASTERN REGIONAL LANDFILL			16,426	18,023	2,661
3406-MSWLF-1989	PIEDMONT SANITARY LANDFILL	7,930				
5103-MSWLF-1997	JOHNSTON COUNTY LANDFILL	108,751	109,822	113,684	113,293	
9209-MSWLF-1996	WAKE COUNTY LANDFILL-NORTH	371,635	434,566	440,445	344,467	
U0037-MSWLF	AMELIA LANDFILL AND RECYCLING FACILITY	364	361	261	442	
U0041-MSWLF	BFI, CARTER VALLEY	9,500	9,311	5,044		
U0043-MSWLF	WASTE MANAGEMENT OF HAMPTON ROADS			2,046	3,385	
U0053-MSWLF	SCREAMING EAGLE LANDFILL				56,314	
TOTAL	ALL LANDFILLS	8,741,999	9,195,568	9,494,622	9,316,654	8,477,465
	N.C. LANDFILLS	7,624,833	7,961,262	8,165,420	8,241,623	7,613,861
	OUT OF STATE LANDFILLS	1,117,166	1,234,307	1,329,202	1,075,031	863,604

APPENDIX A-1b: PUBLIC AND PRIVATE CONSTRUCTION AND DEMOLITION DISPOSAL, FISCAL YEAR 2008-2009

PERMIT #	FACILITY	TONS				
		2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
6013-CDLF-1993	NORTH MECKLENBURG C&D LANDFILL	180,578	119,795	129,209	115,678	138,359
9231-CDLF-	MATERIAL RECOVERY/ BROWNFIELD RD C&D LANDFILL	141,043	148,244	154,814	177,563	124,986
2608-CDLF-1998	FORT BRAGG C&D LANDFILL	189,861	218,565	105,986	93,460	100,423
9228-CDLF-2001	RED ROCK DISPOSAL, LLC	168,931	183,704	200,361	201,597	98,962
9226-CDLF-2001	SHOTWELL LANDFILL INC.	30,204	36,600	56,192	85,871	87,513
1306-CDLF-2000	HIGHWAY 49 C&D LANDFILL AND RECYCLING	101,695	112,072	116,544	97,422	81,863
4116-CDLF-	WCA OF HIGHPOINT, LLC	100,237	114,093	37,018	56,947	78,211
4103-CDLF-1998	GREENSBORO, CITY OF	126,427	145,871	130,951	95,755	72,124
9230-CDLF-	HWY 55 C & D LANDFILL, LLC	72,421	69,182	92,916	80,195	66,174
3412-CDLF-1995	OLD SALISBURY ROAD CDLF	117,119	102,059	101,390	84,880	59,137
1302-CDLF-2006	Cabarrus County CDLF	31,461	158,626	67,811	55,637	45,090
7407-CDLF-2001	C & D LANDFILL INC.(Phase 1)	54,373	59,339	62,341	54,887	41,955
2301-CDLF-1997	CLEVELAND COUNTY CDLF	25,762	25,155	60,056	50,425	41,273
3606-CDLF-1995	GASTON COUNTY C&D LANDFILL	50,427	47,529	52,869	48,802	35,112
1803-CDLF-	CATAWBA COUNTY C&D UNIT	30,106	40,246	49,733	38,745	32,911
1107-CDLF-1998	BUNCOMBE COUNTY C&D UNIT	39,252	58,730	66,388	62,750	32,529
5504-CDLF-1999	BFI-LAKE NORMAN LANDFILL	85,247	112,369	89,781	79,992	31,303
5103-CDLF-	JOHNSTON COUNTY C&D LANDFILL				36,159	29,517
1007-CDLF-1997	BRUNSWICK COUNTY CDLF	63,913	76,390	71,402	45,168	26,684
6301-CDLF-1992	MOORE COUNTY C&D LANDFILL	29,823	36,406	36,125	36,469	23,407
9601-CDLF-1997	WAYNE COUNTY CDLF	31,616	28,569	30,382	36,067	22,501
7803-CDLF-1997	ROBESON COUNTY CDLF	11,058	31,801	25,529	17,709	19,233
2601-CDLF-1997	CUMBERLAND COUNTY C&D UNIT	30,245	40,163	46,198	44,143	17,911
4302-CDLF-1998	HARNETT COUNTY CDLF	24,200	20,115	20,312	20,798	16,566
8401-CDLF-1997	ALBEMARLE, CITY OF, CDLF	30,318	28,413	27,324	22,397	16,363
9001-CDLF-1998	UNION COUNTY C&D	20,278	27,859	27,989	13,691	15,771
3901-CDLF-1997	GRANVILLE COUNTY CDLF	24,579	31,260	25,446	20,630	15,160
2803-CDLF-1995	DARE COUNTY C&D LANDFILL	32,390	15,368	28,608	21,282	14,881
0105-CDLF-1998	COBLES C&D LANDFILL	57,825	55,849	49,981	40,428	14,488
5403-CDLF-1997	LENOIR COUNTY CDLF	25,576	19,191	15,009	12,720	13,581
3301-CDLF-1997	EDGCOMBE COUNTY CDLF	11,778	7,670	9,254	14,272	13,377
7002-CDLF-1996	PASQUOTANK COUNTY C&D LANDFILL	20,129	23,710	18,029	13,858	13,268
8103-CDLF-2002	RUTHERFORD County C&D	20,604	21,768	19,291	19,650	12,953
9809-CDLF-	WILSON COUNTY WESTSIDE C&D LANDFILL	22,137	31,442	28,725	26,888	12,419
5503-CDLF-1999	LINCOLN COUNTY C&D UNIT	16,097	10,351	10,787	7,809	11,265
6403-CDLF-2000	NASH COUNTY C&D LANDFILL	11,928	18,690	15,692	14,525	11,028

APPENDIX A-1b: PUBLIC AND PRIVATE CONSTRUCTION AND DEMOLITION DISPOSAL, FISCAL YEAR 2008-2009

PERMIT #	FACILITY	TONS				
		2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
6804-CDLF-2005	ORANGE COUNTY C&D LANDFILL				16,756	10,991
7606-CDLF-2001	GOLD HILL ROAD C&D DEBRIS LANDFILL	12,401	13,327	12,913	12,180	10,807
2906-CDLF-	DAVIDSON COUNTY CDLF	10,638	7,999	12,725	11,949	9,314
4303-CDLF-1997	HARNETT CO ANDERSON CRK C&D LANDFILL	10,695	13,237	13,160	10,323	9,313
1203-CDLF-1998	BURKE COUNTY CDLF	18,631	19,339	19,742	15,376	9,298
8301-CDLF-1997	SCOTLAND County CDLF	23,874	16,078	14,971	12,755	8,483
5901-CDLF-1995	MARTIN COUNTY C&D LANDFILL	3,567	9,518	5,957	8,443	5,449
4204-CDLF-1998	HALIFAX COUNTY CDLF	4,707	6,957	5,267	5,861	4,445
5803-CDLF-1995	MADISON COUNTY C&D UNIT	14,803	6,327	4,647	5,766	4,034
0104-CDLF-1993	AUSTIN QUARTER C&D UNIT	4,783	5,102	4,694	4,539	3,990
0201-CDLF-1997	ALEXANDER COUNTY CDLF	1,556	2,444	2,474	2,167	1,688
9404-CDLF-1996	WASHINGTON COUNTY C&D LANDFILL	2,268	1,856	1,512	1,122	1,334
4002-CDLF-1997	GREENE COUNTY CDLF	1,627	2,635	2,311	1,774	750
8202-CDLF-1996	WI-SAMPSON County C&D UNIT	3,623	2,357	1,087	942	739
0603-CDLF-1996	AVERY COUNTY C&D LANDFILL	3,855	3,460	4,950	3,888	
0905-CDLF-2000	BLADEN COUNTY C&D LANDFILL	5,469	5,309	4,221	3,903	
10002-CDLF-1997	YANCEY-MITCHELL C&D LANDFILL	6,519	5,851	4,508	5,606	
4407-CDLF-	HAYWOOD COUNTY C&D UNIT	7,498	15,594	1,216	1,187	
4501-CDLF-1998	HENDERSON COUNTY C&D LANDFILL	12,628	11,450	20,966	22,783	
4903-CDLF-1993	IREDELL COUNTY C&D UNIT	54,252	51,545	58,094	51,655	
5101-CDLF-1998	JOHNSTON COUNTY C&D LANDFILL	31,233	39,646	40,832	1,830	
5301-CDLF-2002	LEE COUNTY C&D LANDFILL	7,637	7,767	6,434	5,971	
5704-CDLF-1993	HIGHLANDS C&D LANDFILL	9,463	9,383	9,801	9,463	
6801-CDLF-1993	ORANGE COUNTY C&D UNIT	16,084	16,157	16,546		
7502-CDLF-2002	POLK COUNTY C&D LANDFILL	5,524	2,481			
8003-CDLF-	ROWAN COUNTY C&D UNIT	35,070	38,939	45,673	25,360	
8602-CDLF-2001	SURRY County C&D LANDFILL	13,680	16,260	13,744	4,653	
8603-CDLF-2000	SURRY County C&D LANDFILL	3,448	1,359	196	1,179	
9003-CDLF-1995	GRIFFIN FARMS CDLF	33,639	42,747	42,844	33,572	
9214-CDLF-1993	BFI-HOLLY SPRINGS DISPOSAL INC	46,975	54,771	20,458		
9801-CDLF-1997	WILSON COUNTY CDLF	7,885				
U0002-CDLF	NORTHAMPTON CO. C&D STOCKPILE	656	506			
U0042-CDLF					977	
TOTAL	ALL LANDFILLS	2,444,327	2,707,594	2,472,388	2,227,253	1,568,930
	N.C. LANDFILLS	2,443,672	2,707,088	2,472,388	2,226,275	1,568,930
	OUT OF STATE LANDFILLS (UNPERMITTED)	656	506		977	

APPENDIX A-2: INDUSTRIAL WASTE DISPOSAL, FISCAL YEAR 2008-2009

PERMIT #	FACILITY	TONS				
		2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
7302-INDUS-1988	CAROLINA POWER & LIGHT CO	424,991	366,747	420,957	703,629	632,738
4406-INDUS-1984	BLUE RIDGE PAPER PRODUCTS, INC.	278,181	304,512	315,997	338,040	415,884
8504-INDUS-	DUKE ENERGY CORPORATION- BELEWS CREEK CRAIG RD LANDFILL			-	1,802	165,476
8505-INDUS-	DUKE ENERGY CORP.- BELEWS CREEK FGD RESIDUE LANDFILL			-	54,613	139,996
2402-INDUS-1972	INTERNATIONAL PAPER	73,473		137,899	102,038	87,486
9401-INDUS-1980	DOMTAR PAPER COMPANY LANDFILL					70,583
1809-INDUS-	DUKE POWER/MARSHALL STEAM PLT FGD			2,548	22,274	30,937
9703-INDUS-1981	LOUISIANA-PACIFIC CORPORATION	3,135	2,568	3,130	4,838	5,036
6004-INDUS-1981	DUKE POWER COMPANY McGuire	4,287	2,327	2,333	3,950	3,152
4204-INDUS-1994	HALIFAX COAL ASH LANDFILL	2,362	3,232	5,453	2,035	2,332
7602-INDUS-1983	EVEREADY BATTERY	538	590	956	632	347
1804-INDUS-1983	DUKE POWER/MARSHALL STEAM PLT	685	1,064	3,045	4,911	
3405-INDUS-1986	R J REYNOLDS			1,570		
5603-INDUS-1981	COLLINS & AIKMAN	6,724	3,472	-		
9401-INDUS-2008	DOMTAR PAPER COMPANY LANDFILL	111,463	129,729	85,423	58,963	
TOTAL		905,838	814,240	979,311	1,297,725	1,553,968

APPENDIX A-3: TRANSFER STATION AND MIXED WASTE PROCESSING FACILITIES, FISCAL YEAR 2008-2009

PERMIT #	FACILITY	2008-2009	DISPOSAL DESTINATION	PERMIT #
0202-T	ALEXANDER CO. TRANSFER STATION	19,228	FOOTHILLS ENVIRONMENTAL LANDFILL	1403
0303-T	ALLEGHANY COUNTY TRANSFER FACILITY	2,145	FOOTHILLS ENVIRONMENTAL LANDFILL	1403
0303-T	ALLEGHANY COUNTY TRANSFER FACILITY	6,522	BFI-CHARLOTTE MTR SPEEDWAY LANDFILL V	1304
9229	APEX C&D WASTE TRANSFER FACILITY	35,354	SHOTWELL LANDFILL INC.	9226
9229	APEX C&D WASTE TRANSFER FACILITY	253	RED ROCK DISPOSAL, LLC	9228
0703-T	ARS - BEAUFORT TRANSFER STATION	37,586	EAST CAROLINA REG LANDFILL	0803
0602-T	AVERY COUNTY TRANSFER STATION	16,888	BRISTOL LANDFILL, VA	
4118-T	BISHOP ROAD TRANSFER STATION	150,949	UWHARRIE ENV. REG. LANDFILL	6204
0904-T	BLADEN COUNTY TRANSFER STATION	20,403	WI-SAMPSON COUNTY DISPOSAL INC	8202
1010-T	BRUNSWICK COUNTY TRANSFER STATION	78,578	WI-SAMPSON COUNTY DISPOSAL INC	8202
1108-T	BUNCOME COUNTY TRANSFER STATION	59,507	BUNCOMBE COUNTY MSW LANDFILL	1107
1205-T	BURKE COUNTY TRANSFER FACILITY	51,101	FOOTHILLS ENVIRONMENTAL LANDFILL	1403
9237-T	CAPITAL WASTE TRANSFER STATION	11,398	SHOTWELL LANDFILL INC.	9226
1604	CARTERET COUNTY TRANSFER STATION	94,032	CRSWMA - LONG TERM REGIONAL LANDFILL	2509
9211-T	CARY TOWN OF - TRANSFER STATION	18,509	WAKE COUNTY SOUTH WAKE MSWLF	9222
2510-T	CHERRY POINT TRANSFER STATION	5,384	CRSWMA - LONG TERM REGIONAL LANDFILL	2509
7605-T	CITY OF ASHEBORO RECYCLING/SOLID WASTE TRAN	17,273	UWHARRIE ENV. REG. LANDFILL	6204
3212-T	CITY OF DURHAM TRANSFER STATION	170,317	BRUNSWICK LANDFILL, VA	
2609	CITY OF FAYETTEVILLE/ WASTE INDUSTRIES TRANS	83,737	WI-SAMPSON COUNTY DISPOSAL INC	8202

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APPENDIX A-3: TRANSFER STATION AND MIXED WASTE PROCESSING FACILITIES, FISCAL YEAR 2008-2009

PERMIT #	FACILITY	2008-2009	DISPOSAL DESTINATION	PERMIT #
1808-T	CITY OF HICKORY TRANSFER STATION	25,939	CATAWBA COUNTY LANDFILL	1803
9233-T	CITY OF RALEIGH TRANSFER STATION	276,320	WAKE COUNTY SOUTH WAKE MSWLF	9222
6405-T	CITY OF ROCKY MOUNT TRANSFER STATION #2	67,217	BRUNSWICK LANDFILL, VA	
2202-T	CLAY COUNTY TRANSFER STATION	4,934	PINEBLUFF LANDFILL, GA	
2403-T	COLUMBUS COUNTY TRANSFER STATION	40,334	WI-SAMPSON COUNTY DISPOSAL INC	8202
2703-T	CURRITUCK TRANSFER STATION	26,977	EAST CAROLINA REG LANDFILL	0803
9224	D.H. GRIFFIN RECLAMATION CENTER	66,084	MATERIAL RECOVERY/ BROWNFIELD RD C&D LANDF	9231
2805-T	DARE COUNTY TRANSFER STATION	49,435	EAST CAROLINA REG LANDFILL	0803
7903-T	EDEN, CITY OF TRANSFER STATION	5,141	ROCKINGHAM COUNTY LANDFILL	7904
3302-T	EDGCOMBE COUNTY TRANSFER STATION	20,696	EAST CAROLINA REG LANDFILL	0803
7406-T	EJE RECYCLING TRANSFER STATION	16,682	EAST CAROLINA REG LANDFILL	0803
2606-T	FORT BRAGG TRANSFER STATION	25,415	WI-SAMPSON COUNTY DISPOSAL INC	8202
2606-T	FORT BRAGG TRANSFER STATION	2,353	UWHARRIE ENV. REG. LANDFILL	6204
3503	FRANKLIN COUNTY TRANSFER STATION	8,561	BRUNSWICK LANDFILL, VA	
3503	FRANKLIN COUNTY TRANSFER STATION	21,241	WI-SAMPSON COUNTY DISPOSAL INC	8202
9607-T	GOLDSBORO TRANSFER STATION	10,722	WAYNE COUNTY LANDFILL	9606
3803	GRAHAM COUNTY TRANSFER STATION	6,637	PINEBLUFF LANDFILL, GA	
4120-T	GREENSBORO TRANSFER STATION	238,806	UWHARRIE ENV. REG. LANDFILL	6204
4307-T	HARNETT CNTY-DUNN/ERWIN TRANSFER STATION	34,187	WI-SAMPSON COUNTY DISPOSAL INC	8202

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APPENDIX A-3: TRANSFER STATION AND MIXED WASTE PROCESSING FACILITIES, FISCAL YEAR 2008-2009

PERMIT #	FACILITY	2008-2009	DISPOSAL DESTINATION	PERMIT #
4305-T	HARNETT COUNTY TRANSFER STATION	16,306	WI-SAMPSON COUNTY DISPOSAL INC	8202
4408	HAYWOOD COUNTY MWP FACILITY	29,935	HAYWOOD COUNTY C&D UNIT	4407
4504-T	HENDERSON COUNTY TRANSFER FACILITY	52,060	R&B LANDFILL	
4504-T	HENDERSON COUNTY TRANSFER FACILITY	25,431	PALMETTO LANDFILL, SC	
4602-T	HERTFORD COUNTY TRANSFER STATION	2,510	EAST CAROLINA REG LANDFILL	0803
	HIGHLANDS TRANSFER STATION	2,593	MACON COUNTY LANDFILL OPEN	5703
4702	HOKE COUNTY TRANSFER STATION	18,128	UWHARRIE ENV. REG. LANDFILL	6204
4702	HOKE COUNTY TRANSFER STATION	5,863	WI-SAMPSON COUNTY DISPOSAL INC	8202
4904-T	IREDELL COUNTY TRANSFER STATION	43,687	IREDELL COUNTY SANITARY LF	4903
5003-T	JACKSON COUNTY SCOTT CREEK TRANSFER STATIO	30,896	R&B LANDFILL	
5803-T	MADISON COUNTY TRANSFER	9,006	TIDI1 WASTE LANDFILL	
5602-T	McDOWELL CO TRANSFER FACILITY	6,943	FOOTHILLS ENVIRONMENTAL LANDFILL	1403
5602-T	McDOWELL CO TRANSFER FACILITY	23,936	BFI-CHARLOTTE MTR SPEEDWAY LANDFILL V	1304
9234	MRR WAKE TRANSFER STA, LLC	27,492	MATERIAL RECOVERY/ BROWNFIELD RD C&D LANDF	9231
9234	MRR WAKE TRANSFER STA, LLC	27,492	MATERIAL RECOVERY/ BROWNFIELD RD C&D LANDF	9231
5408-T	ONSLow CONTAINER SERVICE, INC.	22,230	EAST CAROLINA REG LANDFILL	0803
3416-T	OVERDALE ROAD TRANSFER STATION	113,912	UWHARRIE ENV. REG. LANDFILL	6204
6903-T	PAMLICO COUNTY TRANSFER STATION	9,781	CRSWMA - LONG TERM REGIONAL LANDFILL	2509
7003-T	PASQUOTANK COUNTY TRANSFER STATION	21,813	ATLANTIC WASTE DISPOSAL INC.	

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APPENDIX A-3: TRANSFER STATION AND MIXED WASTE PROCESSING FACILITIES, FISCAL YEAR 2008-2009

PERMIT #	FACILITY	2008-2009	DISPOSAL DESTINATION	PERMIT #
7103-T	PENDER CO TRANSFER STATION	6,346	WI-SAMPSON COUNTY C&D UNIT	8202
7103-T	PENDER CO TRANSFER STATION	22,879	WI-SAMPSON COUNTY DISPOSAL INC	8202
7202-T	PERQUIMANS-CHOWAN-GATES TRANSFER	23,172	EAST CAROLINA REG LANDFILL	0803
7404-T	PITT COUNTY TRANSFER STATION	101,165	EAST CAROLINA REG LANDFILL	0803
7404-T	PITT COUNTY TRANSFER STATION	21,182	C&D LANDFILL INC	
	POLK COUNTY TRANSFER STATION	19,473	UNION COUNTY LANDFILL, SC	
6014	QUEEN CITY TRANSFER STATION	6,848	FOOTHILLS ENVIRONMENTAL LANDFILL	1403
6014	QUEEN CITY TRANSFER STATION	36,417	CHAMBERS DEVELOPMENT MSWLF	0403
6014	QUEEN CITY TRANSFER STATION	46,598	RICHLAND LANDFILL, INC	
6014	QUEEN CITY TRANSFER STATION	74,946	UWHARRIE ENV. REG. LANDFILL	6204
6014	QUEEN CITY TRANSFER STATION	3,056	BFI-CHARLOTTE MTR SPEEDWAY LANDFILL V	1304
7603-T	RANDOLPH COUNTY TRANSFER FACILITY	50,128	UWHARRIE ENV. REG. LANDFILL	6204
7902-T	REIDSVILLE, CITY OF TRANSFER FACILITY	5,966	UPPER PIEDMONT REG LANDFILL	7304
7703-T	RICHMOND COUNTY TRANSFER STATION	39,332	UWHARRIE ENV. REG. LANDFILL	6204
2611-T	RIVER CITY TRANSFER STATION	8	WI-SAMPSON COUNTY DISPOSAL INC	8202
2611-T	RIVER CITY TRANSFER STATION	4,027	CUMBERLAND COUNTY LANDFILL	2601
8104-T	RUTHERFORD COUNTY TRANSFER FACILITY	39,952	R&B LANDFILL	
8104-T	RUTHERFORD COUNTY TRANSFER FACILITY	5,130	PALMETTO LANDFILL, SC	
8302-T	SCOTLAND COUNTY T.S.	23,842	UWHARRIE ENV. REG. LANDFILL	6204

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APPENDIX A-3: TRANSFER STATION AND MIXED WASTE PROCESSING FACILITIES, FISCAL YEAR 2008-2009

PERMIT #	FACILITY	2008-2009	DISPOSAL DESTINATION	PERMIT #
2705	SOUNDSIDE RECYCLING & MATERIALS, INC	2,037	EAST CAROLINA REG LANDFILL	0803
3214-T	STONE PARK COURT TRANSFER STATION	109,073	WI-SAMPSON COUNTY DISPOSAL INC	8202
3214-T	STONE PARK COURT TRANSFER STATION	28,670	RED ROCK DISPOSAL, LLC	9228
8603-T	SURRY COUNTY TRANSFER STATION	11,095	SURRY COUNTY MSWLF	8606
8702-T	SWAIN COUNTY TRANSFER FACILITY	8,451	EAGLE POINT MUNICIPAL SOLID WASTE LANDFILL	
	THE LINDA CONSTRUCTION COMPANY INC	2,234	NORTH MECKLENBURG C&D LANDFILL	6013
9227-T	THORNTON ROAD TRANSFER STATION	18,823	SHOTWELL LANDFILL INC.	9226
2101-T	TOWN OF EDENTON TRANSFER STATION	3,225	EAST CAROLINA REG LANDFILL	0803
9005-T	UNION COUNTY TRANSFER STATION	93,779	BFI-CHARLOTTE MTR SPEEDWAY LANDFILL V	1304
6302	UWHARRIE ENV INC/MOORE CTY TRANSFER STATIO	52,655	UWHARRIE ENV. REG. LANDFILL	6204
6202-MRF	UWHARRIE ENVIRONMENTAL MRF	14,928	UWHARRIE ENV. REG. LANDFILL	6204
9302-T	WARREN COUNTY TRANSFER STATION	7,568	BRUNSWICK LANDFILL, VA	
9808-T	WASTE INDUSTRIES- BLK. CRK. RD. TRANSFER	108,025	WI-SAMPSON COUNTY DISPOSAL INC	8202
9217	WASTE INDUSTRIES CROSSWINDS PARK TRANSFER S	87,700	WI-SAMPSON COUNTY DISPOSAL INC	8202
9102-T	WASTE INDUSTRIES-VANCE COUNTY	12,697	BRUNSWICK LANDFILL, VA	
9102-T	WASTE INDUSTRIES-VANCE COUNTY	21	WI-SAMPSON COUNTY DISPOSAL INC	8202
9102-T	WASTE INDUSTRIES-VANCE COUNTY	36,251	UPPER PIEDMONT REG LANDFILL	7304
1903-T	WASTE MAN. - CHATHAM CO TRANSFER STATION	25,578	WI-SAMPSON COUNTY DISPOSAL INC	8202
5304-T	WASTE MAN. - LEE CO.TRANSFER STATION	55,386	WI-SAMPSON COUNTY DISPOSAL INC	8202

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APPENDIX A-3: TRANSFER STATION AND MIXED WASTE PROCESSING FACILITIES, FISCAL YEAR 2008-2009

PERMIT #	FACILITY	2008-2009	DISPOSAL DESTINATION	PERMIT #
1104	WASTE MANAGEMENT OF ASHEVILLE	115,360	PALMETTO LANDFILL, SC	
3608	WASTE MANAGEMENT OF CAROLINAS	71,030	PALMETTO LANDFILL, SC	
9215-T	WASTE MANAGEMENT OF RAL-DUR	40,515	WI-SAMPSON COUNTY DISPOSAL INC	8202
9503-T	WATAUGA CO TRANSFER FACILITY	33,307	IRIS GLENN LANDFILL, TN	
9503-T	WATAUGA CO TRANSFER FACILITY	9,470	FOOTHILLS ENVIRONMENTAL LANDFILL	1403
4116	WCA OF HIGHPOINT	66,891	WCA OF HIGHPOINT, LLC	4116
4205-T	WELDON, TOWN OF, TRANSFER STATION	61,777	EAST CAROLINA REG LANDFILL	0803
9903-T	YADKIN COUNTY TRANSFER FACILITY	6,087	FOOTHILLS ENVIRONMENTAL LANDFILL	1403
9903-T	YADKIN COUNTY TRANSFER FACILITY	15,085	BFI-CHARLOTTE MTR SPEEDWAY LANDFILL V	1304
10003-T	YANCEY-MITCHELL TRANSFER STATION	25,450	FOOTHILLS ENVIRONMENTAL LANDFILL	1403
TOTAL TONS		3,970,493		

Facilities without permit numbers listed are either temporary or out of state facilities.

APPENDIX B: COUNTY POPULATION, WASTE DISPOSAL, PER CAPITA RATE AND PERCENT REDUCTION, FY 2008-2009

COUNTY	POPULATION	MSW TONS MANAGED	MSW TONS DISPOSED				BASE YEAR PER CAPITA	PER CAPITA RATE	%CHANGE FROM 1991-1992
	JULY 2008	1991-1992	2005-2006	2006-2007	2007-2008	2008-2009	1991-1992	2008-2008	2008-2009**
ALAMANCE	145,995	99,302	166,815	156,903	154,442	129,825	0.91	0.89	-2%
ALEXANDER	36,953	25,716	24,614	24,082	23,606	21,166	0.90	0.57	-36%
ALLEGHANY	11,125	14,131	9,594	9,804	9,707	8,689	1.45	0.78	-46%
ANSON	25,368	14,229	23,580	23,919	21,757	21,601	0.61	0.85	40%
ASHE	26,319	18,089	22,798	23,188	24,445	22,011	0.81	0.84	3%
AVERY	18,428	11,130	18,045	20,042	21,628	17,351	0.74	0.94	27%
BEAUFORT	46,590	41,796	60,670	66,996	57,753	50,768	0.99	1.09	10%
BERTIE	20,074	17,372	27,474	22,230	19,017	17,090	0.86	0.85	-1%
BLADEN	32,153	25,048	30,666	36,815	41,137	35,536	0.86	1.11	29%
BRUNSWICK	102,857	78,123	172,389	188,573	168,476	127,664	1.48	1.24	-16%
BUNCOMBE	227,875	159,040	301,430	322,738	331,932	259,216	0.90	1.14	26%

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APPENDIX B: COUNTY POPULATION, WASTE DISPOSAL, PER CAPITA RATE AND PERCENT REDUCTION, FY 2008-2009

COUNTY	POPULATION	MSW TONS MANAGED	MSW TONS DISPOSED				BASE YEAR PER CAPITA	PER CAPITA RATE	%CHANGE FROM 1991-1992
	JULY 2008	1991-1992	2005-2006	2006-2007	2007-2008	2008-2009	1991-1992	2008-2008	2008-2009**
BURKE	89,259	78,006	87,160	90,757	83,439	74,283	1.02	0.83	-18%
CABARRUS	170,406	95,215	434,268	361,884	307,502	270,153	0.94	1.59	69%
CALDWELL	80,020	65,532	96,882	95,174	94,939	79,437	0.92	0.99	8%
CAMDEN	9,730	1,850	5,070	5,365	4,582	4,022	0.31	0.41	33%
CARTERET	63,520	86,894	122,886	119,201	105,340	95,698	1.62	1.51	-7%
CASWELL	23,422	5,136	5,879	6,795	8,153	9,864	0.25	0.42	68%
CATAWBA	154,941	151,559	208,837	215,196	190,014	166,138	1.26	1.07	-15%
CHATHAM	60,881	33,235	40,117	34,849	38,544	32,619	0.84	0.54	-36%
CHEROKEE	27,128	16,020	20,113	19,687	20,558	16,096	0.78	0.59	-24%
CHOWAN	14,687	13,692	20,655	16,356	17,262	15,742	0.99	1.07	8%
CLAY	10,458	4,172	5,269	5,924	5,357	4,934	0.57	0.47	-17%

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COUNTY	POPULATION	MSW TONS MANAGED	MSW TONS DISPOSED				BASE YEAR PER CAPITA	PER CAPITA RATE	%CHANGE FROM 1991-1992
	JULY 2008	1991-1992	2005-2006	2006-2007	2007-2008	2008-2009	1991-1992	2008-2008	2008-2009**
CLEVELAND	97,936	73,138	117,031	154,382	140,099	124,349	0.86	1.27	48%
COLUMBUS	54,758	45,199	45,299	44,529	46,415	41,315	0.91	0.75	-17%
CRAVEN	97,757	86,549	105,031	101,074	104,319	96,408	1.05	0.99	-6%
CUMBERLAND	316,914	227,302	560,404	449,386	425,481	404,787	0.81	1.28	58%
CURRITUCK	23,773	13,792	37,085	31,288	36,496	24,769	1.00	1.04	4%
DARE	33,955	51,300	99,299	110,980	93,059	70,064	2.23	2.06	-7%
DAVIDSON	158,866	139,617	141,205	133,739	164,145	138,527	1.08	0.87	-19%
DAVIE	40,970	19,348	39,046	39,052	39,667	35,233	0.68	0.86	26%
DUPLIN	53,431	33,310	46,833	48,311	50,038	56,222	0.82	1.05	28%
DURHAM	260,420	218,972	292,730	310,443	307,725	301,975	1.17	1.16	-1%
EDGECOMBE	51,800	71,471	47,224	60,042	51,712	61,733	1.25	1.19	-5%

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APPENDIX B: COUNTY POPULATION, WASTE DISPOSAL, PER CAPITA RATE AND PERCENT REDUCTION, FY 2008-2009

COUNTY	POPULATION	MSW TONS MANAGED	MSW TONS DISPOSED				BASE YEAR PER CAPITA	PER CAPITA RATE	%CHANGE FROM 1991-1992
	JULY 2008	1991-1992	2005-2006	2006-2007	2007-2008	2008-2009	1991-1992	2008-2008	2008-2009**
FORSYTH	343,704	304,290	564,037	538,108	508,310	412,824	1.14	1.20	5%
FRANKLIN	57,923	28,702	38,476	38,866	42,064	33,941	0.76	0.59	-23%
GASTON	204,971	165,100	239,157	250,611	241,022	224,543	0.93	1.10	18%
GATES	11,836	5,897	7,028	5,969	6,790	5,536	0.63	0.47	-26%
GRAHAM	8,087	4,508	7,161	7,498	7,357	6,780	0.62	0.84	35%
GRANVILLE	56,250	54,548	74,764	71,823	62,550	54,204	1.39	0.96	-31%
GREENE	21,205	7,428	7,685	6,560	7,595	5,275	0.48	0.25	-48%
GUILFORD	468,344	471,541	703,606	701,461	629,665	624,762	1.35	1.33	-1%
HALIFAX	55,217	54,907	55,944	58,047	61,308	55,712	0.98	1.01	3%
HARNETT	109,637	69,073	90,784	91,232	92,540	84,342	1.01	0.77	-24%
HAYWOOD	57,108	57,842	60,800	72,186	70,620	50,967	1.21	0.89	-26%

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APPENDIX B: COUNTY POPULATION, WASTE DISPOSAL, PER CAPITA RATE AND PERCENT REDUCTION, FY 2008-2009

COUNTY	POPULATION	MSW TONS MANAGED	MSW TONS DISPOSED				BASE YEAR PER CAPITA	PER CAPITA RATE	%CHANGE FROM 1991-1992
	JULY 2008	1991-1992	2005-2006	2006-2007	2007-2008	2008-2009	1991-1992	2008-2008	2008-2009**
HENDERSON	103,836	81,498	133,618	123,284	116,850	97,342	1.14	0.94	-18%
HERTFORD	23,764	14,288	30,577	47,109	35,706	21,630	0.63	0.91	44%
HOKE	44,432	18,331	29,925	28,441	28,394	28,114	0.80	0.63	-21%
HYDE	5,516	2,762	7,219	6,864	6,461	5,658	0.50	1.03	105%
IREDELL	154,135	114,539	231,821	237,068	216,957	198,155	1.19	1.29	8%
JACKSON	36,990	18,661	52,674	41,461	40,621	36,087	0.68	0.98	43%
JOHNSTON	162,746	74,169	170,051	189,642	250,139	201,537	0.88	1.24	41%
JONES	10,292	4,360	2,803	3,788	2,884	1,644	0.47	0.16	-66%
LEE	57,500	48,341	70,320	76,856	66,949	54,776	1.16	0.95	-18%
LENOIR	57,521	67,693	77,513	96,192	74,618	69,969	1.17	1.22	4%
LINCOLN	74,538	44,442	101,878	93,816	75,557	70,251	0.87	0.94	8%

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APPENDIX B: COUNTY POPULATION, WASTE DISPOSAL, PER CAPITA RATE AND PERCENT REDUCTION, FY 2008-2009

COUNTY	POPULATION	MSW TONS MANAGED	MSW TONS DISPOSED				BASE YEAR PER CAPITA	PER CAPITA RATE	%CHANGE FROM 1991-1992
	JULY 2008	1991-1992	2005-2006	2006-2007	2007-2008	2008-2009	1991-1992	2008-2008	2008-2009**
MACON	20,810	19,738	37,167	37,318	37,463	32,706	0.82	1.57	92%
MADISON	23,870	11,676	15,677	14,775	14,625	13,912	0.68	0.58	-14%
MARTIN	44,562	30,112	28,121	24,630	25,159	22,982	1.19	0.52	-57%
MCDOWELL	34,227	29,180	39,325	39,670	38,972	34,794	0.82	1.02	24%
MECKLENBURG	877,007	677,573	1,506,405	1,543,924	1,442,987	1,200,636	1.29	1.37	6%
MITCHELL	16,034	15,768	18,008	16,983	15,119	14,475	1.11	0.90	-19%
MONTGOMERY	27,651	28,873	47,145	32,124	32,324	25,714	1.23	0.93	-24%
MOORE	85,280	74,062	99,097	101,009	98,820	82,221	1.23	0.96	-22%
NASH	93,981	84,594	116,431	105,847	112,341	86,023	1.09	0.92	-16%
NEW HANOVER	192,235	157,647	333,313	322,844	267,292	242,696	1.28	1.26	-1%
NORTHAMPTON	21,168	19,528	16,806	14,714	15,332	14,004	0.94	0.66	-30%

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COUNTY	POPULATION	MSW TONS MANAGED	MSW TONS DISPOSED				BASE YEAR PER CAPITA	PER CAPITA RATE	%CHANGE FROM 1991-1992
	JULY 2008	1991-1992	2005-2006	2006-2007	2007-2008	2008-2009	1991-1992	2008-2008	2008-2009**
ONslow	176,004	158,344	200,160	190,664	178,092	184,852	1.04	1.05	1%
ORANGE	129,296	131,067	93,805	88,060	86,300	80,864	1.36	0.63	-54%
PAMLICO	12,892	8,541	10,195	11,790	11,613	10,285	0.75	0.80	6%
PASQUOTANK	41,330	30,150	41,734	38,834	34,155	42,609	0.97	1.03	6%
PENDER	51,853	18,188	36,448	39,082	38,396	34,675	0.60	0.67	11%
PERQUIMANS	12,962	7,520	12,743	12,561	10,819	8,036	0.73	0.62	-15%
PERSON	37,510	24,249	34,837	37,856	38,464	32,203	0.80	0.86	7%
PITT	155,570	132,896	168,957	167,721	155,082	135,761	1.21	0.87	-28%
POLK	18,992	9,327	18,818	23,234	22,119	20,173	0.63	1.06	69%
RANDOLPH	140,980	78,663	119,466	113,624	110,920	96,065	0.73	0.68	-7%
RICHMOND	46,842	60,752	71,854	71,727	59,407	55,275	1.35	1.18	-13%

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COUNTY	POPULATION	MSW TONS MANAGED	MSW TONS DISPOSED				BASE YEAR PER CAPITA	PER CAPITA RATE	%CHANGE FROM 1991-1992
	JULY 2008	1991-1992	2005-2006	2006-2007	2007-2008	2008-2009	1991-1992	2008-2008	2008-2009**
ROBESON	130,316	104,700	133,002	130,578	116,303	121,612	0.99	0.93	-6%
ROCKINGHAM	91,691	71,481	98,604	99,472	97,694	92,631	0.83	1.01	22%
ROWAN	138,512	90,081	141,922	155,407	138,954	116,942	0.80	0.84	6%
RUTHERFORD	63,555	89,175	67,036	84,300	65,238	59,619	1.56	0.94	-40%
SAMPSON	65,396	33,545	52,238	52,671	59,464	56,177	0.70	0.86	23%
SCOTLAND	37,064	39,867	34,703	33,609	31,359	29,697	1.17	0.80	-32%
STANLY	59,714	69,288	80,912	75,409	71,700	66,036	1.32	1.11	-16%
STOKES	46,638	17,976	11,176	11,112	11,054	10,524	0.47	0.23	-52%
SURRY	73,388	73,595	100,363	94,096	83,132	66,997	1.18	0.91	-23%
SWAIN	13,982	5,651	8,774	9,137	9,157	8,452	0.50	0.60	21%
TRANSYLVANIA	30,991	30,072	40,073	34,574	34,814	35,562	1.16	1.15	-1%

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COUNTY	POPULATION	MSW TONS MANAGED	MSW TONS DISPOSED				BASE YEAR PER CAPITA	PER CAPITA RATE	%CHANGE FROM 1991-1992
	JULY 2008	1991-1992	2005-2006	2006-2007	2007-2008	2008-2009	1991-1992	2008-2008	2008-2009**
TYRRELL	4,280	2,985	2,853	2,561	2,883	2,725	0.79	0.64	-19%
UNION	191,108	77,842	205,251	264,469	241,045	185,067	0.90	0.97	8%
VANCE	43,502	43,267	40,809	48,550	41,926	49,269	1.11	1.13	2%
WAKE	864,429	569,622	1,071,971	1,140,478	1,151,050	976,762	1.29	1.13	-12%
WARREN	19,918	10,978	10,310	11,014	10,442	9,857	0.63	0.49	-21%
WASHINGTON	13,172	11,699	14,410	11,363	10,535	9,342	0.84	0.71	-16%
WATAUGA	45,319	36,755	62,503	63,456	67,510	67,431	0.99	1.49	50%
WAYNE	115,696	106,149	123,445	119,681	130,740	107,557	1.00	0.93	-7%
WILKES	67,297	58,818	57,391	58,124	58,637	57,484	0.97	0.85	-12%
WILSON	78,917	120,870	115,018	119,086	113,545	93,185	1.82	1.18	-35%
YADKIN	38,162	20,779	20,157	19,183	24,160	24,465	0.67	0.64	-4%

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COUNTY	POPULATION JULY 2008	MSW TONS MANAGED	MSW TONS DISPOSED				BASE YEAR PER CAPITA	PER CAPITA RATE	%CHANGE FROM 1991-1992
		1991-1992	2005-2006	2006-2007	2007-2008	2008-2009	1991-1992	2008-2008	2008-2009**
YANCEY	18,592	15,576	12,179	13,195	13,866	12,347	1.01	0.66	-34%
STATE TOTALS	9,227,016	7,257,428	11,765,855	11,837,104	11,284,712	9,910,031	1.07	1.07	0%

TOTAL ADJUSTED FOR HURRICANE
DEBRIS (e.g. FRAN, FLOYD)

** Percent Change formula: (current year per capita minus base year per capita) divided by base year per capita

Appendix C
Imports and Exports
FY 1995-1996 through FY 2008-2009

Fiscal Year	Total Tons Exported	Receiving Facility	Tons Received	Total Tons Imported	Receiving Facility	Tons Received
2008-2009	863,604(7)	Atlantic Waste Disposal, VA Bristol Landfill, VA Brunswick Landfill, VA Eagle Point Landfill, GA Iris Glenn Landfill, TN Lee County Landfill, SC Palmetto Landfill, SC Pinebluff Landfill, GA R&B Landfill, GA Richland Landfill, SC Southeastern Regional, SC TIDI1 Waste Landfill, TN Union County Landfill, SC	21,810 16,879 293,981 8,452 48,689 4,428 224,314 11,590 126,844 49,919 2,661 9,636 44,402	139,446(7)	BFI- Charlotte Motor Speedway LF Chambers Development MSW Landfill Gaston County MSW Landfill Mecklenburg County Landfill New Hanover WASTE C Scotland County Transfer Station Scotland County C&D Landfill Upper Piedmont Regional Landfill Waste Management of Carolinas Transfer	43,256 10,779 26 1,296 74 996 216 79,230 3,573
2007-2008	1,069,428(6)	Amelia Landfill, VA Atlantic Waste Disposal Bristol Landfill, VA Brunswick Landfill, VA Eagle Point Landfill, GA First Piedmont Landfill, VA Iris Glenn Landfill, TN John Holland CDLF, VA Lee County Landfill, SC Palmetto Landfill, SC Pinebluff Landfill, GA R&B Landfill, GA Richland Landfill, SC Screaming Eagle Landfill Southeastern Regional, SC TIDI1 Waste Landfill, TN Union County Landfill, SC WM of Hampton Roads	442 4,523 16,814 368,178 9,157 3,420 54,740 977 4,878 254,661 12,549 132,973 66,652 56,314 18,023 8,852 52,871 3,385	145,551(6)	BFI- Charlotte Motor Speedway LF C & D Landfill Inc. Chambers Development MSW Landfill Currituck Transfer Station Gaston County C&D landfill Gaston County MSW Landfill Griffin Farms C&D Landfill Mecklenburg County Landfill New Hanover WASTE C Scotland County Transfer Station Upper Piedmont Regional Landfill Waste Management of Carolinas Transfer	40,577 116 20,16 3 25 68 485 2,885 8 65 77,567 3,574
2006-2007	1,329,202(5)	Atlantic Waste Disposal, VA BFI, Carter Valley, TN Bristol Landfill, VA Brunswick Landfill, VA Eagle Point Landfill, GA Iris Glenn Landfill, TN Lee County Landfill, SC Maplewood Landfill, VA Palmetto Landfill, SC Pinebluff Landfill, GA R&B Landfill, GA Richland Landfill, SC Southeastern Regional, VA TIDI Waste Systems, TN Union County Landfill, SC WM of Hampton Roads, VA	99 5044 14,486 448,053 9,137 56,595 7,066 261 435,098 13,410 139,763 5,946 16,426 5,061 170,712 2,046	129,906(5)	BFI- Charlotte Motor Speedway Chambers Development MSWLF Gaston County Landfill Griffin Farms CDLF Mecklenburg County Landfill Scotland County CDLF Scotland County Transfer Station Upper Piedmont Regional LF Waste Management of Carolinas	25,893 17,235 163 301 2752 132 109 79,776 3,545

2005-2006	1,234,307	Atlantic Waste, VA BFI, Carter Valley, TN Bristol Landfill, VA Brunswick Landfill, VA Eagle Point Landfill, GA Iris Glenn Landfill, TN Lee County Landfill, SC Maplewood Landfill, VA Palmetto Landfill, SC Pinebluff Landfill, GA R&B Landfill, GA Union County Landfill, SC	32 9,311 14,208 411,107 8,744 53,706 10,194 361 538,508 13,010 38,676 136,450	137,307^(.)	BFI- Lake Norman Chambers Development Gaston County C&D Landfill Gaston County Landfill Griffin Farms C&D Mecklenburg County Landfill New Hanover Waste to Energy Upper Piedmont Regional Landfill Waste Management of the Carolinas	18,403 55,869 30 239 510 1944 9 56,428 3,875
2004-2005	1,161,926⁽³⁾	Atlantic Waste, VA BFI- Carter Valley, TN Bristol Landfill, VA Brunswick Landfill, VA Eagle Point Landfill, GA Fort Mill Transfer, SC ⁽³⁾ Iris Glenn Landfill, TN Maplewood Landfill, VA Palmetto Landfill, SC Pinebluff Landfill, GA R&B Landfill, GA Union County, SC	44,864 9,500 14,314 370,810 8,398 52,731 53,126 364 507,307 14,414 34,748 51,338	119,202⁽³⁾	Chambers Development Landfill Gaston County Landfill Griffin Farms C&D Landfill Mecklenburg County Landfill Piedmont Sanitary Landfill Upper Piedmont Regional Landfill Waste Management of the Carolinas Transfer	82,535 75 373 584 1,754 30,163 3,230
2003-2004	1,048,111	Atlantic Waste Disposal, VA Carter Valley, TN Bristol Landfill, VA Brunswick Landfill, VA Eagle Point Landfill, GA Iris Glenn Landfill, TN Maplewood Landfill, VA Palmetto Landfill, SC Pinebluff Landfill, GA R&B Landfill Hampton Roads, VA Union County Landfill, SC	53,898 9,356 13,768 377,250 3,046 10,608 1,321 479,650 12,788 22,216 4,072 14,453	108,803	Charlotte Motor Speedway Landfill Lake Norman Landfill Chambers Development Landfill Gaston County Landfill Griffin Farms C&D Landfill Mecklenburg County Landfill New Hanover Waste to Energy Upper Piedmont Landfill Waste Management of the Carolinas Transfer	3,567 6,452 61,301 106 197 855 3 33,733 2,589
2002-2003	971,286⁽²⁾	Maplewood Landfill, VA Atlantic Waste, VA BFI, Carter Valley, TN Bristol Landfill, VA Brunswick Landfill, VA Iris Glenn Landfill, TN Lee Co. Landfill, SC Palmetto Landfill, SC Pinebluff Landfill, GA R&B Landfill, GA John C. Holland Enterprises	10,887 61,912 8,746 13,000 396,386 41,384 31,084 395,418 9,839 2,030 600	144,116⁽²⁾	BFI- Charlotte Motor Speedway ⁽²⁾ Chambers Development, Anson Co. ⁽²⁾ Gaston Co. Landfill Griffin Farms C&D Landfill, Union Co. Mecklenburg Co. Landfill New Hanover Waste to Energy Piedmont Sanitary Landfill, Forsyth Co. Upper Piedmont Regional Landfill, Person Co. Waste Management of Carolinas, Gaston Co.	66,246 91,990 127 201 1,181 1 37,264 10,949 2,403
2001-2002	882,247⁽¹⁾	Maplewood Landfill, VA Atlantic Waste, VA BFI, Carter Valley, TN Bristol Landfill, VA Brunswick Landfill, VA Danville Transfer, VA Iris Glenn Landfill, TN Lee Co. Landfill, SC Palmetto Landfill, SC Pinebluff Landfill, GA R&B Landfill, GA	8,844 36,290 4,789 12,584 420,627 5,327 44,548 28,515 312,013 6,683 2,027	117,981	BFI- Charlotte Motor Speedway Chambers Development, Anson Co. Gaston Co. Landfill GDS Recycling Services, Catawba Co. Griffin Farms C&D Landfill, Union Co. Mecklenburg Co. Landfill Piedmont Sanitary Landfill, Forsyth Co. Upper Piedmont Regional Landfill, Person Co. Waste Management of Carolinas, Gaston Co.	11,645 48,368 199 486 60 888 49,305 2,784 4,246

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FY 08-09

2000-2001	900,743	Brunswick Landfill, VA Palmetto Landfill, SC Iris Glenn Landfill, TN Atlantic Waste, VA Maplewood Landfill, VA Bristol Landfill, VA Lee Co. Landfill, SC Pinebluff Landfill, GA R & B Landfill, GA	436,264 340,782 44,863 30,275 18,541 13,121 9,912 6,809 176	21,614	Chambers Development Landfill, Anson Co. Waste Management, Gaston Co. (transfer) Addington Upper Piedmont Landfill, Person Mecklenburg Co. Landfill (CDLF) Gaston Co. Landfill Griffin Farms C&D Landfill, Union Co. GDS Recycling Services, Catawba Co. Uwharrie Env. MRF, Montgomery Co.	10,328 4,659 2,417 2,407 664 639 441 59
1999-2000	1,106,897	Palmetto Landfill, SC Brunswick Landfill, VA Lee Co. Landfill, SC Iris Glenn Landfill, TN Bristol Landfill, VA Pinebluff Landfill, GA	463,587 432,645 148,412 43,680 14,001 4,572	41,840	Addington Upper Piedmont Landfill, Person Co. Piedmont Sanitary Landfill, Forsyth Co. Gaston Co. Landfill Griffin Farms C&D Landfill, Union Co. GDS Recycling Services, Catawba Co. Uwharrie Env. MRF, Montgomery Co Mecklenburg Co. Landfill Uwharrie Env. Landfill, Montgomery Co.	32,976 (VA) 7,158 (VA) 640 (SC) 565 (SC) 377 (SC) 101 (SC) 15 (SC) 8 (SC)
1998-1999	1,166,875	Palmetto Landfill, SC Brunswick Landfill, VA Lee Co. Landfill, SC Iris Glenn Landfill, TN Bristol Landfill, VA Pinebluff Landfill, GA	446,858 382,479 277,246 41,612 14,766 3,914	74,185	Addington Upper Piedmont Landfill, Person Piedmont Sanitary Landfill, Forsyth Co. Griffin Farms C&D, Union Co. Gaston Co. Landfill Uwharrie Env. MRF, Montgomery Co. New Hanover Waste to Energy	53,798 (VA) 19,251 (VA) 594 (SC) 418 (SC) 67 (SC) 57 (MD)
1997-1998	629,415	Palmetto Landfill, SC Brunswick Landfill, VA Lee Co. Landfill, SC	422,248 190,890 16,277	87,393	Piedmont Sanitary Landfill, Forsyth Co. Addington Upper Piedmont Landfill, Person Co. Union Co. Landfill	80,570 (VA) 6,194 (VA) 629 (SC)
1996-1997	280,400	Palmetto Landfill, SC	280,400	103,510	Piedmont Sanitary Landfill, Forsyth Co. Union County Landfill	103,120 (VA) 390 (SC)
1995-1996	111,097	Palmetto Landfill, SC	111,097	88,982	Piedmont Sanitary Landfill, Forsyth Co.	88,982 (VA)

(1) This does not include 73,911 tons from Mecklenburg County that were exported to the Fort Mill Transfer Station in South Carolina and then imported to a landfill in North Carolina.

(2) This does not including 77,217 tons from Mecklenburg County that was exported to the Fort Mill Transfer Station in South Carolina and imported back to landfills in North Carolina.

(3) This does not include 99,065 tons of Municipal Solid Waste from Mecklenburg County that was exported to the Fort Mill Transfer Station in South Carolina and then imported back into North Carolina to the BFI- Charlotte Motor Speedway Landfill. The Total also does not include an additional 16,847 tons of construction and demolition material from Mecklenburg County sent to the Fort Mill Transfer Station and imported back to North Carolina to the BFI- Lake Norman Construction and Demolition Landfill.

(4) This does not include 107,888 tons from Mecklenburg County that was exported to the Fort Mill Transfer station in South Carolina and then imported back into NC to the Charlotte Motor Speedway Landfill.

(5) This does not include 113,360 tons from Mecklenburg County that was exported to the Fort Mill Transfer station in South Carolina and then imported back into NC to the Charlotte Motor Speedway Landfill and Chambers Development Landfill .and the Lake Norman C&D Landfill.

(6) This does not include tons of Mecklenburg County Waste that was exported to the Fort Mill Transfer Station in SC but, was returned and sent to BFI- Charlotte Motor Speedway Landfill and Chambers Development Landfill in NC.

(7) This does not include tons of Mecklenburg, Gaston, and Union county waste that was exported to the Fort Mill Transfer Station in SC but, was returned to BFI- Charlotte Motor Speedway Landfill. The total listed also does not include Caswell and Rockingham county waste that went to the First Piedmont Transfer station in VA and then was imported back into NC to the Upper Piedmont Landfill.

Appendix D – Landfill Capacities

This appendix contains capacity data for both municipal solid waste landfills and construction and demolition landfills. This is the first year that data is being presented for construction and demolition landfills. The data presented represents only a snapshot in time of the facilities here. Numbers and figures continually adjust and change as the facilities continue to operate.

This appendix is divided into two sections. The first section contains the municipal solid waste landfills ordered by permit number. The second section contains the construction and demolition landfills ordered by permit number.



Municipal Solid Waste Landfill Capacity

FY08-09

Austin Quarter SWM Facility

01-04

2701 Austin Quarter Road

Graham, NC 27253

phone: (336) 376-8902

http://www.alamance-nc.com/d/landfill

County
Alamance

DATES	Opened	Surveyed	Years Open
	3/18/1994	3/19/2009	15.0

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	78,475.85	1,208,880.00	80,573.62

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	2,875,600.00	7,124,400.00	10,000,000.00
Used	1,785,391.00	0.00	1,785,391.00
Remaining	1,090,209.00	7,124,400.00	8,214,609.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	1,208,880.00	1,785,391.00	0.68

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	738,175.48	4,823,898.33	5,562,073.81
Years (Avg TPY)	9.16	59.87	69.03
Years (FY TPY)	9.41	61.47	70.88

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Chambers Development MSWLF

04-03

375 Allied Road
 Polkton, NC 28135
 phone: (704) 262-6002
 http://republicservices.com

County
Anson

DATES	Opened	Surveyed	Years Open
		12/12/2000	2/3/2009

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
		156,380.24	2,217,055.00

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	3,060,690.00	16,017,840.00	19,078,530.00
	Used	2,571,170.00	0.00	2,571,170.00
	Remaining	489,520.00	16,017,840.00	16,507,360.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
		2,217,055.00	2,571,170.00

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	422,100.74	13,811,779.17	14,233,879.92
	Years (Avg TPY)	1.55	50.74	52.29
	Years (FY TPY)	2.70	88.32	91.02

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Ashe County Landfill

05-01

739 Fred Pugh Road
 Crumpler, NC 28617
 phone: (336) 846-3721
 http://ashecountygov.com

County
Ashe

DATES	Opened	Surveyed	Years Open
		11/1/1993	5/14/2009

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
		18,075.30	276,675.27

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	629,404.00	1,685,251.00	2,314,655.00
	Used	558,235.00	0.00	558,235.00
	Remaining	71,169.00	1,685,251.00	1,756,420.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
		276,675.27	558,235.00

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	35,273.14	835,252.67	870,525.81
	Years (Avg TPY)	1.98	46.89	48.87
	Years (FY TPY)	1.95	46.21	48.16

Calculated Values:

- Average Tons = (Total Tons Received) / (Years Open)
- Unconstructed Airspace = (Facility Total) - (Constructed)
- Remaining Airspace
 - Constructed = (Constructed) - (Used)
 - Unconstructed = (Unconstructed) - (Used)
 - Facility Total = (Facility Total) - (Used)
- Compaction Density = (Total Tons Received) / (Total Airspace Used)
- Remaining Capacity
 - Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 - Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 - Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 - Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 - Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 - Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 - Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 - Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 - Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

East Carolina Environmental Regional Landfill

08-03

1922 Republican Road

Aulander, NC 27805

phone: (252) 348-3322

County
Bertie

DATES	Opened	Surveyed	Years Open
	8/6/1993	3/4/2009	15.6

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	316,387.66	6,933,429.74	445,145.93

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	13,467,000.00	10,733,000.00	24,200,000.00
Used	8,765,681.00	0.00	8,765,681.00
Remaining	4,701,319.00	10,733,000.00	15,434,319.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	6,933,429.74	8,765,681.00	0.79

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	3,718,623.23	8,489,528.81	12,208,152.04
Years (Avg TPY)	8.35	19.07	27.43
Years (FY TPY)	11.75	26.83	38.59

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Buncombe County Solid Waste Management Facility

11-07

85 Panther Branch Road
 Alexander, NC 28701
 phone: (828) 250-5467
 http://www.buncombecounty.org

County
Buncombe

DATES	Opened	Surveyed	Years Open
	9/29/1997	5/18/2009	11.6

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	131,895.00	1,584,602.00	136,214.61

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	4,327,688.00	4,737,813.00	9,065,501.00
	Used	3,198,312.00	0.00	3,198,312.00
	Remaining	1,129,376.00	4,737,813.00	5,867,189.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	1,584,602.00	3,198,312.00	0.50

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	559,548.75	2,347,346.96	2,906,895.71
	Years (Avg TPY)	4.11	17.23	21.34
	Years (FY TPY)	4.24	17.80	22.04

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

BFI-Charlotte Mtr Speedway Landfill V

13-04

5105 Morehead Road
 Concord, NC 28027
 phone: (704) 262-6002
 http://republicservices.com

County
Cabarrus

DATES	Opened	Surveyed	Years Open
	3/6/1992	2/3/2009	16.9

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	1,188,880.34	23,961,838.00	1,416,649.62

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	32,954,982.00	28,576,053.00	61,531,035.00
Used	24,521,250.00	0.00	24,521,250.00
Remaining	8,433,732.00	28,576,053.00	37,009,785.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	23,961,838.00	24,521,250.00	0.98

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	8,241,330.27	27,924,137.34	36,165,467.61
Years (Avg TPY)	5.82	19.71	25.53
Years (FY TPY)	6.93	23.49	30.42

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Foothills Environmental Landfill

14-03

2800 Cheraw Road

Lenoir, NC 28645

phone: (828) 757-0965

County
Caldwell

DATES	Opened	Surveyed	Years Open
		8/26/1998	3/5/2009

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
		240,485.38	1,725,340.30

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
	Permitted	4,997,000.00	13,043,000.00
Used	3,850,730.00	0.00	3,850,730.00
Remaining	1,146,270.00	13,043,000.00	14,189,270.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
		1,725,340.30	3,850,730.00

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
	Tons of Waste	513,592.44	5,843,986.34
Years (Avg TPY)	3.13	35.65	38.78
Years (FY TPY)	2.14	24.30	26.44

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Catawba County Landfill

18-03

3993 Rocky Ford Road

Newton, NC 28658

phone: (704) 462-1348

<http://www.co.catawba.nc.us/depts/u&e/solwasmg.asp>

County
Catawba

DATES	Opened	Surveyed	Years Open
		12/30/1997	4/27/2009

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
		132,900.78	1,851,906.00

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
	Permitted	7,539,663.00	18,560,337.00
Used	3,539,663.00	0.00	3,539,663.00
Remaining	4,000,000.00	18,560,337.00	22,560,337.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
		1,851,906.00	3,539,663.00

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
	Tons of Waste	2,092,748.38	9,710,528.79
Years (Avg TPY)	12.80	59.38	72.17
Years (FY TPY)	15.75	73.07	88.81

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Cherokee County MSW Facility

20-02

10160 US 19
 Marble, NC 28905
 phone: (828) 837-2621

County
Cherokee

DATES	Opened	Surveyed	Years Open
	1/9/1998	5/20/2009	11.4

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	16,095.63	217,054.00	19,107.97

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	465,479.00	662,461.00	1,127,940.00
Used	390,085.00	0.00	390,085.00
Remaining	75,394.00	662,461.00	737,855.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	217,054.00	390,085.00	0.56

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	41,951.29	368,611.48	410,562.77
Years (Avg TPY)	2.20	19.29	21.49
Years (FY TPY)	2.61	22.90	25.51

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Cleveland County Landfill

23-01

1609 Airport Road

Shelby, NC 28150

phone: (704) 476-3162

http://www.clevelandcounty.com

County
Cleveland

DATES	Opened	Surveyed	Years Open
	7/27/1998	6/30/2009	10.9

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	82,026.78	902,613.28	82,605.74

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	3,842,923.00	5,627,077.00	9,470,000.00
	Used	1,812,945.00	0.00	1,812,945.00
	Remaining	2,029,978.00	5,627,077.00	7,657,055.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	902,613.28	1,812,945.00	0.50

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	1,010,667.78	2,801,560.13	3,812,227.91
	Years (Avg TPY)	12.23	33.91	46.15
	Years (FY TPY)	12.32	34.15	46.48

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

CRSWMA Long-term Regional Landfill

25-09

7400 Old US 70 West

New Bern, NC 28562

phone: (252) 633-1564

<http://www.coastalenvironmentalpartnership.com>

County
Craven

DATES	Opened	Surveyed	Years Open
	8/25/1999	7/1/2009	9.9

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	196,417.66	1,938,564.00	196,792.80

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	5,198,300.00	10,301,700.00	15,500,000.00
Used	2,855,354.00	0.00	2,855,354.00
Remaining	2,342,946.00	10,301,700.00	12,644,646.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	1,938,564.00	2,855,354.00	0.68

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	1,590,678.69	6,994,055.64	8,584,734.34
Years (Avg TPY)	8.08	35.54	43.62
Years (FY TPY)	8.10	35.61	43.71

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Cumberland County Landfill

26-01

698 Ann Street

Fayetteville, NC 28301

phone: (910) 321-6929

http://co.cumberland.nc.us/solid_waste_mgmt/container_sites/ann_st_landfill.aspx

County
Cumberland

DATES	Opened	Surveyed	Years Open
	12/17/1997	6/10/2009	11.5

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	168,473.38	1,739,027.00	151,485.72

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	2,963,369.00	3,539,602.00	6,502,971.00
	Used	2,724,761.00	0.00	2,724,761.00
	Remaining	238,608.00	3,539,602.00	3,778,210.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	1,739,027.00	2,724,761.00	0.64

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	152,287.03	2,259,083.80	2,411,370.83
	Years (Avg TPY)	1.01	14.91	15.92
	Years (FY TPY)	0.90	13.41	14.31

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Davidson County MSW Lined Landfill

29-06

220 Davidson County Landfill Road

Lexington, NC 27292

phone: (336) 240-0303

http://www.co.davidson.nc.us/government/department_portal.aspx

County
Davidson

DATES	Opened	Surveyed	Years Open
		10/1/1994	5/13/2009

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
		111,755.47	1,441,094.00

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	3,390,996.00	5,623,024.00	9,014,020.00
	Used	2,512,406.00	0.00	2,512,406.00
	Remaining	878,590.00	5,623,024.00	6,501,614.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
		1,441,094.00	2,512,406.00

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	503,951.50	3,225,317.15	3,729,268.65
	Years (Avg TPY)	5.11	32.71	37.82
	Years (FY TPY)	4.51	28.86	33.37

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Hanes Mill Road Landfill

34-02

325 West Hanes Mill Road
 Winston-Salem, NC 27105
 phone: (336) 747-7310
 http://www.cityofws.org

County
Forsyth

DATES	Opened	Surveyed	Years Open
	4/7/1997	1/1/2009	11.7

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	239,489.89	3,302,414.00	281,363.82

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	5,678,332.00	10,768,484.00	16,446,816.00
Used	5,278,516.00	0.00	5,278,516.00
Remaining	399,816.00	10,768,484.00	11,168,300.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	3,302,414.00	5,278,516.00	0.63

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	250,138.10	6,737,119.36	6,987,257.46
Years (Avg TPY)	0.89	23.94	24.83
Years (FY TPY)	1.04	28.13	29.18

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Gaston County Landfill

36-06

3155 Philadelphia Church Road

Dallas, NC 28034

phone: (704) 922-0267

http://www.co.gaston.nc.us/solidwaste

County
Gaston

DATES	Opened	Surveyed	Years Open
		7/1/1997	3/24/2009

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
		146,775.10	1,131,105.50

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	2,800,000.00	2,340,685.00	5,140,685.00
	Used	2,080,685.00	0.00	2,080,685.00
	Remaining	719,315.00	2,340,685.00	3,060,000.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
		1,131,105.50	2,080,685.00

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	391,035.24	1,272,447.14	1,663,482.38
	Years (Avg TPY)	4.05	13.19	17.25
	Years (FY TPY)	2.66	8.67	11.33

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity FY08-09

City of High Point MSW Landfill

41-04

3748 East Kivett Drive
High Point, NC 27260
phone: (336) 883-3433
http://www.high-point.net

County
Guilford

DATES	Opened	Surveyed	Years Open
	10/1/1993	5/13/2009	15.6

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	81,676.37	1,792,485.00	114,800.13

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	3,442,281.00	0.00	3,442,281.00
Used	2,986,570.00	0.00	2,986,570.00
Remaining	455,711.00	0.00	455,711.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	1,792,485.00	2,986,570.00	0.60

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	273,509.45	0.00	273,509.45
Years (Avg TPY)	2.38	0.00	2.38
Years (FY TPY)	3.35	0.00	3.35

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity FY08-09

City of Greensboro

41-12

2503 White Street

Greensboro, NC 27405

phone: (336) 373-7661

<http://www.greensboro-nc.gov/departments/environmental>

County
Guilford

DATES	Opened	Surveyed	Years Open
	12/9/1997	6/19/2009	11.5

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	7,766.29	2,357,374.19	204,520.41

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	5,113,682.00	0.00	5,113,682.00
Used	3,223,278.00	0.00	3,223,278.00
Remaining	1,890,404.00	0.00	1,890,404.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	2,357,374.19	3,223,278.00	0.73

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	1,382,564.46	0.00	1,382,564.46
Years (Avg TPY)	6.76	0.00	6.76
Years (FY TPY)	178.02	0.00	178.02

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Haywood County Solid Waste

44-07

3898 Fines Creek Road
 Waynesville, NC 28785
 phone: (828) 627-8042
 http://haywoodnc.net

County
Haywood

DATES	Opened	Surveyed	Years Open
	10/15/1993	3/30/2009	15.5

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	50,881.02	703,388.17	45,511.52

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	1,548,800.00	1,317,000.00	2,865,800.00
	Used	1,325,103.00	0.00	1,325,103.00
	Remaining	223,697.00	1,317,000.00	1,540,697.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	703,388.17	1,325,103.00	0.53

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	118,742.33	699,086.95	817,829.29
	Years (Avg TPY)	2.61	15.36	17.97
	Years (FY TPY)	2.33	13.74	16.07

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Iredell County Solid Waste

49-03

354 Twin Oaks Road
 Statesville, NC 28625
 phone: (704) 878-5430

County
Iredell

DATES	Opened	Surveyed	Years Open
		10/8/1993	6/2/2009

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
		187,176.54	2,125,033.93

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	5,167,570.00	1,493,810.00	6,661,380.00
	Used	3,727,036.00	0.00	3,727,036.00
	Remaining	1,440,534.00	1,493,810.00	2,934,344.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
		2,125,033.93	3,727,036.00

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	821,345.33	851,721.57	1,673,066.90
	Years (Avg TPY)	6.05	6.27	12.32
	Years (FY TPY)	4.39	4.55	8.94

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Johnston County Landfill

51-03

680 County Home Road

Smithfield, NC 27577

phone: (919) 938-4750

http://www.johnstonnc.com/mainpage.cfm?category_level_id=571

County
Johnston

DATES	Opened	Surveyed	Years Open
		10/1/1997	6/19/2009

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
		103,500.71	1,214,310.00

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
	Permitted	3,619,147.00	15,513,237.00
Used	2,473,458.00	0.00	2,473,458.00
Remaining	1,145,689.00	15,513,237.00	16,658,926.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
		1,214,310.00	2,473,458.00

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
	Tons of Waste	562,460.17	7,616,009.17
Years (Avg TPY)	5.43	73.48	78.90
Years (FY TPY)	5.43	73.58	79.02

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Lenoir County Landfill

54-09

2949 Hodges Farm Road

LaGrange, NC 28551

phone: (252) 566-4194

http://co.lenoir.nc.us

County
Lenoir

DATES	Opened	Surveyed	Years Open
	7/1/2004	4/20/2009	4.8

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	47,909.57	222,974.47	46,431.83

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	635,000.00	2,365,000.00	3,000,000.00
	Used	492,636.00	0.00	492,636.00
	Remaining	142,364.00	2,365,000.00	2,507,364.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	222,974.47	492,636.00	0.45

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	64,436.09	1,070,434.60	1,134,870.69
	Years (Avg TPY)	1.39	23.05	24.44
	Years (FY TPY)	1.34	22.34	23.69

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Lincoln County Solid Waste

55-03

5291 Crouse Road
 Crouse, NC 28033
 phone: (704) 732-9030

County
Lincoln

DATES	Opened	Surveyed	Years Open
		5/22/1993	4/6/2009

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
		45,508.00	679,568.00

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	2,176,100.00	2,261,600.00	4,437,700.00
	Used	1,425,382.00	0.00	1,425,382.00
	Remaining	750,718.00	2,261,600.00	3,012,318.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
		679,568.00	1,425,382.00

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	357,913.83	1,078,244.98	1,436,158.81
	Years (Avg TPY)	8.36	25.19	33.55
	Years (FY TPY)	7.86	23.69	31.56

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Macon County Solid Waste

57-03

1448 Lakeside Drive

Franklin, NC 28734

phone: (828) 349-2215

http://www.maconnc.org/solidwaste

County
Macon

DATES	Opened	Surveyed	Years Open
		5/1/1992	6/8/2009

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
		32,706.00	474,495.00

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	1,345,525.00	1,485,400.00	2,830,925.00
	Used	845,932.00	0.00	845,932.00
	Remaining	499,593.00	1,485,400.00	1,984,993.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
		474,495.00	845,932.00

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	280,228.65	833,181.48	1,113,410.12
	Years (Avg TPY)	10.10	30.03	40.13
	Years (FY TPY)	8.57	25.47	34.04

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Mecklenburg County Landfill

60-19

17131 Lancaster Highway

Charlotte, NC 28277

phone: (704) 336-6513

http://wipeoutwaste.com

County
Mecklenburg

DATES	Opened	Surveyed	Years Open
	4/11/2000	2/21/2009	8.9

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	79,173.00	1,090,780.00	123,041.20

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	5,659,985.00	10,240,015.00	15,900,000.00
	Used	1,931,923.00	0.00	1,931,923.00
	Remaining	3,728,062.00	10,240,015.00	13,968,077.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	1,090,780.00	1,931,923.00	0.56

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	2,104,895.21	5,781,598.73	7,886,493.94
	Years (Avg TPY)	17.11	46.99	64.10
	Years (FY TPY)	26.59	73.02	99.61

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity FY08-09

Uwharrie Environmental Regional Landfill

62-04

500 Landfill Road
Mount Gilead, NC 27306
phone: (910) 576-3697

County
Montgomery

DATES	Opened	Surveyed	Years Open
	12/11/1995	3/4/2009	13.2

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	802,316.47	7,778,170.47	587,950.49

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	14,885,000.00	18,900,000.00	33,785,000.00
Used	11,129,347.00	0.00	11,129,347.00
Remaining	3,755,653.00	18,900,000.00	22,655,653.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	7,778,170.47	11,129,347.00	0.70

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	2,624,781.96	13,208,988.98	15,833,770.94
Years (Avg TPY)	4.46	22.47	26.93
Years (FY TPY)	3.27	16.46	19.74

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

New Hanover County Landfill

65-04

5210 US Highway 421 North

Wilmington, NC 28401

phone: (910) 798-4403

http://www.nhcgov.com

County
New Hanover

DATES	Opened	Surveyed	Years Open
	8/24/1981	5/30/2009	27.8

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	119,807.57	4,225,252.00	152,181.57

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	7,843,310.00	1,060,790.00	8,904,100.00
Used	5,825,133.00	0.00	5,825,133.00
Remaining	2,018,177.00	1,060,790.00	3,078,967.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	4,225,252.00	5,825,133.00	0.73

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	1,463,881.84	769,442.53	2,233,324.37
Years (Avg TPY)	9.62	5.06	14.68
Years (FY TPY)	12.22	6.42	18.64

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Camp Lejeune MSW Landfill

67-08

Building 982 Piney Green Road

Camp Lejeune, NC 28542

phone: (910) 451-5003

County
Onslow

DATES	Opened	Surveyed	Years Open
	1/1/1998	5/31/2009	11.4

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	45,920.10	519,092.63	45,489.10

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	1,996,665.00	2,092,335.00	4,089,000.00
Used	1,209,345.00	0.00	1,209,345.00
Remaining	787,320.00	2,092,335.00	2,879,655.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	519,092.63	1,209,345.00	0.43

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	337,944.93	898,102.43	1,236,047.35
Years (Avg TPY)	7.43	19.74	27.17
Years (FY TPY)	7.36	19.56	26.92

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Onslow Subtitle D Landfill

67-09

415 Meadowview Road

Jacksonville, NC 28540

phone: (910) 989-2107

<http://www.onslowcountync.gov/landfill>

County
Onslow

DATES	Opened	Surveyed	Years Open
		1/1/1998	6/10/2009

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
		124,024.62	1,371,543.00

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	2,918,696.00	1,438,477.00	4,357,173.00
	Used	2,183,024.00	0.00	2,183,024.00
	Remaining	735,672.00	1,438,477.00	2,174,149.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
		1,371,543.00	2,183,024.00

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	462,205.54	903,761.51	1,365,967.04
	Years (Avg TPY)	3.85	7.54	11.39
	Years (FY TPY)	3.73	7.29	11.01

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Orange County Landfill

68-01

1514 Eubanks Road
 Chapel Hill Road, NC 27516
 phone: (919) 968-2788

County
Orange

DATES	Opened	Surveyed	Years Open
	7/1/1995	2/24/2009	13.7

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	50,760.20	786,450.00	57,599.93

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	1,604,000.00	0.00	1,604,000.00
Used	1,311,000.00	0.00	1,311,000.00
Remaining	293,000.00	0.00	293,000.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	786,450.00	1,311,000.00	0.60

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	175,766.48	0.00	175,766.48
Years (Avg TPY)	3.05	0.00	3.05
Years (FY TPY)	3.46	0.00	3.46

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Upper Piedmont Regional Landfill

73-04

9650 Oxford Road
 Rougemont, NC 27572
 phone: (336) 364-3699

County
Person

DATES	Opened	Surveyed	Years Open
	7/30/1997	3/4/2009	11.6

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	225,183.82	2,569,509.91	221,608.85

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	4,600,000.00	3,900,000.00	8,500,000.00
Used	3,913,043.00	0.00	3,913,043.00
Remaining	686,957.00	3,900,000.00	4,586,957.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	2,569,509.91	3,913,043.00	0.66

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	451,092.11	2,560,945.19	3,012,037.30
Years (Avg TPY)	2.04	11.56	13.59
Years (FY TPY)	2.00	11.37	13.38

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Robeson County Landfill

78-03

246 Landfill Road
 Saint Pauls, NC 28384
 phone: (910) 865-3348

County
Robeson

DATES	Opened	Surveyed	Years Open
	1/1/1998	7/20/2009	11.5

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	88,329.08	1,073,208.00	92,932.49

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	1,942,894.00	4,181,404.00	6,124,298.00
	Used	1,846,317.00	0.00	1,846,317.00
	Remaining	96,577.00	4,181,404.00	4,277,981.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	1,073,208.00	1,846,317.00	0.58

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	56,137.28	2,430,523.16	2,486,660.43
	Years (Avg TPY)	0.60	26.15	26.76
	Years (FY TPY)	0.64	27.52	28.15

Calculated Values:

- Average Tons = (Total Tons Received) / (Years Open)
- Unconstructed Airspace = (Facility Total) - (Constructed)
- Remaining Airspace
 - Constructed = (Constructed) - (Used)
 - Unconstructed = (Unconstructed) - (Used)
 - Facility Total = (Facility Total) - (Used)
- Compaction Density = (Total Tons Received) / (Total Airspace Used)
- Remaining Capacity
 - Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 - Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 - Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 - Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 - Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 - Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 - Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 - Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 - Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Rockingham County Landfill

79-04

281 Shuff Road
 Madison, NC 27025
 phone: (336) 427-5421
 http://co.rockingham.nc.us

County
Rockingham

DATES	Opened	Surveyed	Years Open
	5/5/1995	4/9/2009	13.9

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	83,877.90	1,083,444.00	77,776.71

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	2,720,112.00	3,934,991.00	6,655,103.00
	Used	2,099,751.00	0.00	2,099,751.00
	Remaining	620,361.00	3,934,991.00	4,555,352.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	1,083,444.00	2,099,751.00	0.52

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	320,098.15	2,030,403.79	2,350,501.94
	Years (Avg TPY)	4.12	26.11	30.22
	Years (FY TPY)	3.82	24.21	28.02

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Rowan County Landfill

80-03

789 Campbell Road
 Woodleaf, NC 27054
 phone: (704) 216-8589
 http://www.rowancountync.gov

County
Rowan

DATES	Opened	Surveyed	Years Open
	12/1/1989	6/16/2009	19.5

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	136,751.37	1,534,998.03	78,556.54

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	3,451,834.00	11,619,166.00	15,071,000.00
	Used	2,821,475.00	0.00	2,821,475.00
	Remaining	630,359.00	11,619,166.00	12,249,525.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	1,534,998.03	2,821,475.00	0.54

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	342,941.13	6,321,302.48	6,664,243.61
	Years (Avg TPY)	4.37	80.47	84.83
	Years (FY TPY)	2.51	46.22	48.73

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

WI-Sampson County MSW Unit

82-02

7434 Roseboro Highway

Roseboro, NC 28382

phone: (910) 990-0141

County
Sampson

DATES	Opened	Surveyed	Years Open
	2/22/1999	2/7/2009	10.0

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	1,054,304.81	7,692,878.00	772,353.96

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	13,729,944.00	42,870,056.00	56,600,000.00
Used	9,546,020.00	0.00	9,546,020.00
Remaining	4,183,924.00	42,870,056.00	47,053,980.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	7,692,878.00	9,546,020.00	0.81

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	3,371,710.61	34,547,812.67	37,919,523.27
Years (Avg TPY)	4.37	44.73	49.10
Years (FY TPY)	3.20	32.77	35.97

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

City of Albemarle Landfill

84-01

40592 B Stony Gap Road

Albemarle, NC 28001

phone: (704) 984-9667

County
Stanly

DATES	Opened	Surveyed	Years Open
	5/20/1999	4/14/2009	9.9

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	46,047.42	433,370.00	43,762.34

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	1,449,190.00	3,521,654.00	4,970,844.00
Used	740,104.00	0.00	740,104.00
Remaining	709,086.00	3,521,654.00	4,230,740.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	433,370.00	740,104.00	0.59

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	415,207.32	2,062,114.51	2,477,321.83
Years (Avg TPY)	9.49	47.12	56.61
Years (FY TPY)	9.02	44.78	53.80

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Surry County Municipal Solid Waste Landfill

86-06

237 Landfill Road
 Mount Airy, NC 27030
 phone: (336) 401-8375
 http://www.co.surry.nc.us

County
Surry

DATES	Opened	Surveyed	Years Open
	12/1/1998	6/25/2009	10.6

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	64,550.90	712,975.00	67,482.28

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	1,301,000.00	3,911,000.00	5,212,000.00
Used	1,298,650.00	0.00	1,298,650.00
Remaining	2,350.00	3,911,000.00	3,913,350.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	712,975.00	1,298,650.00	0.55

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	1,290.18	2,147,187.64	2,148,477.82
Years (Avg TPY)	0.02	31.82	31.84
Years (FY TPY)	0.02	33.26	33.28

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Transylvania County Solid Waste

88-07

500 Howell Road
 Brevard, NC 28712
 phone: (828) 884-6830
<http://transylvaniacounty.org/landfill.htm>

County
Transylvania

DATES	Opened	Surveyed	Years Open
	6/13/1990	2/2/2009	18.6

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	23,827.90	361,702.00	19,402.50

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	878,782.00	508,308.00	1,387,090.00
	Used	579,233.00	0.00	579,233.00
	Remaining	299,549.00	508,308.00	807,857.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	361,702.00	579,233.00	0.62

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	187,053.35	317,412.89	504,466.24
	Years (Avg TPY)	9.64	16.36	26.00
	Years (FY TPY)	7.85	13.32	21.17

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Wake County South Wake MSWLF

92-22

6300 Old Smithfield Road

Raleigh, NC 27539

phone: (919) 856-7444

http://www.wakegov.com

County
Wake

DATES	Opened	Surveyed	Years Open
		2/7/2008	7/15/2009

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
		463,126.15	577,124.00

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	1,810,730.00	26,655,370.00	28,466,100.00
	Used	1,207,510.00	0.00	1,207,510.00
	Remaining	603,220.00	26,655,370.00	27,258,590.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
		577,124.00	1,207,510.00

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	288,306.30	12,739,814.79	13,028,121.09
	Years (Avg TPY)	0.72	31.67	32.39
	Years (FY TPY)	0.62	27.51	28.13

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Wayne County Landfill

96-06

460 B South Landfill Road

Dudley, NC 28333

phone: (919) 689-2994

<http://www.waynegov.com/165810316164725693/site/default.asp>

County
Wayne

DATES	Opened	Surveyed	Years Open
		1/26/1998	4/22/2009

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
		73,200.72	952,114.71

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	2,082,000.00	2,922,195.00	5,004,195.00
	Used	1,539,760.00	0.00	1,539,760.00
	Remaining	542,240.00	2,922,195.00	3,464,435.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
		952,114.71	1,539,760.00

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	335,295.55	1,806,947.09	2,142,242.64
	Years (Avg TPY)	3.96	21.32	25.28
	Years (FY TPY)	4.58	24.68	29.27

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Municipal Solid Waste Landfill Capacity

FY08-09

Wilkes County Landfill

97-04

9219 Elkin Highway
 Roaring River, NC 28669
 phone: (336) 696-5806
 http://wilkescounty.net

County
Wilkes

DATES	Opened	Surveyed	Years Open
		10/7/1993	2/5/2009

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
		57,483.58	784,232.87

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	2,342,380.00	2,110,100.00	4,452,480.00
	Used	1,729,490.00	0.00	1,729,490.00
	Remaining	612,890.00	2,110,100.00	2,722,990.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
		784,232.87	1,729,490.00

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	277,913.42	956,819.51	1,234,732.93
	Years (Avg TPY)	5.43	18.71	24.14
	Years (FY TPY)	4.83	16.65	21.48

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Austin Quarter C&D Unit

01-04

2701 Austin Quarter Road

Graham, NC 27253

phone: (336) 376-8902

http://www.alamance-nc.com/d/landfill

County
Alamance

DATES	Opened	Surveyed	Years Open
	11/1/1993	3/19/2009	15.4

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	3,989.76	108,477.00	7,053.81

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	206,838.00	26,388.00	233,226.00
Used	193,093.00	0.00	193,093.00
Remaining	13,745.00	26,388.00	40,133.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	108,477.00	193,093.00	0.56

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	7,721.75	14,824.42	22,546.17
Years (Avg TPY)	1.09	2.10	3.20
Years (FY TPY)	1.94	3.72	5.65

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Cobles C&D Landfill

01-05

5833 Foster Store Road

Liberty, NC 27298

phone: (336) 565-4750

County
Alamance

DATES	Opened	Surveyed	Years Open
	9/25/1998	7/14/2009	10.8

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	14,488.29	587,753.77	54,417.51

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	998,781.00	5,937,122.00	6,935,903.00
Used	844,632.00	0.00	844,632.00
Remaining	154,149.00	5,937,122.00	6,091,271.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	587,753.77	844,632.00	0.70

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	107,267.61	4,131,462.98	4,238,730.59
Years (Avg TPY)	1.97	75.92	77.89
Years (FY TPY)	7.40	285.16	292.56

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Alexander County CDLF

02-01

2500 Payne Dairy Road

Taylorsville, NC 28681

phone: (828) 632-1101

http://www.alexandercountync.gov

County
Alexander

DATES	Opened	Surveyed	Years Open
		1/1/1998	6/23/2009

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
		1,688.12	34,471.00

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
	Permitted	130,296.00	0.00
Used	83,524.00	0.00	83,524.00
Remaining	46,772.00	0.00	46,772.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
		34,471.00	83,524.00

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
	Tons of Waste	19,303.17	0.00
Years (Avg TPY)	6.43	0.00	6.43
Years (FY TPY)	11.43	0.00	11.43

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Avery County

06-03

2175 Brushy Creek Road

Spruce Pine, NC 28777

phone: (828) 737-5420

http://averycountync.gov

County
Avery

Information not available by time of report.

DATES	Opened	Surveyed	Years Open
	7/1/1996	9/24/2007	11.2

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	0.00	33,637.60	2,995.16

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted			
Used	105,286.00	0.00	105,286.00
Remaining			

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	33,637.60	105,286.00	0.32

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste			
Years (Avg TPY)			
Years (FY TPY)			

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Brunswick County CDLF

10-07

172 Landfill Road
Bolivia, NC 28422

phone: (910) 253-2521

http://www.brunswickcountync.gov

County
Brunswick

DATES	Opened	Surveyed	Years Open
	7/1/1998	7/26/2007	9.1

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	26,683.91	47,015.25	5,184.88

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	1,146,100.00	0.00	1,146,100.00
Used	871,608.00	0.00	871,608.00
Remaining	274,492.00	0.00	274,492.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	47,015.25	871,608.00	0.05

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	14,806.32	0.00	14,806.32
Years (Avg TPY)	2.86	0.00	2.86
Years (FY TPY)	0.55	0.00	0.55

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Buncombe County Solid Waste Management Facility

11-07

85 Panther Branch Road
Alexander, NC 28701
phone: (828) 250-5467
<http://www.buncombecounty.org>

County
Buncombe

DATES	Opened	Surveyed	Years Open
	9/1/1997	4/21/2009	11.6

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	32,529.00	448,947.00	38,583.03

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	764,786.00	1,665,500.00	2,430,286.00
Used	692,513.00	0.00	692,513.00
Remaining	72,273.00	1,665,500.00	1,737,773.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	448,947.00	692,513.00	0.65

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	46,853.63	1,079,721.58	1,126,575.21
Years (Avg TPY)	1.21	27.98	29.20
Years (FY TPY)	1.44	33.19	34.63

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Burke County CDLF

12-03

2500 Marsh Trail
Morganton, NC 28655
phone: (828) 439-4394
http://co.burke.nc.us

County
Burke

DATES	Opened	Surveyed	Years Open
	1/7/1998	7/28/2009	11.6

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	9,297.73	165,642.55	14,336.72

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	322,496.00	0.00	322,496.00
Used	235,935.00	0.00	235,935.00
Remaining	86,561.00	0.00	86,561.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	165,642.55	235,935.00	0.70

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	60,771.76	0.00	60,771.76
Years (Avg TPY)	4.24	0.00	4.24
Years (FY TPY)	6.54	0.00	6.54

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Cabarrus County Solid Waste

13-02

4441 Irish Potato
Concord, NC 28026
phone: (704) 920-2950
<http://www.cabarruscounty.us/waste>

County
Cabarrus

DATES	Opened	Surveyed	Years Open
	12/5/2006	5/22/2009	2.5

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	45,089.85	129,672.48	52,683.95

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	327,559.00	480,293.00	807,852.00
Used	220,693.00	0.00	220,693.00
Remaining	106,866.00	480,293.00	587,159.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	129,672.48	220,693.00	0.59

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	62,791.20	282,205.53	344,996.73
Years (Avg TPY)	1.19	5.36	6.55
Years (FY TPY)	1.39	6.26	7.65

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Highway 49 C&D Landfill and Recycling

13-06

2105 Speedrail Court
Harrisburg, NC 28025

phone: (704) 895-0329

<http://www.griffinbrothers.com/reclamation/>

County
Cabarrus

DATES	Opened	Surveyed	Years Open
	4/4/2000	3/20/2009	9.0

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	81,862.57	557,052.90	62,183.24

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	2,247,000.00	0.00	2,247,000.00
Used	994,600.00	0.00	994,600.00
Remaining	1,252,400.00	0.00	1,252,400.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	557,052.90	994,600.00	0.56

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	701,440.83	0.00	701,440.83
Years (Avg TPY)	11.28	0.00	11.28
Years (FY TPY)	8.57	0.00	8.57

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Catawba County C&D Unit

18-03

3993 Rocky Ford Road

Newton, NC 28658

phone: (704) 462-1348

<http://www.co.catawba.nc.us/depts/u&e/solwasmg.asp>

County
Catawba

Unit 2 Data

DATES	Opened	Surveyed	Years Open
	10/1/2002	4/27/2009	6.6

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	32,910.67	236,242.00	35,953.08

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	836,000.00	994,624.00	1,830,624.00
Used	381,624.00	0.00	381,624.00
Remaining	454,376.00	994,624.00	1,449,000.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	236,242.00	381,624.00	0.62

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	281,278.68	615,715.90	896,994.58
Years (Avg TPY)	7.82	17.13	24.95
Years (FY TPY)	8.55	18.71	27.26

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Cleveland County Landfill

23-01

1609 Airport Road
Shelby, NC 28150
phone: (704) 476-3162
http://clevelandcounty.com

County
Cleveland

DATES	Opened	Surveyed	Years Open
	1/1/1998	6/30/2009	11.5

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	41,272.78	488,345.23	42,488.83

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	789,550.00	0.00	789,550.00
Used	557,310.00	0.00	557,310.00
Remaining	232,240.00	0.00	232,240.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	488,345.23	557,310.00	0.88

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	203,501.28	0.00	203,501.28
Years (Avg TPY)	4.79	0.00	4.79
Years (FY TPY)	4.93	0.00	4.93

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Cumberland County C&D

26-01

698 Ann Street

Fayetteville, NC 28301

phone: (910) 321-6929

http://co.cumberland.nc.us/solid_waste_mgmt/container_sites/ann_st_landfill.aspx

County
Cumberland

DATES	Opened	Surveyed	Years Open
	1/1/1998	6/10/2009	11.4

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	17,911.16	312,669.00	27,334.22

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	681,975.00	0.00	681,975.00
Used	403,587.00	0.00	403,587.00
Remaining	278,388.00	0.00	278,388.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	312,669.00	403,587.00	0.77

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	215,674.19	0.00	215,674.19
Years (Avg TPY)	7.89	0.00	7.89
Years (FY TPY)	12.04	0.00	12.04

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Fort Bragg C&D Landfill

26-08

Bldg #O-3454, Lamont Road

Fort Bragg, NC 28310

phone: (910) 396-3372

County
Cumberland

DATES	Opened	Surveyed	Years Open
	1/27/1998	6/2/2009	11.3

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	100,422.98	1,234,305.91	108,791.08

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	4,330,857.00	0.00	4,330,857.00
Used	2,021,105.40	0.00	2,021,105.40
Remaining	2,309,751.60	0.00	2,309,751.60

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	1,234,305.91	2,021,105.40	0.61

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	1,410,584.55	0.00	1,410,584.55
Years (Avg TPY)	12.97	0.00	12.97
Years (FY TPY)	14.05	0.00	14.05

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Dare County C&D Landfill

28-03

1603 Cub Road
Manns Harbor, NC 27953
phone: (252) 475-5880

County
Dare

DATES	Opened	Surveyed	Years Open
	11/15/1995	6/20/2008	12.6

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	14,881.00	200,462.15	15,913.67

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	918,000.00	653,800.00	1,571,800.00
Used	684,680.00	0.00	684,680.00
Remaining	233,320.00	653,800.00	887,120.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	200,462.15	684,680.00	0.29

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	68,311.95	191,421.03	259,732.99
Years (Avg TPY)	4.29	12.03	16.32
Years (FY TPY)	4.59	12.86	17.45

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Davidson County CDLF

29-06

220 Davidson County Landfill Road

Lexington, NC 27292

phone: (336) 240-0303

http://www.co.davidson.nc.us/government/department_portal.aspx

County
Davidson

DATES	Opened	Surveyed	Years Open
	12/4/2001	5/13/2009	7.4

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	9,313.58	74,338.00	9,993.36

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	244,324.00	76,006.00	320,330.00
Used	147,550.00	0.00	147,550.00
Remaining	96,774.00	76,006.00	172,780.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	74,338.00	147,550.00	0.50

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	48,756.26	38,293.01	87,049.27
Years (Avg TPY)	4.88	3.83	8.71
Years (FY TPY)	5.23	4.11	9.35

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Edgecombe County CDLF

33-01

2872 Colonial Road
Tarboro, NC 27886

phone: (252) 827-4253

http://www.edgecombecountync.gov

County
Edgecombe

DATES	Opened	Surveyed	Years Open
	12/30/1997	10/26/2008	10.8

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	13,377.42	349,813.88	32,322.17

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	1,094,500.00	0.00	1,094,500.00
Used	636,400.00	0.00	636,400.00
Remaining	458,100.00	0.00	458,100.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	349,813.88	636,400.00	0.55

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	251,806.63	0.00	251,806.63
Years (Avg TPY)	7.79	0.00	7.79
Years (FY TPY)	18.82	0.00	18.82

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Old Salisbury Road Landfill

34-12

3336 Old Salisbury Road
Winston-Salem, NC 27127
phone: (336) 747-7310
<http://www.cityofws.org>

County
Forsyth

DATES	Opened	Surveyed	Years Open
	8/1/1996	1/1/2009	12.4

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	59,136.73	1,136,288.00	91,496.74

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	4,030,000.00	0.00	4,030,000.00
Used	2,364,900.00	0.00	2,364,900.00
Remaining	1,665,100.00	0.00	1,665,100.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	1,136,288.00	2,364,900.00	0.48

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	800,047.85	0.00	800,047.85
Years (Avg TPY)	8.74	0.00	8.74
Years (FY TPY)	13.53	0.00	13.53

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Gaston County C&D Landfill

36-06

3155 Philadelphia Church Road

Dallas, NC 28034

phone: (704) 922-0267

http://www.co.gaston.nc.us/solidwaste

County
Gaston

DATES	Opened	Surveyed	Years Open
	2/5/1999	3/20/2009	10.1

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	35,111.84	402,060.65	39,732.86

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	910,294.00	0.00	910,294.00
Used	610,294.00	0.00	610,294.00
Remaining	300,000.00	0.00	300,000.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	402,060.65	610,294.00	0.66

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	197,639.49	0.00	197,639.49
Years (Avg TPY)	4.97	0.00	4.97
Years (FY TPY)	5.63	0.00	5.63

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Northern Granville C&D Landfill

39-01

6584 Landfill Road
Oxford, NC 27565
phone: (919) 603-1355

County
Granville

DATES	Opened	Surveyed	Years Open
	1/1/1998	6/30/2009	11.5

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	15,159.56	66,564.00	5,791.45

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	349,550.00	191,632.00	541,182.00
Used	79,399.00	0.00	79,399.00
Remaining	270,151.00	191,632.00	461,783.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	66,564.00	79,399.00	0.84

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	226,480.57	160,654.32	387,134.90
Years (Avg TPY)	39.11	27.74	66.85
Years (FY TPY)	14.94	10.60	25.54

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Greene County CDLF

40-02

105 Landfill Road
Walstonburg, NC 27888
phone: (252) 747-5720

County
Greene

DATES			
	Opened	Surveyed	Years Open
	1/1/1998	5/8/2009	11.3

DISPOSAL (tons)			
	Fiscal Year 08-09	Total	Average per Year
	750.02	27,500.00	2,423.25

AIRSPACE (cubic yards)			
	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	164,961.00	0.00	164,961.00
Used	122,023.00	0.00	122,023.00
Remaining	42,938.00	0.00	42,938.00

COMPACTION DENSITY (tons/cy)			
	Total Tons	Airspace Used	Compaction Density
	27,500.00	122,023.00	0.23

REMAINING CAPACITY			
	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	9,676.82	0.00	9,676.82
Years (Avg TPY)	3.99	0.00	3.99
Years (FY TPY)	12.90	0.00	12.90

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

City of Greensboro

41-03

2503 White Street

Greensboro, NC 27405

phone: (336) 373-7661

<http://www.greensboro-nc.gov/departments/environmental>

County
Guilford

DATES	Opened	Surveyed	Years Open
		1/1/1998	6/19/2009

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
		72,123.67	1,443,709.94

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
	Permitted	2,315,800.00	0.00
Used	1,136,005.00	0.00	1,136,005.00
Remaining	1,179,795.00	0.00	1,179,795.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
		1,443,709.94	1,136,005.00

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
	Tons of Waste	1,499,361.15	0.00
Years (Avg TPY)	11.91	0.00	11.91
Years (FY TPY)	20.79	0.00	20.79

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

WCA of High Point

41-16

5830 Riverdale Drive
Jamestown, NC 27282
phone: (336) 886-3560

County
Guilford

DATES	Opened	Surveyed	Years Open
	2/4/2004	2/13/2009	5.0

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	78,210.62	607,500.00	120,854.78

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	1,067,860.00	3,839,000.00	4,906,860.00
Used	867,860.00	0.00	867,860.00
Remaining	200,000.00	3,839,000.00	4,039,000.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	607,500.00	867,860.00	0.70

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	139,999.54	2,687,291.15	2,827,290.69
Years (Avg TPY)	1.16	22.24	23.39
Years (FY TPY)	1.79	34.36	36.15

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

A-1 Sandrock C&D Landfill

41-17

2091 Bishop Road
Greensboro, NC 27406
phone: (336) 736-2104
<http://www.a1sandrockinc.com>

County
Guilford

DATES	Opened	Surveyed	Years Open
	4/19/2009	6/30/2009	0.2

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	3,237.60	3,237.00	16,421.03

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	62,370.00	2,177,630.00	2,240,000.00
Used	5,396.00	0.00	5,396.00
Remaining	56,974.00	2,177,630.00	2,234,604.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	3,237.00	5,396.00	0.60

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	34,178.06	1,306,335.86	1,340,513.93
Years (Avg TPY)	2.08	79.55	81.63
Years (FY TPY)	10.56	403.49	414.05

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Halifax County Landfill

42-04

921 Liles Road
Littleton, NC 27850
phone: (252) 586-7516

County
Halifax

DATES	Opened	Surveyed	Years Open
	1/1/1998	5/1/2008	10.3

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	4,445.47	51,635.00	4,998.59

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	131,267.00	0.00	131,267.00
Used	67,399.00	0.00	67,399.00
Remaining	63,868.00	0.00	63,868.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	51,635.00	67,399.00	0.77

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	48,929.87	0.00	48,929.87
Years (Avg TPY)	9.79	0.00	9.79
Years (FY TPY)	11.01	0.00	11.01

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Harnett County CDLF

43-02

449 Daniels Road
Dunn, NC 28334
phone: (910) 893-7536

County
Harnett

DATES	Opened	Surveyed	Years Open
	1/1/1998	6/1/2008	10.4

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	16,566.10	164,725.56	15,816.51

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total	
	Permitted	899,000.00	0.00	899,000.00
	Used	861,000.00	0.00	861,000.00
	Remaining	38,000.00	0.00	38,000.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	164,725.56	861,000.00	0.19

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total	
	Tons of Waste	7,270.12	0.00	7,270.12
	Years (Avg TPY)	0.46	0.00	0.46
	Years (FY TPY)	0.44	0.00	0.44

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
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 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
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 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.
Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Harnett County Anderson Creek C&D Landfill

43-03

1086 Poplar Drive
Lillington, NC 27546
phone: (910) 893-7536

County
Harnett

DATES	Opened	Surveyed	Years Open
	12/1/1996	7/1/2009	12.6

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	9,313.29	97,394.62	7,741.76

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	286,610.00	0.00	286,610.00
Used	276,400.00	0.00	276,400.00
Remaining	10,210.00	0.00	10,210.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	97,394.62	276,400.00	0.35

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	3,597.68	0.00	3,597.68
Years (Avg TPY)	0.46	0.00	0.46
Years (FY TPY)	0.39	0.00	0.39

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
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 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Johnston County Landfill

51-03

680 County Home Road

Smithfield, NC 27577

phone: (919) 938-4750

http://www.johnstonnc.com/mainpage.cfm?category_level_id=571

County
Johnston

DATES	Opened	Surveyed	Years Open
		7/18/2007	6/19/2009

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
		29,517.01	64,793.00

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
	Permitted	410,675.00	462,658.00
Used	136,788.00	0.00	136,788.00
Remaining	273,887.00	462,658.00	736,545.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
		64,793.00	136,788.00

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
	Tons of Waste	129,733.31	219,149.34
Years (Avg TPY)	3.85	6.50	10.35
Years (FY TPY)	4.40	7.42	11.82

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Lenoir County Landfill

54-03

2949 Hodges Farm Road

LaGrange, NC 28551

phone: (252) 566-4194

http://co.lenoir.nc.us

County
Lenoir

DATES	Opened	Surveyed	Years Open
	1/1/1998	4/20/2009	11.3

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	13,580.56	286,627.00	25,367.22

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	491,556.00	2,731,528.00	3,223,084.00
Used	405,757.00	0.00	405,757.00
Remaining	85,799.00	2,731,528.00	2,817,327.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	286,627.00	405,757.00	0.71

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	60,608.47	1,929,553.10	1,990,161.56
Years (Avg TPY)	2.39	76.06	78.45
Years (FY TPY)	4.46	142.08	146.54

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Lincoln County Solid Waste

55-03

5291 Crouse Road
Crouse, NC 28033
phone: (704) 732-9030

County
Lincoln

DATES	Opened	Surveyed	Years Open
	7/1/1993	4/6/2009	15.8

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	11,265.00	134,115.00	8,507.38

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	493,177.00	0.00	493,177.00
Used	247,567.00	0.00	247,567.00
Remaining	245,610.00	0.00	245,610.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	134,115.00	247,567.00	0.54

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	133,054.83	0.00	133,054.83
Years (Avg TPY)	15.64	0.00	15.64
Years (FY TPY)	11.81	0.00	11.81

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

BFI-Lake Norman Landfill

55-04

7090 Quarry Lane
Stanley, NC 28164

phone: (704) 262-6002
http://www.republicservices.com

County
Lincoln

DATES	Opened	Surveyed	Years Open
	3/25/1999	2/3/2009	9.9

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	31,302.87	918,966.35	93,159.16

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	1,840,960.00	1,215,060.00	3,056,020.00
Used	1,515,640.00	0.00	1,515,640.00
Remaining	325,320.00	1,215,060.00	1,540,380.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	918,966.35	1,515,640.00	0.61

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	197,248.77	736,717.99	933,966.76
Years (Avg TPY)	2.12	7.91	10.03
Years (FY TPY)	6.30	23.54	29.84

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Madison County Solid Waste

58-03

271 Craig Rudisill Road
Marshall, NC 28753
phone: (828) 649-2311
<http://madisoncountync.org>

County
Madison

DATES	Opened	Surveyed	Years Open
	11/1/2006	6/23/2009	2.6

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	4,033.76	11,095.00	4,199.43

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	131,600.00	0.00	131,600.00
Used	25,700.00	0.00	25,700.00
Remaining	105,900.00	0.00	105,900.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	11,095.00	25,700.00	0.43

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	45,718.31	0.00	45,718.31
Years (Avg TPY)	10.89	0.00	10.89
Years (FY TPY)	11.33	0.00	11.33

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Martin County C&D Landfill

59-01

1445 Landfill Road

Williamston, NC 27892

phone: (252) 792-1240

http://www.martincountyncgov.com

County
Martin

Information not available by time of report. Date of opening based on available disposal records.

DATES	Opened	Surveyed	Years Open
	1/1/1997		

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	5,449.24	84,676.00	

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted			
Used		0.00	
Remaining			

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	84,676.00		

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste			
Years (Avg TPY)			
Years (FY TPY)			

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.
Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

North Mecklenburg C&D Landfill

60-13

15300 Holbrooks Road
Huntersville, NC 28078

phone: (704) 895-0329

<http://www.griffinbrothers.com/reclamation/>

County
Mecklenburg

DATES	Opened	Surveyed	Years Open
	3/12/2006	3/18/2009	3.0

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	138,358.61	381,568.61	126,468.18

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	987,733.00	0.00	987,733.00
Used	486,733.00	0.00	486,733.00
Remaining	501,000.00	0.00	501,000.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	381,568.61	486,733.00	0.78

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	392,753.06	0.00	392,753.06
Years (Avg TPY)	3.11	0.00	3.11
Years (FY TPY)	2.84	0.00	2.84

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Moore County Construction & Demolition Landfill

63-01

456 Turning Leaf Way (Landfill Road)

Aberdeen, NC 28315

phone: (910) 947-6315

http://www.moorecountync.gov

County
Moore

DATES	Opened	Surveyed	Years Open
	10/1/1993	7/25/2009	15.8

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	23,407.00	395,527.00	25,011.47

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	1,050,443.00	400,990.00	1,451,433.00
Used	843,493.00	0.00	843,493.00
Remaining	206,950.00	400,990.00	607,940.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	395,527.00	843,493.00	0.47

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	97,042.08	188,030.45	285,072.53
Years (Avg TPY)	3.88	7.52	11.40
Years (FY TPY)	4.15	8.03	12.18

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Nash County C&D Landfill

64-03

3057 Duke Road
Nashville, NC 27856
phone: (252) 459-9899

County
Nash

DATES	Opened	Surveyed	Years Open
	1/3/2000	3/1/2009	9.2

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	11,028.00	187,000.00	20,419.06

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	559,400.00	310,600.00	870,000.00
Used	490,000.00	0.00	490,000.00
Remaining	69,400.00	310,600.00	380,000.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	187,000.00	490,000.00	0.38

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	26,485.31	118,535.10	145,020.41
Years (Avg TPY)	1.30	5.81	7.10
Years (FY TPY)	2.40	10.75	13.15

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Orange County Landfill

68-04

1514 Eubanks Road
Chapel Hill, NC 27516
phone: (919) 968-2788

County
Orange

DATES	Opened	Surveyed	Years Open
	6/1/2006	4/1/2009	2.8

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	10,991.40	42,191.00	14,889.14

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	253,380.00	658,853.00	912,233.00
Used	91,553.00	0.00	91,553.00
Remaining	161,827.00	658,853.00	820,680.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	42,191.00	91,553.00	0.46

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	74,575.85	303,623.77	378,199.62
Years (Avg TPY)	5.01	20.39	25.40
Years (FY TPY)	6.78	27.62	34.41

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Pasquotank County Landfill

70-02

983 Simpson Ditch Road
Elizabeth City, NC 27909
phone: (252) 335-4105

County
Pasquotank

DATES	Opened	Surveyed	Years Open
	4/1/1996	6/1/2009	13.2

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	13,268.20	550,397.20	41,803.41

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	715,758.00	606,417.00	1,322,175.00
Used	606,417.00	0.00	606,417.00
Remaining	109,341.00	606,417.00	715,758.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	550,397.20	606,417.00	0.91

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	99,240.26	550,397.20	649,637.46
Years (Avg TPY)	2.37	13.17	15.54
Years (FY TPY)	7.48	41.48	48.96

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.
 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

C&D Landfill, Inc.

802 Recycling Lane
Greenville, NC 27834
phone: (252) 752-8274

74-07

County
Pitt

DATES	Opened	Surveyed	Years Open
	6/1/2001	5/1/2009	7.9

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	41,955.30	381,992.30	48,261.05

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	842,000.00	1,046,156.00	1,888,156.00
Used	664,275.00	0.00	664,275.00
Remaining	177,725.00	1,046,156.00	1,223,881.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	381,992.30	664,275.00	0.58

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	102,201.02	601,593.52	703,794.54
Years (Avg TPY)	2.12	12.47	14.58
Years (FY TPY)	2.44	14.34	16.77

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Gold Hill Road Landscape Supply & LCID

76-06

385 Gold Hill Road
Asheboro, NC 27203
phone: (336) 629-7175
<http://GoldhillRd.com>

County
Randolph

DATES	Opened	Surveyed	Years Open
	10/19/2001	6/2/2009	7.6

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	10,807.03	105,133.27	13,798.03

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	450,000.39	159,838.00	609,838.39
Used	159,838.39	0.00	159,838.39
Remaining	290,162.00	159,838.00	450,000.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	105,133.27	159,838.39	0.66

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	190,853.27	105,133.01	295,986.29
Years (Avg TPY)	13.83	7.62	21.45
Years (FY TPY)	17.66	9.73	27.39

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Robeson County

78-03

246 Landfill Road
Saint Pauls, NC 28384
phone: (910) 865-3348

County
Robeson

DATES	Opened	Surveyed	Years Open
	8/1/1997	7/20/2009	12.0

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	19,232.72	199,948.00	16,708.08

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	441,708.00	44,188.00	485,896.00
Used	407,014.00	0.00	407,014.00
Remaining	34,694.00	44,188.00	78,882.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	199,948.00	407,014.00	0.49

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	17,043.63	21,707.61	38,751.24
Years (Avg TPY)	1.02	1.30	2.32
Years (FY TPY)	0.89	1.13	2.01

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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Data provided by Facility.
Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Rutherford County Solid Waste

81-03

656 Laurel Hill Drive
Rutherfordton, NC 28139
phone: (828) 287-6002

County
Rutherford

DATES	Opened	Surveyed	Years Open
	1/1/2001	4/23/2009	8.3

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	12,953.77	157,629.04	18,976.27

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	561,787.00	0.00	561,787.00
Used	315,000.00	0.00	315,000.00
Remaining	246,787.00	0.00	246,787.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	157,629.04	315,000.00	0.50

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	123,494.60	0.00	123,494.60
Years (Avg TPY)	6.51	0.00	6.51
Years (FY TPY)	9.53	0.00	9.53

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

WI-Sampson County C&D Unit

82-02

7434 Roseboro Highway

Roseboro, NC 28382

phone: (910) 990-0141

County
Sampson

DATES	Opened	Surveyed	Years Open
	9/16/1996	2/7/2009	12.4

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	738.87	247,493.00	19,968.37

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	1,168,717.00	1,871,059.00	3,039,776.00
Used	543,032.00	0.00	543,032.00
Remaining	625,685.00	1,871,059.00	2,496,744.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	247,493.00	543,032.00	0.46

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	285,163.04	852,756.38	1,137,919.43
Years (Avg TPY)	14.28	42.71	56.99
Years (FY TPY)	385.94	1,154.14	1,540.08

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Scotland County Solid Waste

83-01

10681 Patterson Road

Maxton, NC

phone: (910) 844-9206

County
Scotland

DATES	Opened	Surveyed	Years Open
	1/1/1998	3/24/2005	7.2

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	0.00	182,457.00	25,252.91

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	682,732.00	463,386.00	1,146,118.00
Used	401,405.00	0.00	401,405.00
Remaining	281,327.00	463,386.00	744,713.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	182,457.00	401,405.00	0.45

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	127,876.04	210,630.21	338,506.25
Years (Avg TPY)	5.06	8.34	13.40
Years (FY TPY)	#Error	#Error	#Error

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

City of Albemarle Landfill

84-01

40592 B Stony Gap Road
Albemarle, NC 28001
phone: (704) 984-9667

County
Stanly

DATES	Opened	Surveyed	Years Open
	5/31/1998	4/14/2009	10.9

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	16,363.26	293,431.00	26,989.59

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	892,975.00	0.00	892,975.00
Used	577,382.00	0.00	577,382.00
Remaining	315,593.00	0.00	315,593.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	293,431.00	577,382.00	0.51

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	160,387.35	0.00	160,387.35
Years (Avg TPY)	5.94	0.00	5.94
Years (FY TPY)	9.80	0.00	9.80

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
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 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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 Data provided by Facility.
 Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Union County C&D Landfill

90-01

2125 Austin Chaney Road

Wingate, NC 28174

phone: (704) 233-5334

http://www.co.union.nc.us

County
Union

DATES	Opened	Surveyed	Years Open
	1/1/1998	6/29/2009	11.5

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	15,770.92	267,485.00	23,278.27

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	1,126,194.00	0.00	1,126,194.00
Used	380,796.00	0.00	380,796.00
Remaining	745,398.00	0.00	745,398.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	267,485.00	380,796.00	0.70

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	523,594.74	0.00	523,594.74
Years (Avg TPY)	22.49	0.00	22.49
Years (FY TPY)	33.20	0.00	33.20

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

Data provided by Facility.

Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Shotwell Landfill, Inc.

92-26

4724 Smithfield Road

Wendell, NC 27591

phone: (919) 790-5470

County
Wake

DATES	Opened	Surveyed	Years Open
	10/13/1997	3/18/2009	11.4

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	87,512.71	352,683.00	30,861.87

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	813,000.00	212,000.00	1,025,000.00
Used	658,732.00	0.00	658,732.00
Remaining	154,268.00	212,000.00	366,268.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	352,683.00	658,732.00	0.54

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	82,594.59	113,504.12	196,098.71
Years (Avg TPY)	2.68	3.68	6.35
Years (FY TPY)	0.94	1.30	2.24

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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Data provided by Facility.

Analysis by Solid Waste Section.

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Construction and Demolition Landfill Capacity FY08-09

Red Rock Disposal LLC

92-28

7130 New Landfill Drive
Holly Springs, NC 27540
phone: (919) 557-9583

County
Wake

DATES	Opened	Surveyed	Years Open
	11/1/2001	2/7/2009	7.3

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	98,961.77	912,788.00	125,572.81

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	3,758,814.00	15,233,985.00	18,992,799.00
Used	2,010,000.00	0.00	2,010,000.00
Remaining	1,748,814.00	15,233,985.00	16,982,799.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	912,788.00	2,010,000.00	0.45

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	794,177.33	6,918,108.81	7,712,286.14
Years (Avg TPY)	6.32	55.09	61.42
Years (FY TPY)	8.03	69.91	77.93

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
 Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)
 Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)
 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
 Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)
 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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Construction and Demolition Landfill Capacity FY08-09

Highway 55 C&D Landfill, LLC

92-30

5940 Old Smithfield Road

Apex, NC 27539

phone: (919) 367-2895

County
Wake

DATES	Opened	Surveyed	Years Open
	10/1/2002	3/24/2009	6.5

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	66,174.02	582,516.00	89,925.60

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	858,000.00	2,000,000.00	2,858,000.00
Used	776,775.00	0.00	776,775.00
Remaining	81,225.00	2,000,000.00	2,081,225.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	582,516.00	776,775.00	0.75

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	60,911.93	1,499,832.00	1,560,743.92
Years (Avg TPY)	0.68	16.68	17.36
Years (FY TPY)	0.92	22.66	23.59

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)

Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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Analysis by Solid Waste Section.

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Construction and Demolition Landfill Capacity FY08-09

Material Recovery/Brownfield Road C&D Landfill

92-31

2600 Brownfield Road

Raleigh, NC 27610

phone: (919) 866-1211

County
Wake

DATES	Opened	Surveyed	Years Open
	10/1/2003	2/13/2009	5.4

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	124,985.86	1,093,504.00	203,568.98

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	1,429,000.00	7,637,520.00	9,066,520.00
Used	1,822,500.00	0.00	1,822,500.00
Remaining	-393,500.00	7,637,520.00	7,244,020.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	1,093,504.00	1,822,500.00	0.60

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	-236,100.86	4,582,528.76	4,346,427.90
Years (Avg TPY)	-1.16	22.51	21.35
Years (FY TPY)	-1.89	36.66	34.78

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

Years Avg TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Average Tons)

Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)

Years FY TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Fiscal Year Tons)

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Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

These figures are based on current tonnage and compaction density and do not account for future growth or changes in operations.

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Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Washington County C&D Landfill

94-04

718 Landfill Road
Roper, NC 27920
phone: (252) 793-5615

County
Washington

DATES	Opened	Surveyed	Years Open
	1/1/1996	6/11/2008	12.4

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	1,333.70	19,782.00	1,589.74

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	52,192.00	0.00	52,192.00
Used	52,192.00	0.00	52,192.00
Remaining	0.00	0.00	0.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	19,782.00	52,192.00	0.38

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	0.00	0.00	0.00
Years (Avg TPY)	0.00	0.00	0.00
Years (FY TPY)	0.00	0.00	0.00

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
 Remaining Capacity
 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
 Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)
 Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)
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 Years Avg TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Average Tons)
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 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

Note:

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Construction and Demolition Landfill Capacity FY08-09

Wayne County CDLF

96-01

460 B South Landfill Road

Dudley, NC 28333

phone: (919) 689-2994

<http://www.waynegov.com/165810316164725693/site/default.asp>

County
Wayne

DATES	Opened	Surveyed	Years Open
	1/1/1998	4/22/2009	11.3

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	22,501.45	381,646.14	33,760.29

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	841,088.00	0.00	841,088.00
Used	610,524.00	0.00	610,524.00
Remaining	230,564.00	0.00	230,564.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	381,646.14	610,524.00	0.63

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	144,128.42	0.00	144,128.42
Years (Avg TPY)	4.27	0.00	4.27
Years (FY TPY)	6.41	0.00	6.41

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)

Unconstructed Airspace = (Facility Total) - (Constructed)

Remaining Airspace

Constructed = (Constructed) - (Used)

Unconstructed = (Unconstructed) - (Used)

Facility Total = (Facility Total) - (Used)

Compaction Density = (Total Tons Received) / (Total Airspace Used)

Remaining Capacity

Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)

Tons of Waste (Unconstructed) = (Remaining Unconstructed Airspace) x (Compaction Density)

Tons of Waste (Facility Total) = (Remaining Facility Total Airspace) x (Compaction Density)

Years Avg TPY (Constructed) = (Remaining Capacity-Tons of Waste (Constructed)) / (Average Tons)

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Note:

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Analysis by Solid Waste Section.

Printed:1/28/2010



Construction and Demolition Landfill Capacity FY08-09

Wilson County Solid Waste

98-09

4537 Landill Road
Wilson, NC 27893
phone: (252) 399-2823
http://www.wilson-co.com

County
Wilson

DATES	Opened	Surveyed	Years Open
	10/4/2004	6/30/2009	4.7

DISPOSAL (tons)	Fiscal Year 08-09	Total	Average per Year
	12,418.80	83,073.00	17,538.97

AIRSPACE (cubic yards)	Constructed Cells	Unconstructed Cells	Facility Total
Permitted	433,560.00	0.00	433,560.00
Used	168,077.00	0.00	168,077.00
Remaining	265,483.00	0.00	265,483.00

COMPACTION DENSITY (tons/cy)	Total Tons	Airspace Used	Compaction Density
	83,073.00	168,077.00	0.49

REMAINING CAPACITY	Constructed Cells	Unconstructed Cells	Facility Total
Tons of Waste	131,216.46	0.00	131,216.46
Years (Avg TPY)	7.48	0.00	7.48
Years (FY TPY)	10.57	0.00	10.57

Calculated Values:

Average Tons = (Total Tons Received) / (Years Open)
 Unconstructed Airspace = (Facility Total) - (Constructed)
 Remaining Airspace
 Constructed = (Constructed) - (Used)
 Unconstructed = (Unconstructed) - (Used)
 Facility Total = (Facility Total) - (Used)
 Compaction Density = (Total Tons Received) / (Total Airspace Used)
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 Tons of Waste (Constructed) = (Remaining Constructed Airspace) x (Compaction Density)
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 Years FY TPY (Unconstructed) = (Remaining Capacity-Tons of Waste (Unconstructed)) / (Fiscal Year Tons)
 Years FY TPY (Facility Total) = (Remaining Capacity-Tons of Waste (Facility Total)) / (Fiscal Year Tons)

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