



# Inventory of Structural Fill Projects Greater than 10,000 Cubic Yards

pre-NCAC 13B.1700 - Denotes that structural fill was preregulatory to DWM regulations NCAC 13B .1700

NCAC 13B.1700 - Denotes that structural fill was constructed according to DWM regulations NCAC 13B .1700

NCAC 2T.1200 - Denotes that structural fill was permitted under a DWR Distribution of Residuals Permit NCAC 2T .1200

CAMA - Denotes that structural fill is constructed according to Coal Ash Management Act of 2014 NCGS Article 9 Part 21

County	Structural Fill	Approx Start and End Date	Location	Latitude/ Longitude	Cubic Yardage	Proposed End Use	Regulatory Authority
Brunswick	CCB0010 - Lanier Property Project	9/17/1999 - 5/17/2000	on the Lewis Swamp, NC. USGS 7.5 minute quadrangle map	34.158736 / -78.139827	30000	structural fill	NCAC 13B.1700
Brunswick	CCB0008 - Irving Farm Rd./Near Winnabow, NC	12/1/1998 - 12/1/1999	North of State Route 1410 on private property owned by Mr. George Irving. Near Winnabow, NC	34.1481 / -78.10012	10000	This land based application of coal combustion by-product will be utilized to elevate a section of land for use as a farm access roadway to be constructed parallel to the Brunswick Electric transmission lines. (Although the power poles and transmission lines extend across the Irving property, Brunswick Electric does not possess a deeded right-of-way or easement. Simply, Brunswick Electric is granted access to the property by the landowner).	NCAC 13B.1700
Brunswick	CCB0007 - Roans Branch Hunting Preserve	7/1/2005 - 7/1/2007	near the 600 block of Green Lewis Road (east side), Bolivia	34.0538 / -78.12309	28000	structural fill	NCAC 13B.1700
Brunswick	CCB0006 - Brunswick County Airport Phase II	8/21/1996 - 12/30/1998	Brunswick County Airport- located just west of State Highway 133	33.92838 / -78.07491	48000	to furnish a portion of the sub-base for a parallel taxiway to the existing taxiway for improved safety	NCAC 13B.1700

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Brunswick	CCB0005 - Brunswick County Airport Phase I	Sept, 1994 - 3/1/1995	Brunswick County Airport- located just west of State Highway 133	33.92833 / -78.0727	30000	structural fill placed in a manner to provide additional parking and hangar space at this facility	NCAC 13B.1700
Brunswick	CCB0009 - Willetts' Lewis Swamp Property	3/2/1998 - 9/2/1999	just north of State Route 1410 on private property owned by Mr. Hugh Derek Willetts. The pit is located on the Lewis Swamp, NC, USGS 7.5 minute series quadrangle.	34.155844 / -78.1357	30000	Structural Fill	NCAC 13B.1700
Buncombe	WQ0000020-IV - Asheville Airport Structural Fill - Area IV	2010 - 2014	Greater Asheville Area Regional Airport (City of Asheville) 61 Terminal Drive Suite 1 Fletcher, NC 28732	35.429097 / -82.541505	2300000	Three different CCB structural fill projects will support an expansion phase for the Asheville Regional Airport. The area 4 CCB structural fill will support a new runway and commercial development.	NCAC 2T.1200
Buncombe	WQ0000020-III - Asheville Airport Structural Fill - Area III	2013 - 2015	Greater Asheville Area Regional Airport (City of Asheville) 61 Terminal Drive Suite 1 Fletcher, NC 28732	35.442241 / -82.546543	1300000	Three different CCB structural fill projects will support an expansion phase for the Asheville Regional Airport. The area 3 CCB structural fill will support a new runway.	NCAC 2T.1200
Buncombe	WQ0000020-I - Asheville Airport Structural Fill - Area I	2007 - 2009	Greater Asheville Area Regional Airport (City of Asheville) 61 Terminal Drive Suite 1 Fletcher, NC 28732	35.446461 / -82.542429	730000	Three different CCB structural fill projects will support an expansion phase for the Asheville Regional Airport. The area 1 CCB structural fill will support additional hangers and commercial development.	NCAC 2T.1200
Catawba	CCB0029 - Jeten Property	11/1/2000 - 3/1/2001	7836 NC Hwy 150E, Terrell, NC	35.59995 / -80.95559	76500	The end use is intended for office warehouse, professional offices and out parcels to be developed at a later date	NCAC 13B.1700

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Catawba	CCB0030 - Access Road; Marshall Steam Station	8/25/1997 - 6/30/1998	8320 NC Hwy 150 East, Terrell, NC 28682	35.608114 / -80.978414	127982	structural fill application to construct a service road on the plant site	NCAC 13B.1700
Catawba	CCB0031 - Solar Power Project; Marshall Steam Station	10/11/2000 - 12/14/2012	8320 NC Hwy 150 East, Terrell, NC 28682	35.614395 / -80.980165	4698500	Property Development for a solar photovoltaic system (never built - presently being used as lay down yard for FGD landfill)	NCAC 13B.1700
Catawba	CCB0072 - Marshall Steam Station - Industrial Landfill #1	7/1/2009 - 11/8/2013	8320 East NC Highway 150, Terrell, NC	35.60787 / -80.97595	705000	structural fill application to bring Industrial Landfill #1 up to grade. Fill is on closed pond. Landfill is on this fill	NCAC 13B.1700
Chatham	1910-STRUCT-2015 - Brickhaven No. 2	6/5/2015 - active	1473 Moncure-Flatwood Road, Moncure	-35.596 / -79.01	1966961	Mine reclamation to original grade, final cover will have 6-ft soil on top of synthetic cap to allow for underground utilities for construction.	CAMA
Craven	CCB0011 - Cherry Point Impact Berm	2/23/2009 - 11/3/2009	Cherry Point Marine Corps Air Station	34.15833 / -76.87194	16000	Firing Range	NCAC 13B.1700
Cumberland	CCB0015 - Crowell Constructors-Coal Ash Utilization	pre 1/4/1994 - pre 1/4/1994	Heavy industrial property located at 6030 Murchison Rd. at Crowell Constructor's plant in Fayetteville, NC; N 35.12250 W 78.93207	35.1225 / -78.93207	50000	structural fill	pre-NCAC 13B.1700
Cumberland	CCB0017 - Crowell Constructors-Coal Ash Utilization	pre 1/4/1994 - pre 1/4/1994	Heavy industrial property located at 5600 Murchison Rd. at Crowell Constructor's plant in Fayetteville, NC	35.1225 / -78.93207	13500		pre-NCAC 13B.1700

County	Structural Fill	Approx Start and End Date	Location	Latitude/ Longitude	Cubic Yardage	Proposed End Use	Regulatory Authority
Cumberland	CCB0018 - NorthSide Mine	6/25/2001 - 9/1/2002	US 401 near Linden, NC (near the Harnett/Cumberland Co. line)	34.21745 / -78.01818	66618	"area of proposed fill is in a location that was previously mined and the proposed final grades will raise the ground elevation back to pre-excavation elevations"	NCAC 13B.1700
Duplin	CCB0033 - Kilpatrick Farms II	4/19/1995 - 4/1/1997	approximately 6 miles east of NC Highway 50, Kenansville	34.89278 / -77.89753	30000	used as structural fill to construct building pads for concrete floored livestock pens.	NCAC 13B.1700
Duplin	CCB0032 - Kilpatrick Farms I	2/1/1994 - 6/6/1995	approximately 3 miles south of Kenansville	34.922613 / -77.959199	38000	structural fill used as a building pad to construct livestock pens	NCAC 13B.1700
Forsyth	CCB0037 - Tobaccoville Project	9/1/2001 - 1/31/2005	Adjacent to RJ Reynolds Tobacco company's Tobaccoville Power Plant	36.24292 / -80.36576	176000	industrial development site	NCAC 13B.1700
Forsyth	CCB0077 - Winston-Salem 2000 Lowery St;	3/5/2102 - 8/30/2013	2000 Lowery St, Winston-Salem	36.092861 / -80.217786	40000	storage space for city projects	NCAC 13B.1700
Gaston	CCPSF011 - Ash Reuse Applications Monitoring and Reporting	9/1/1994 - 12/31/1994	New Covenant United Methodist Church Site Highway 16 North Lucia, NC	/	300000	Riverbend Steam Station Ash Reuse Permit No. WQ0000452	NCAC 2T.1200
Gaston	CCPSF010 - Ash Reuse Applications Monitoring and Reporting	8/1/1996 - 12/30/1996	91400 South Point Road Belmont, NC Gaston County	/	190289	Allen Ash Reuse Permit #WQ0003255	NCAC 2T.1200
Gaston	CCPSF008 - Ash Reuse Applications Monitoring and Reporting	4/1/1995 - 5/31/1995	Marvin Phillips' Property Highway 16 Triangle, NC	/	51740	Riverbend Steam Station Ash Reuse Permit No. WQ0000452	NCAC 2T.1200
Gaston	CCB0020 - Allen Steam Station Retired Ash Basin LF	11/5/2007 - 1/31/2008	235 Plant Allen Road, Belmont, North Carolina 28012	35.183001 / -81.008001	74000	test pad to ensure structural stability of ash as subgrade for proposed landfill	NCAC 13B.1700

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Gaston	CCPSF007 - Ash Reuse Applications Monitoring and	9/1/1993 - 11/30/1993	6152 Brookshire Freeway Charlotte, NC	/	45600	Riverbend Steam Station Ash Reuse Permit No. WQ0000452	NCAC 2T.1200
Gaston	CCPSF006 - Ash Reuse Applications Monitoring and Reporting	1/1/1995 - 2/28/1995	New Covenant United Methodist Church Site Highway 16 North Lucia, NC	/	30860	Riverbend Steam Station Ash Reuse Permit No. WQ0000452	NCAC 2T.1200
Gaston	CCPSF012 - Ash Reuse Applications Monitoring and	3/1/1996 - 12/30/1996	156 Lake Mist Drive, Belmont, NC Gaston County	35.182521 / -81.022303	325289	Allen Ash Reuse Permit #WQ0003255	NCAC 2T.1200
Gaston	CCPSF005 - Ash Reuse Applications Monitoring and Reporting	4/1/1995 - 5/31/1995	Pleasant Grove United Methodist Church 1915 Oakdale Rd. Charlotte, NC	/	13230	Riverbend Steam Station Ash Reuse Permit No. WQ0000452	NCAC 2T.1200
Gaston	CCPSF004 - Ash Reuse Applications Monitoring and	8/8/1993 - 9/1/1993	JTM Industries, Inc., 6135 Brookshire Freeway Charlotte, NC	/	12406	JTM Industries, Inc.	NCAC 2T.1200
Gaston	CCB0073 - Duke Allen Steam Station; Retired Ash Basin LF	9/1/2009 - 2/1/2010	235 Plant Allen Road, Belmont, North Carolina 28012	35.183001 / -81.008001	410000	subgrade for Phase1Cell2 and Phase2Cells3&4 of RAB landfill, permit 3612	NCAC 13B.1700
Gaston	CCPSF009 - Ash Reuse Applications Monitoring and Reporting Requirements 1996	9/1/1995 - 12/31/1995	Transmission Line (Phases 1 & 2 and Access Roads) Allen Steam Station Hwy.273 Belmont, NC	/	172722	Allen Ash Reuse Permit #WQ0003255	NCAC 2T.1200
Halifax	CCB0022 - JS Turner Sawmill Structural Fill Project; Turner Lumber Drying Yard	9/8/1998 - 12/30/2003	southern end of Turner St., W of the railroad in Weldon, NC; Across from W 10th/Elm St intersection- Across rail road	36.42194 / -77.60419	905238	to raise the elevation of the lumber drying yard	NCAC 13B.1700

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Halifax	CCB0024 - Old Coca Cola Plant	5/30/1997 - 7/11/1997	301/158 E Hwy, Weldon, NC	36.42953 / -77.59375	154000	to be used for a materials testing facility in conjunction with the rejuvenated plant building occupied by a power plant maintenance company	NCAC 13B.1700
Halifax	CCB0074 - Hwy 301 & River Road/BB Pierce/Basnigh	7/1/1995 - 12/1/1998	Hwy 301 & River Road	36.423967 / -77.592101	243848		NCAC 13B.1700
Halifax	CCB0021 - Weldon Acceptance Facility	Unknown - 12/1/2005	N side of Aurelian Springs Road, approximately .5 miles west of its intersection with County Club Rd., in Weldon, After right on County Rd, on the right after yellow fire hydrant	36.4131 / -77.61946	127739	structural fill: 1. provide an all-weather access road to the Weldon Yard Waste site 2. provide a parking lot area, with a footprint for a proposed garage and office building 3. provide access to the gravesites 4. replace previously excavated material and restore lands to a natural grade for an end use.	NCAC 13B.1700
Halifax	CCB0001 - O.N. Vaughan Property Structural Fill	11/19/2007 - 5/11/2009	4752 Hwy 301, Weldon, NC 4.4 miles south of Weldon	36.37118 / -77.59436	64000	to reclaim a borrow pit for use as pasture land	NCAC 13B.1700
Halifax	CCB0023 - 2nd Coal Ash Structural Fill; Eastern Pride	5/15/2006 - 8/30/2006	intersection of Highways 158 and 301, Weldon	36.4257 / -77.5938	10000	structural fill	NCAC 13B.1700
Halifax	CCB0002 - Wayne Long Mini Storage	8/8/2008 - 2/11/2011	NC Hwy 125, Halifax, NC	36.33899 / -77.60147	127776	Mini storage facility	NCAC 13B.1700
Iredell	CCB0054 - Duckworth Site; NC 150 and Bluefield Rd	Feb 2001 - May 2002	located at the northwest quadrant of HWY 150 and Bluefield Rd in Mooresville, NC. Bluefield runs together with Williamson Rd.	35.59571 / -80.869331	60000	Duckworth's Food Markets: gasoline/convenience mart-type structure (1-story with slab-on-grade, approximately 4748 SF)	NCAC 13B.1700

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Iredell	CCB0053 - Race Park, USA, Mooresville, NC	7/16/2001 - 10/15/2001	located off NC HWY 150 E. on Doolie Rd.	35.600443 / -80.89964	45000	end use was intended for Race Park USA, Inc. entertainment facility	NCAC 13B.1700
Iredell	CCB0052 - Port Village Business Park	5/1/1996 - 12/31/1996	located on NC Highway 150 in Iredell County near the I-77 intersection (Exit 36)	35.593063 / -80.865287	500000		NCAC 13B.1700
Iredell	CCB0051 - Terry K. Smith; Highway 150 Project	9/1/1994 - 8/9/1995	located on NC highway 150 in Iredell Co.	35.59106 / -80.843743	55000	use of fly ash in a structural fill application to develop the property for marketing	NCAC 13B.1700
Iredell	CCB0050 - EJ Bill Simpson Property	7/1/1997 - 2/28/1998	located between Bluefield Road and NC Highway 150 near the I-77 intersection in Iredell County	35.597176 / -80.865249	120000	structural fill to develop the property for marketing	NCAC 13B.1700
Iredell	CCB0049 - Brawley School Road	3/1/1995 - 5/1/1995	intersection of US highway 21 and State Road 1100 (Brawley School Rd)	35.578016 / -80.885067	100000	use fly ash in a structural fill application to develop the property for marketing	NCAC 13B.1700
Iredell	CCB0043 - Thomas S. Wilson Track 3 Lake Norman Airport	12/15/1995 - 12/31/1995	Yeager Road - off of State Rd 1494	35.610819 / -80.896851	10000	structural fill application for airport expansion- land will be used for the construction of aircraft hangers and taxi ways to the hangers	NCAC 13B.1700
Iredell	CCB0040 - Carolina Eagles Aviation's Lake Norman Airport	5/1/1995 - 6/1/1995	123 Yeager Road - off of State Rd 1494	35.609668 / -80.895692	10000	structural fill application for airport expansion	NCAC 13B.1700
Mecklenburg	CCB0055 - Huntersville Ford Dealership	12/15/1997 - closed 5/19/99	located on the west side of US 21 and east of I-77, .25 miles south of Huntersville exit 23 on I-77;	35.407389 / -80.855089	75137	utilized as engineered ash fill	NCAC 13B.1700

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Mecklenburg	CCB0075 - I-485 (Charlotte Outer Loop) from NC27 (Mt Holly Rd) to East of	unknown - 5/17/2007	I-485 (Charlotte Outer Loop) from NC27 (Mt Holly Rd) to East of SR2042 (Oakdale Rd)	35.31772 / -80.94538	329193	Interstate roadway embankment	NCAC 13B.1700
Nash	CCB0056 - Brandywine Industrial Park	5/4/2001 - 8/1/2004	Between US HWY 301 and State Road 1560	36.04657 / -77.76949	72000		NCAC 13B.1700
Nash	CCB0057 - Swift Creek; HWY 301	11/11/1991 - 12/31/2004	Hwy 301 - after EB grain	36.08194 / -77.74629	100500		pre-NCAC 13B.1700
Nash	CCB0059 - Carolina Eagle Distributing, Inc.	1/10/1992 - Unknown	Located along HWY 301 at College Park Rd	36.01326 / -77.7698	11250	structural fill for a building pad as well as roadway, and parking lot subsurface material	pre-NCAC 13B.1700
Nash	CCB0062 - Turn Key Contractors Project	7/11/1996 - 8/1/2001	2700th block of N. Wesleyan Blvd, Rocky Mount, NC/North Side Business Park- on Business Park Drive	36.009020 / -77.7786	30750	structural fill for Industrial and Business Park Development	NCAC 13B.1700
Nash	CCB0061 - EB Grain Co. Expansion	1/6/1992 - Unknown	HWY 301 - close to Swift Creek	36.06646 / -77.74741	18750	to expand coal ash structural fill project at the EB Grain Facility on HWY 301 north of Rocky Mount.- to construct a building and a pad	pre-NCAC 13B.1700
Northampton	CCB0064 - Arthur's Creek CCB Structural Fill Site	6/1/2004 - 4/13/2009	located on the south side of NC Hwy 46 approximately 1 miles east of its intersection with I-95, west of Garysburg, Northampton Co., NC	36.45551 / -77.59796	408612	proposed end use has changed- considering using site for pasture, build shops...	NCAC 13B.1700
Person	CCB0003 - Roxboro Power Plant	12/15/2005 - 3/27/2007	1700 Dunnaway Road, Semora	36.484451 / -79.059001	131319	gypsum (FGD fly ash) storage pad	NCAC 13B.1700
Person	CCB0076 - Progress Energy Roxboro Plant - Phase 6	9/1/2011 - 9/1/2012	1700 Dunnaway Road, Semora, NC 27343	36.480044 / -79.059856	725000	basegrade for Phase 6 of landfill, permit 73-02	NCAC 13B.1700



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Person	CCB0065 - Roxboro Steam Electric Plant; expansion of	4/14/1992 - pre 1/4/1994	1700 Dunnaway Road	36.48673 / -79.07194	25000		pre-NCAC 13B.1700
Robeson	CCB0066 - Alamac Road	pre 1/4/1994 - pre	located on Alamac road	34.593530 / -79.00794	33750		pre-NCAC 13B.1700
Rowan	CCB0068 - Jake Alexander Blvd. Exten	6/1/1996 - 1/1/1997	East of I-85 to SR 1004, Stokes Ferry Road in Salisbury	35.64206 / -80.46488	30000	NCDOT highway construction project	NCAC 13B.1700
Rowan	CCB0027 - Fieldcrest Cannon Ash Handling	-	Intersection of Pump Station Rd and Glenn Ave	35.511483 / -80.64078	360000		NCAC 13B.1700
Stokes	CCB0070 - Belews Creek SS; "structural fill site" Duke Energy;	2/1/2004 - 9/25/2009	SR 1908 Stokes Co.	36.28325 / -80.06918	918274	equipment/material staging area and overflow parking lot	NCAC 13B.1700