

NCDEQ 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 2I

County	Location ID	Structural Fill	Approx Start Date	Approx End Date	Location	Latitude	Longitude	Cu Yardage Only	Proposed End Use	Current Use	Regulatory
Brunswick	CCB0005	Brunswick County Airport Phase I	Sept, 1994	3/1/1995	4019 Long Beach Rd., Oak Island	33.92833	-78.0727	30000	structural fill placed in a manner to provide additional parking and hangar space at this facility	parking lot and airplane hanger	NCAC 13B.1700
Brunswick	CCB0006	Brunswick County Airport Phase II	8/21/1996	12/30/1998	4019 Long Beach Rd., Oak Island	33.92838	-78.07491	48000	to furnish a portion of the sub-base for a parallel taxiway to the existing taxiway for improved safety	sub-base for taxiway	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 - Access Road	access road	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).	farm road adjacent to utility clearing.	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	vegetated field	NCAC 13B.1700

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Brunswick	CCB0010	Lanier Property Project	9/17/1999	5/17/2000	Located on Turceau Trail NE, off of Green Hill Rd. NE. Found on the Lewis Swamp, NC USGS 7.5 minute quadrangle map	34.158736	-78.139827	30000	structural fill	vegetated field	NCAC 13B.1700
Buncombe	WQ000002 O-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.	airport	NCAC 2T.1200
Buncombe	WQ000002 O-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.	airport	NCAC 2T.1200
Buncombe	WQ000002 O-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.	airport	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	shops and parking lot	NCAC 13B.1700
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	Road onsite at Marshall Steam Station	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)	Solar panels and laydown yard	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	Subgrade for landfill	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.	mine reclamation	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	Firing Range	NCAC 13B.1700

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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	Industrial	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		Industrial	pre-NCAC 13B.1700
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"	Industrial	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	Livestock Building	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.	Livestock Building	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	Laydown Yard and vegetative area.	NCAC 13B.1700
Gaston	CCB0020	Allen Steam Station Retired Ash Basin LF (#3612); test pad for stability assessment	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	test pad to ensure structural stability of ash as subgrade for proposed landfill	NCAC 13B.1700
Gaston	CCB0073	Duke Allen Steam Station; Retired Ash Basin LF (3612) subgrade	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	subgrade for Phase1Cell2 and Phase2Cells3&4 of RAB landfill, permit 3612	NCAC 13B.1700
Gaston	CCPSF004	Ash Reuse Applications Monitoring and Reporting Requirements 1993 Riverbend Ash Reuse Permit # WQ0000452	8/8/1993	9/1/1993	JTM Industries, Inc., 6135 Brookshire Freeway Charlotte, NC			12406	JTM Industries, Inc.		NCAC 2T.1200

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Gaston	CCPSF005	Ash Reuse Applications Monitoring and Reporting Requirements 1995 Riverbend Ash Reuse Permit # WQ0000452	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	CCPSF006	Ash Reuse Applications Monitoring and Reporting Requirements 1995 Riverbend Ash Reuse Permit # WQ0000452	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	CCPSF007	Ash Reuse Applications Monitoring and Reporting Requirements 1993 Riverbend Ash Reuse Permit # WQ0000452	9/1/1993	11/30/1993	6152 Brookshire Freeway Charlotte, NC			45600	Riverbend Steam Station Ash Reuse Permit No. WQ0000452		NCAC 2T.1200
Gaston	CCPSF008	Ash Reuse Applications Monitoring and Reporting Requirements 1995 Riverbend Ash Reuse Permit # WQ0000452	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	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
Gaston	CCPSF010	Ash Reuse Applications Monitoring and Reporting Requirements 1996	8/1/1996	12/30/1996	91400 South Point Road Belmont, NC Gaston County			190289	Allen Ash Reuse Permit #WQ0003255		NCAC 2T.1200
Gaston	CCPSF011	Ash Reuse Applications Monitoring and Reporting Requirements 1994 Riverbend Ash Reuse Permit # WQ0000452	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	CCPSF012	Ash Reuse Applications Monitoring and Reporting Requirements 1996	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

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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	vegetative area	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	vegetative area	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.	vegetative area	NCAC 13B.1700
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	vegetative area	NCAC 13B.1700
Halifax	CCB0023	2nd Coal Ash Structural Fill; Eastern Pride (Family Dollar Store and adjoining property)	5/15/2006	8/30/2006	intersection of Highways 158 and 301, Weldon	36.4257	-77.5938	12080	structural fill	commercial business and vegetative area	NCAC 13B.1700
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	vegetative area	NCAC 13B.1700
Halifax	CCB0074	Hwy 301 & River Road/BB Pierce/Basnight Building Supply, Weldon	7/1/1995	12/1/1998	Hwy 301 & River Road	36.423967	-77.592101	243848	Warehouse	NCDOT right of way and building lumber yard.	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	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

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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	vegetative area	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	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	357728	Property development	Shopping mall with Lowes, restaurants and parking	NCAC 13B.1700
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	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)	commercial building and parking lot	NCAC 13B.1700
Mecklenburg	CCB0055	Huntersville Ford Dealership	12/15/1997	closed 5/19/99	13825 Statesville Rd., Huntersville, NC	35.407389	-80.855089	75137	utilized as engineered ash fill	commercial building, asphalt and landscaped area.	NCAC 13B.1700
Mecklenburg	CCB0075	I-485 (Charlotte Outer Loop) from NC27 (Mt Holly Rd) to East of SR2042 (Oakdale Rd);	unknown	5/17/2007	I-485 (Charlotte Outer Loop) from NC27 (Mt Holly Rd) to East of SR2042 (Oakdale Rd)	35.31772	-80.94538	251686	Interstate roadway embankment	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	Industrial park	vegetative area	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		vegetative area	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	commercial building	pre-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	building pad	pre-NCAC 13B.1700

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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	commercial building and vegetative area	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...	vegetative area	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	gypsum storage pad	NCAC 13B.1700
Person	CCB0065	Roxboro Steam Electric Plant; expansion of coal pile	4/14/1992	pre 1/4/1994	1700 Dunnaway Road	36.48673	-79.07194	25000			pre-NCAC 13B.1700
Person	CCB0076	Progress Energy Roxboro Plant - Phase 6 Expansion of LF	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	basegrade	NCAC 13B.1700
Robeson	CCB0066	Alamac Road	pre 1/4/1994	pre 1/4/1994	located on Alamac road	34.593530	-79.00794	33750			pre-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
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	NCDOT highway	NCAC 13B.1700
Stokes	CCB0070	Belews Creek SS; "structural fill site" Duke Energy; SR 1908	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