

## INVESTIGATIVE REPORT

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The map and table on the following pages indicate the names, locations, permit numbers, status and size of 96 clay mines in North Carolina. These data are compiled from files on record at the North Carolina Division of Energy, Mines and Land Resources, the permitting agency in Raleigh.



The above map with clickable details about each clay mine, including location and size, can be viewed at: <https://www.google.com/maps/@35.7294,-79.173165,8z/data=!3m1!4b1!4m2!6m1!1szm10H2wCPveA.kIPrXCB9ZKuM>

Details on the two mines currently under review for coal ash disposal by the NC Department of Environment and Natural Resources, Colon Mine (Permit No. 53.05) and Brickhaven #2 Mine Tract A (Permit No. 19-25), are displayed on the next two pages. Those permit applications were submitted by Charah, Inc., a coal ash service company, and designate the coal ash to be received from North Carolina and South Carolina. The full clay mine listing follows on pages 4 through 7.

## Colon Mine

PERMIT_NUMBER	53-05
Permittee_Bus_Name	General Shale Brick, Inc.
FIPS_COUNTY_DESC	Lee
REGION_NAME	Raleigh Regional Office
River_Basin_Name	Cape Fear
ORIG_ISSUE_DATE	10/03/1972
EXPIRATION_DATE	12/12/2024
Select Contact Person	General Shale Brick, Inc.
Select Addr, City, State, Zip	300 Brick Plant RoadSanford, NC 27559
ORIGINAL_APP_RECEIVED_DATE	03/24/1972
PERMIT_REVISION_DATE	12/12/2014
MINE_STATUS	Active
COMMODITY_CODE	Brick Clay
TOTAL_ACRES_PERMITTED	371
BONDED_ACRES	349
BOND_TYPE_CODE	Surety Bond - Multi Sites
ARR_RECEIVED_DATE	02/26/2014
BOND_AMOUNT	500000
QUADRANGLE_NAME	Colon
LATITUDE_MEASURE	35.5348
LONGITUDE_MEASURE	-79.1598
CALENDAR_YEAR	2013
NEW_ACRES_AFFECTED_TOTAL	0
NEW_ACRES_RECLAIMED	0
ACRES_CURRENT_TOTAL	25
LAST_UPDATE_DATE	12/08/2014
INSPECTED_BY	J Holley, J Wehner
Last_Inspection_Date	12/05/2014
NEXT_SCHEDULED_INSPECTION_DATE	12/05/2014

**Brickhaven # 2 Mine Tract A**

PERMIT_NUMBER	19-25
Permittee_Bus_Name	General Shale Brick, Inc.
FIPS_COUNTY_DESC	Chatham
REGION_NAME	Raleigh Regional Office
River_Basin_Name	Cape Fear
ORIG_ISSUE_DATE	08/30/1985
EXPIRATION_DATE	09/15/2015
Select Contact Person	General Shale Brick, Inc.
Select Addr, City, State, Zip	300 Brick Plant RoadSanford, NC 27559
ORIGINAL_APP_RECEIVED_DATE	05/28/1985
MINE_STATUS	Active
COMMODITY_CODE	Brick Clay
TOTAL_ACRES_PERMITTED	301
BONDED_ACRES	270
BOND_TYPE_CODE	Surety Bond - Multi Sites
BOND_AMOUNT	500000
QUADRANGLE_NAME	Moncure
LATITUDE_MEASURE	35.60280
LONGITUDE_MEASURE	-79.01720

**NORTH CAROLINA CLAY MINE PERMITS****On file at NC Division of Energy, Mines and Land Resources**

Permit Number	Permittee	County	Status	Total Acreage
01-03	Hanford Brick	Alamance	Released	130
01-04	Hanford Brick	Alamance	Released	15
01-06	John W. Long and Sons	Alamance	Released	2
01-07	Governors Grove, LLC	Alamance	Released	85
04-12	Hanson Brick	Anson	Active	50
04-17	Triangle Brick	Anson	Active	302
04-19	Hanson Brick	Anson	Active	198
04-20	Hanson Brick	Anson	Released	73
18-02	Statesville Brick Co.	Catawba	Active	50
19-04	General Shale	Chatham	Active	589
19-08	General Shale	Chatham	Active	348
19-10	Triangle Brick	Chatham	Active	350
19-11	Hanson Brick	Chatham	Active	319
19-14	General Shale	Chatham	Active	214
19-18	General Shale	Chatham	Active	173
19-25	General Shale	Chatham	Active	301
19-12	Triangle Brick	Chatham	Inactive	220
19-01	Boren Clay Mine	Chatham	Released	63
19-03	Pomona Pipe Products	Chatham	Released	495
19-06	General Shale	Chatham	Released	69
19-17	General Shale	Chatham	Released	80
26-09	Ideal Brick	Cumberland	Released	315
27-01	Hodges Equipment Co.	Currituck	Released	15
27-03	Walter G. Perry	Currituck	Released	17
27-21	-No Name-	Currituck	Released	8
28-01	Stetson and Daniels, Inc.	Dare	Released	53
29-06	Cunningham Brick Co.	Davidson	Active	126
29-01	Cunningham Brick Co.	Davidson	Released	140
32-02	Triangle Brick	Durham	Inactive	267
32-03	General Shale	Durham	Released	65
32-04	General Shale	Durham	Released	99
36-21	Thomas Grading Co.	Gaston	Released	25

41-02	Hanson Brick	Guilford	Active	181
41-03	Hanson Brick	Guilford	Active	149
41-21	Hanson Brick	Guilford	Inactive	352
42-01	Nash Brick Company	Halifax	Active	492
42-13	Fisher Leasing, Inc.	Halifax	Released	78
43-04	Treadmont, Inc.	Harnett	Released	24
43-05	Borden Brick and Tile	Harnett	Released	30
43-06	Heritage Brick	Harnett	Released	10
43-07	Heritage Brick	Harnett	Released	112
45-03	Boren Clay Products	Henderson	Released	153
45-06	Boren Clay Products	Henderson	Released	20
45-08	Earl and Martha Manning	Henderson	Released	6
49-13	Statesville Brick Co	Iredell	Active	237
49-20	Statesville Brick Co.	Iredell	Active	341
49-02	Statesville Brick Co.	Iredell	Released	127
49-19	D&B Development	Iredell	Released	23
53-04	Lee Brick and Tile	Lee	Active	769
53-05	General Shale	Lee	Active	371
53-06	General Shale	Lee	Active	125
53-03	Hanford Brick	Lee	Released	16
53-19	Cherokee Brick Co.	Lee	Released	62
61-03	Harris Mining Co.	Mitchell	Released	120
62-04	Taylor Clay Products	Montgomery	Active	35
62-03	CL Vickers Transfer, Inc.	Montgomery	Released	10
62-20	CL Vickers Transfer, Inc.	Montgomery	Released	7
62-24	CL Vickers Transfer, Inc.	Montgomery	Released	10
62-25	CL Vickers Transfer, Inc.	Montgomery	Released	8
62-26	CL Vickers Transport, Inc.	Montgomery	Released	10

62-27	CL Vickers Transport, Inc.	Montgomery	Released	10
62-28	CL Vickers Transport, Inc.	Montgomery	Released	6
62-29	CL Vickers Transport, Inc.	Montgomery	Released	8
62-30	CL Vickers Transport, Inc.	Montgomery	Released	10
62-14	Dal-Tile Co.	Montgomery	Revoked	28
63-08	General Shale	Moore	Released	76
76-07	Hale's Landscaping	Randolph	Released	10
76-08	Roger Dale Wilson	Randolph	Released	8
79-04	Pine Hall Brick Co.	Rockingham	Active	103
79-04	Pine Hall Brick Co.	Rockingham	Active	128
79-07	Ararat Rock Products Co.	Rockingham	Active	296
79-14	Pine Hall Brick Co.	Rockingham	Active	417
79-17	Pine Hall Brick Co.	Rockingham	Active	430
79-19	Pine Hall Brick Co.	Rockingham	Active	50
79-05	Pine Hall Brick Co.	Rockingham	Released	106
79-11	Webster Brick Co., Inc.	Rockingham	Released	51
79-13	Pine Hall Brick Co.	Rockingham	Released	50
80-06	Statesville Brick Co.	Rowan	Active	446
80-10	Boral Bricks, Inc.	Rowan	Active	402
80-16	Taylor Clay Products, Inc.	Rowan	Active	12
80-18	Boral Bricks, Inc.	Rowan	Active	66
80-24	Boral Bricks, Inc.	Rowan	Active	331
80-29	Hammill Construction Co.	Rowan	Active	73
80-09	Boral Bricks, Inc.	Rowan	Released	35
82-18	Hanson Brick East, LLC	Sampson	Active	151
82-01	Boren Clay Products	Sampson	Released	70

82-12	Boren Clay Products	Sampson	Released	135
84-02	Cbm Inc Dba Yadkin Brick Co	Stanly	Released	250
84-03	General Shale Brick, Inc.	Stanly	Released	130
85-08	Pine Hall Brick Company, Inc.	Stokes	Active	360
85-11	Pine Hall Brick Company, Inc.	Stokes	Active	623
85-01	Pine Hall Brick Company, Inc.	Stokes	Released	326
90-01	Hanson Brick	Union	Active	396
90-08	-No Name-	Union	Pending	7
90-08	-No Name-	Union	Pending	7
92-04	Triangle Brick Company	Wake	Released	135

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