

The logo for Luck Stone, featuring the word "LUCK" in a bold, dark grey sans-serif font, a green four-leaf clover symbol in the center, and the word "STONE" in the same bold, dark grey sans-serif font. A small "TM" trademark symbol is located at the end of "STONE".

LUCK  **STONE**™

Fairfax Plant: Past, Present and Future

February 4, 2021





....The Past

....The Past

1923

Charles Luck Jr. Purchased the Sunnyside Granite Company

Continued to acquire several other quarries in the Richmond area



1928

Fairfax County directed the County's Engineer to start a quarry in Centreville, Virginia



....The Past

1932

Virginia General Assembly created
the Secondary System of State
Highways

1938

Luck family seized an opportunity
and acquired the quarry in Fairfax
County



Virginia Department of Transportation – History of Roads

1938

Some of the assets obtained in the sale

- One 15 Horse Power Boiler
- Two 35 Horse Power Boilers
- One No. 2 Aurora Crusher
- One No. 5 Austin Gyratory
- One Water Wagon
- One Winding Drum
- One Stone Car
- 200' Track
- One Stationary Bin
- One Ford Ton Truck and Water Tank
- Five Carts
- One Lot Wrecking Bars
- One Lot Rope and Blocks
- One Lot Drill Steel
- Three Blocks and Hooks
- Four Screw Jacks
- One Blacksmith Tool Box
- One Lot Sledge Hammers
- One Hand Pump
- Two Steam Engines
- Two Blasting Machines
- One Lot Steam Pipe
- 300 Tons of Screenings
- 150 lbs. of Dynamite
- 350 8-foot Explosives
- Two Carbon Lights
- Grease Guns
- All Oil Tanks
- Kettles for Pouring Babbitt



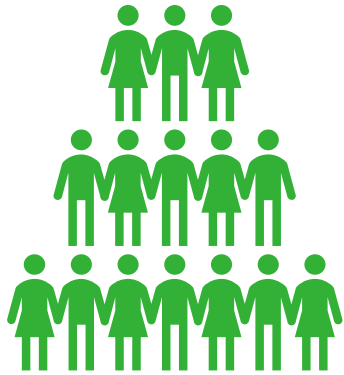
Library of Congress, Prints & Photographs Division, Theodor Horydczak Collection

- One Lot Stone Forks
- Three Cross Cut Saws
- One Lot Hand Shovels
- One Gasoline Water Pump
- Two End Wrenches
- Four Sets Cart Harness

....The Past

1938

Fairfax County Population



±35,000

Current
Population in
Centreville:
±75,000

Current
Population in
Fairfax County:
±1.2 Million

Current
Enrollment at
Virginia Tech:
±37,000

| Year | Total Population | Average Annual Growth Rate For Preceding Period | Average Annual Population Increase For Preceding Period |
|------|------------------|---|---|
| 1900 | 18,580 | --- | --- |
| 1910 | 20,536 | 1.0% | 196 |
| 1920 | 21,943 | 0.7% | 141 |
| 1930 | 25,264 | 1.5% | 332 |
| 1940 | 40,929 | 6.2% | 1,566 |
| 1950 | 98,557 | 14.1% | 5,763 |
| 1960 | 248,897 | 15.2% | 15,034 |
| 1970 | 454,275 | 8.2% | 20,538 |
| 1980 | 644,100 | 4.2% | 19,000 |
| 1985 | 707,900 | 2.0% | 12,800 |
| 1990 | 780,800 | 2.1% | 14,600 |

Source: Fairfaxcounty.gov

....The Past

1960-70

County population skyrockets to about 450,000

Route 66 was constructed

Dulles Airport opened

Plant Production:
±500k tons/year

Lucks acquired more property on the north side of Route 29



Source: Fairfaxcounty.gov



Source: Shorpy/Balthazar Korab

....The Past

1990-2010

Western Fairfax County growth continued

Mining hit it's peak
±2 Million Tons/year..

Recycling of clean waste concrete begins at Fairfax

Commitment to the growing community



....The Past

2010-2020

Bull Run Plant up and running

Residential Development arrives adjacent to quarry

Mining ceases in North Pit

Restoration/Reclamation plans evolve;
“Reservoir” use is not viable

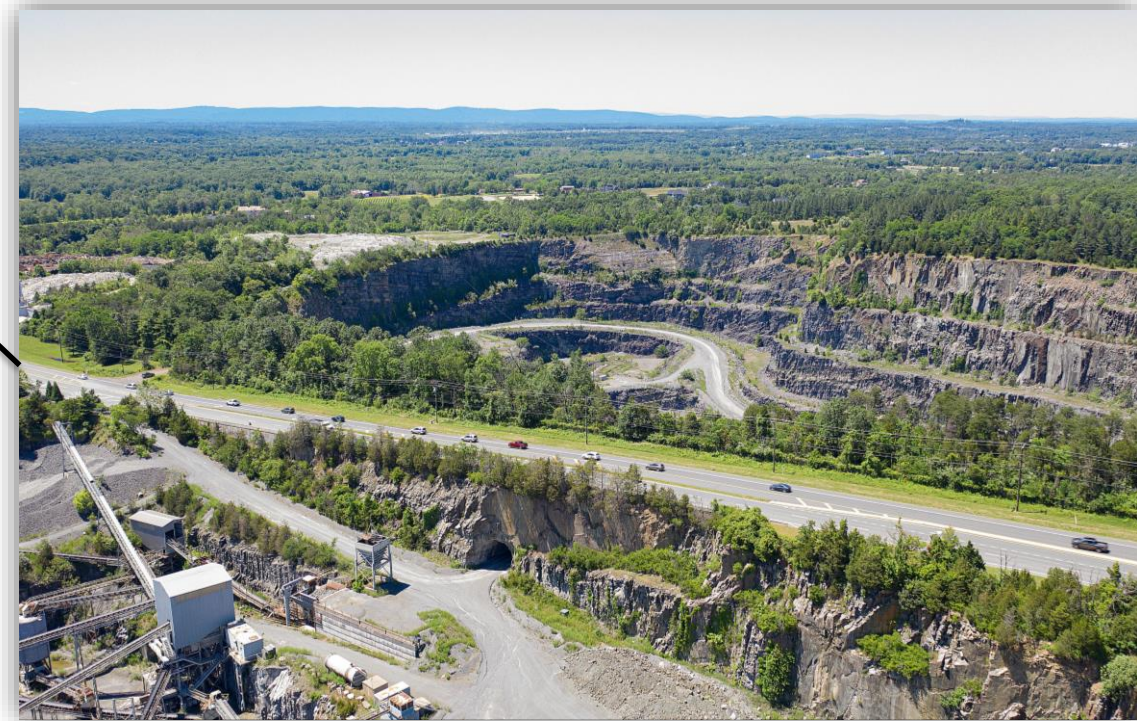
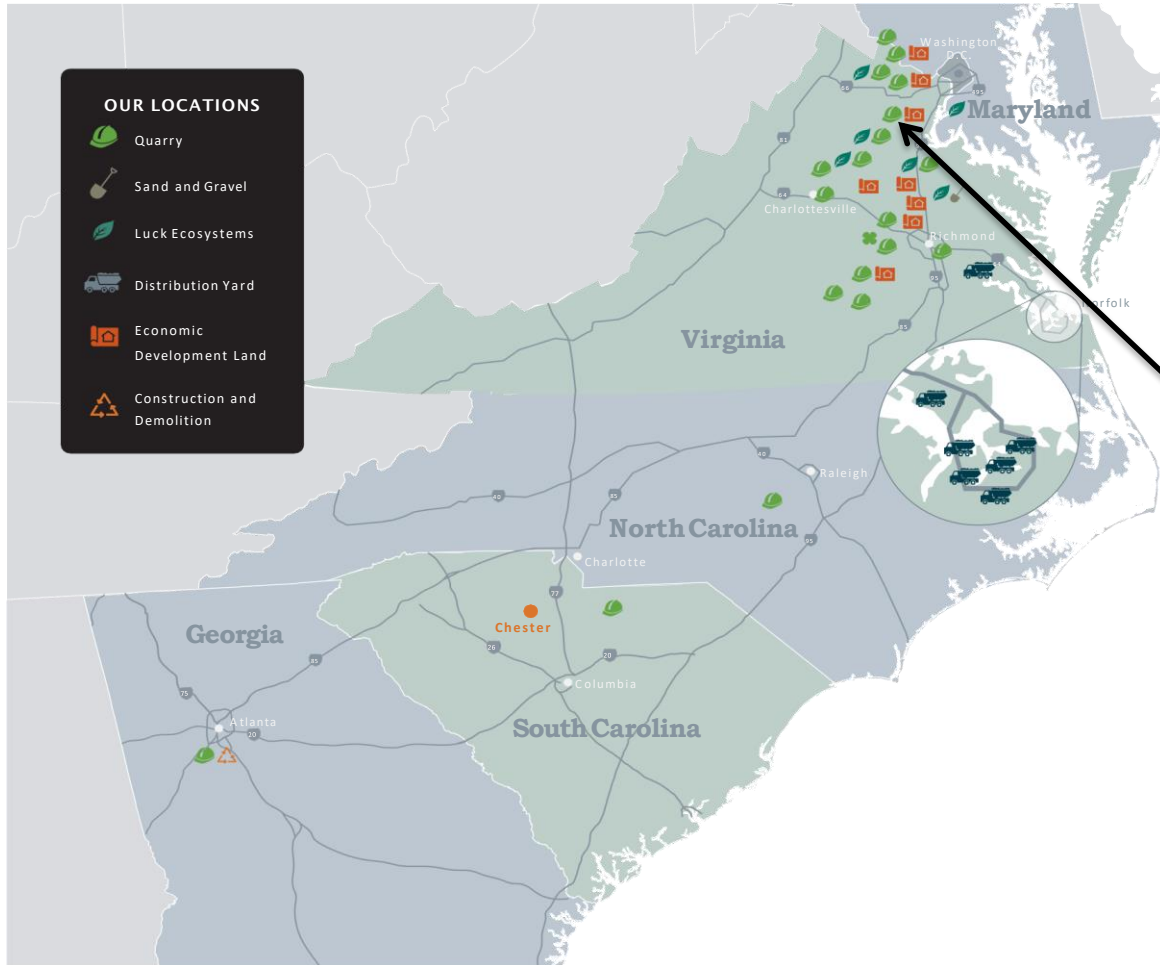
Submit Special Permit renewal in with formal plans for Reclamation (2018)

Challenge's dispelling misinformation

October 2020 Special Permit approval



...The Present



98 years later the Luck family business continues to grow
Fairfax Plant is just one of 28 locations across 5 states

....The Present

2021

Reclamation activity begins in North Pit

Mineable reserves left in South Pit

Aggregate sales, recycled concrete and
Reclamation Fill opportunities

What is Reclamation Fill?

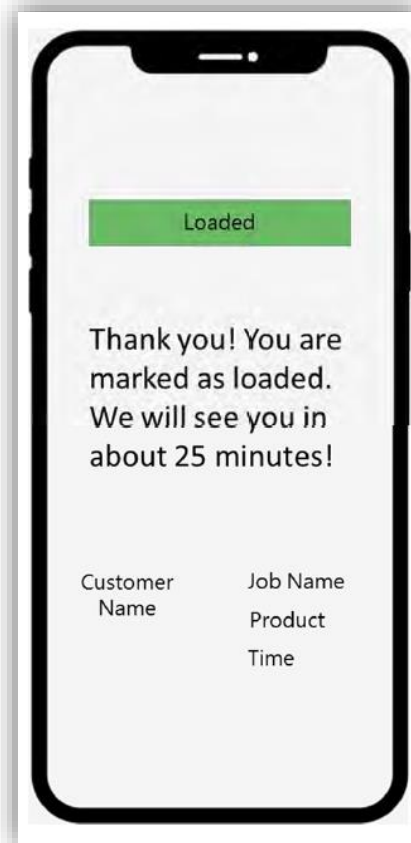
Reclamation Fill Process

Source Testing → Application → Review → Quote

Scheduled/Tracked Delivery → Inbound Inspections

Random Testing → Ultimate Placement

Reclamation Fill, for the purposes of the Luck Stone Fairfax Plant, will refer to natural (i.e. soil and rock) materials that are certified to meet the requirements of this plan. These requirements have been developed to be protective of the environment and human health. Reclamation Fill will include earthen and rock materials that have not been known to be exposed to, or mixed with, solid waste, petroleum products, or chemical contaminants. Only materials that meet these criteria and satisfy the testing requirements defined later in this document will be accepted on site and used as Reclamation Fill.



Reclamation Fill Profile and Agreement
Luck Stone Corporation - Fairfax Plant
Physical Address : 15717 Lee Highway, Centreville, Virginia 20121
Mailing Address : P.O. Box 1817, Centreville, Virginia 20122

A. GENERATOR INFORMATION

| | | | | | |
|---|--------|------|--|------|--------|
| Generator Name: | | | Contact Name: | | |
| Generator Address: | | | Phone: | Fax: | Email: |
| City: | State: | Zip: | Location Description of Fill Origination (include name, owner and address, if different from generator): | | |
| Generator Mailing Address (if different): | | | Source Address: | | |
| City: | State: | Zip: | Source Project Name/Section/Phase: | | |
| Contractor License No.: | | | | | |

B. Fill Description (Physical description of Reclamation Fill)

Phase I ESA Available: Yes No (If available, attach copy)

If No, describe due diligence documents provided:

Fill Volume in Cubic Yards: _____

Attach all laboratory analytical data _____ Delivery Frequency: _____

C. Qualified Environmental Professional characterizing the fill:

D. Professional Engineer/Geologist licensed in Virginia overseeing Environmental Professional identified in Section C.

E. Laboratory Conducting Sampling:
Accredited by the Virginia Environmental Laboratory Accreditation Program? Yes No
If No, laboratory data can not be accepted for review

F. TRANSPORTATION INFORMATION

| | | | | | |
|--|--------|------|---------------------------|------|--------|
| Transporter Company Name: | | | Contact Name: | | |
| Transporter Address: | | | Phone: | Fax: | Email: |
| City: | State: | Zip: | Shipping Method: | | |
| Transporter Mailing Address (if different): | | | Requested Shipping Dates: | | |
| City: | State: | Zip: | Expected Volume Per Day: | | |
| Transporter agrees to use the Luck Stone "Quick Haul" Application? Yes No | | | | | |
| If No, an alternative means of transporter tracking must be approved by Luck Stone prior to scheduling delivery. | | | | | |

....The Future

2021...AND BEYOND

±14 Million Yards of Reclamation Fill
(±20-year effort)

Millions of mineable reserves left in
South Pit

Ultimate Reclamation of South Pit using
Reclamation Fill
(±25-year effort)

**Several decades remain
to serve our customers in a variety
of ways**



Source: Fairfaxcounty.gov

....The Future

POST MINE USE

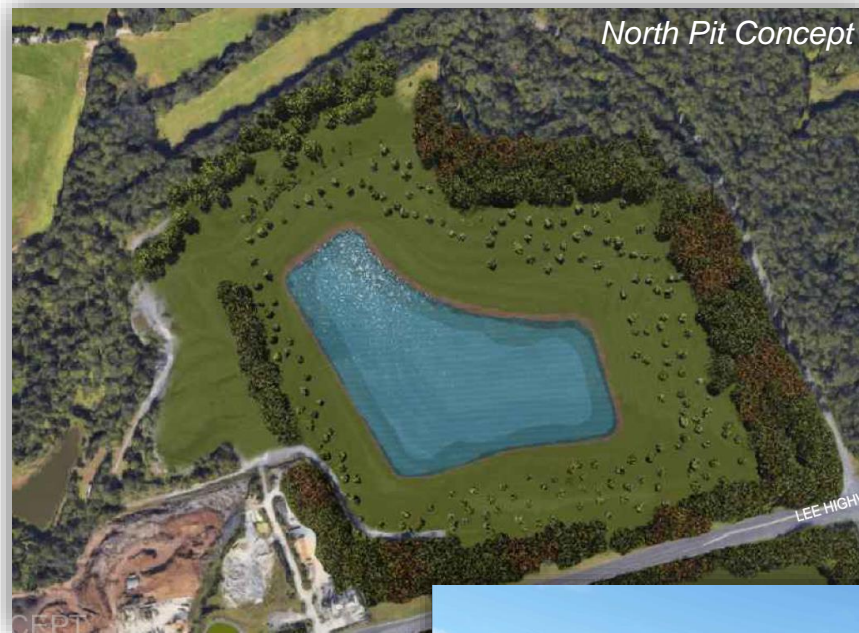
Luck's commitment is to restore the site in a safe and suitable state for future land uses.

Eliminate hazards and ultimately construct 20-Acre surface lakes

Upon completion of Restoration/Reclamation efforts work Special Permit will not be renewed

Reclamation timeline subject quantity and quality of available material

Several potential post-mine uses either by-right or by future land use applications





LUCK  **STONE**™

Thank You