



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, SAVANNAH DISTRICT
4751 BEST ROAD, SUITE 140
COLLEGE PARK, GEORGIA 30337-5600

November 27, 2023

Regulatory Division
SAS-2023-00910

JOINT PUBLIC NOTICE
Savannah District/State of Georgia

The Savannah District has received an application for a Department of the Army Permit, pursuant to Section 404 of the Clean Water Act (33 U.S.C. § 1344), as follows:

The comment period for the Department of the Army Permit application will close 30 days from the date of this public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having an interest in this permit, and must be submitted so as to be received on or before the last day of the comment period. Written comments concerning the Department of the Army Permit application must reference the Applicant's name and the Permit Application Number and be forwarded to the US Army Corps of Engineers (Corps) at the above address.

This Joint Public Notice announces a request for authorizations from both the U.S. Army Corps of Engineers and the State of Georgia. The applicant's proposed work may also require local governmental approval.

Application Number: SAS-2023-00910

Applicant: Mr. Don Williams
Vulcan Materials Company
800 Mount Vernon Highway NE,
Suite 200 Atlanta, Georgia 30328

Agent: Mr. Bill Newlon
Kleinfelder
3663 Lake Center Drive
Mount Dora, Florida 32757

Location of Proposed Work: The approximately 339.3-acre (expansion) project site is located within the existing Vulcan Jackson Quarry, at 2503 Valentine Industrial Parkway, south and west of Bill Wright Road, east of Valentine Industrial Parkway and Possum Creek Road (County Road 229), and north of U.S. Interstate 85 in Jefferson, Jackson County, Georgia, 30567. The nearest named waterbody is Opossum Creek, which is due north of the project area.

Description of Work Subject to the Jurisdiction of the Corps: The project involves the expansion of the existing Vulcan Jackson Quarry. The expansion project proposes to

impact 291 linear feet (0.04 acres) of perennial stream channel, 547 linear feet (0.05 acres) of intermittent stream channel, and 1.98 acres of wetlands as a result of the permanent stream severance and fill impacts to streams and wetlands related to the installation of roads and overburden storage areas.

The Applicant proposes to offset the loss of ecological function associated with the proposed project impacts to aquatic resources through the purchase of 815.50 (2018) or 7,572.72 legacy stream credits and 1.56 (2018) or 12.48 legacy wetland credits. The project is hydrologically connected to the Upper Oconee watershed (Hydrologic Unit Code 8 (HUC 8): 03070101).

BACKGROUND

Based on the review of the Corps' databases, there are no other known projects or actions associated with this permit request. The project is located within the approved Surface Mine Land Use Plan (SMLUP) boundary. Approval of the SMLUP 1060-13 for Amendment #2 was granted by the Department of Natural Resources, Environmental Protection Division (Georgia EPD) on September 29, 2023. Approximately 4.732 linear feet (0.51 acres) of streams, 10.7 acres of wetlands, and 6.66 acres of open water impoundments exist within the project area. An AJD request has been submitted, concurrent with this application, requesting our evaluation of delineated aquatic resources and the potential non-jurisdiction of features present within the project area. All other on-site aquatic resources would be evaluated under a Delineation Review of Aquatic Resources (ARDR).

STATE OF GEORGIA

Water Quality Certification: The Georgia Department of Natural Resources, Environmental Protection Division will review the proposed project for Water Quality Certification, in accordance with the provisions of Section 401 of the Clean Water Act. The applicant conducted a pre-filling meeting for a Water Quality Certification with the State of Georgia on August 14, 2023. Prior to issuance of a Department of the Army Permit for a project located in, on, or adjacent to the waters of the State of Georgia, review for Water Quality Certification in accordance with Section 401 of the Clean Water Act is required. A reasonable period of time, which shall not exceed one year, is established under the Clean Water Act for the State to act on a request for Water Quality Certification, after which, issuance of such a Department of the Army Permit may proceed. This public notice serves as notification to the Administrator of the U.S. Environmental Protection Agency (USEPA) pursuant to section 401(a)(2) of the Clean Water Act for neighboring jurisdiction review and begins the 30-day clock for USEPA to notify affected states.

State-owned Property and Resources: The applicant may also require assent from the State of Georgia, which may be in the form of a license, easement, lease, permit or another appropriate instrument.

U.S. ARMY CORPS OF ENGINEERS

The Savannah District must consider the purpose and the impacts of the applicant's proposed work, prior to a decision on issuance of a Department of the Army Permit.

Cultural Resources Assessment: The Area of Potential Effect includes all aquatic resources that would be impacted and all areas within a 100-meter radius around these aquatic resources. A review of the latest published version of the National Register of Historic Places and the Georgia Natural, Archeological, and Historic Resources GIS database, indicated that no registered properties or properties listed as eligible for inclusion are located on the project site. The Corps is presently reviewing available information to further assess the potential for adverse effects to listed historic properties, or resources eligible for listing, on the National Register of Historic Places in conjunction with the current application submittal.

Endangered Species: Pursuant to Section 7(c) of the Endangered Species Act of 1973, as amended (16 U.S.C. § 1531 et seq.), we request information from the U.S. Department of the Interior, Fish and Wildlife Service, the U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service; or, any other interested party, on whether any species listed or proposed for listing may be present in the area. Based on the *IPaC Trust Resource Report*, no federally designated critical habitats are located onsite. However, this report does list the following Federally protected species that may potentially be affected at this location: candidate Monarch Butterfly (*Danaus plexippus*). The Applicant did not conduct a habitat assessment for the project site.

Public Interest Review: The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both the protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy

needs, safety, food and fiber production, mineral needs, considerations of property ownership and in general, the needs and welfare of the people.

Consideration of Public Comments: The U.S. Army Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Native American Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Application of Section 404(b)(1) Guidelines: The proposed activity involves the discharge of dredged or fill material into the waters of the United States. The Savannah District's evaluation of the impact of the activity on the public interest will include the application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under the authority of Section 404(b) of the Clean Water Act, including an evaluation of practicable alternatives. The Applicant's current proposal includes the review of one (1) off-site alternative and two (2) on-site alternatives for the proposed expansion of mining activities. All alternatives will be further evaluated in conjunction with the application.

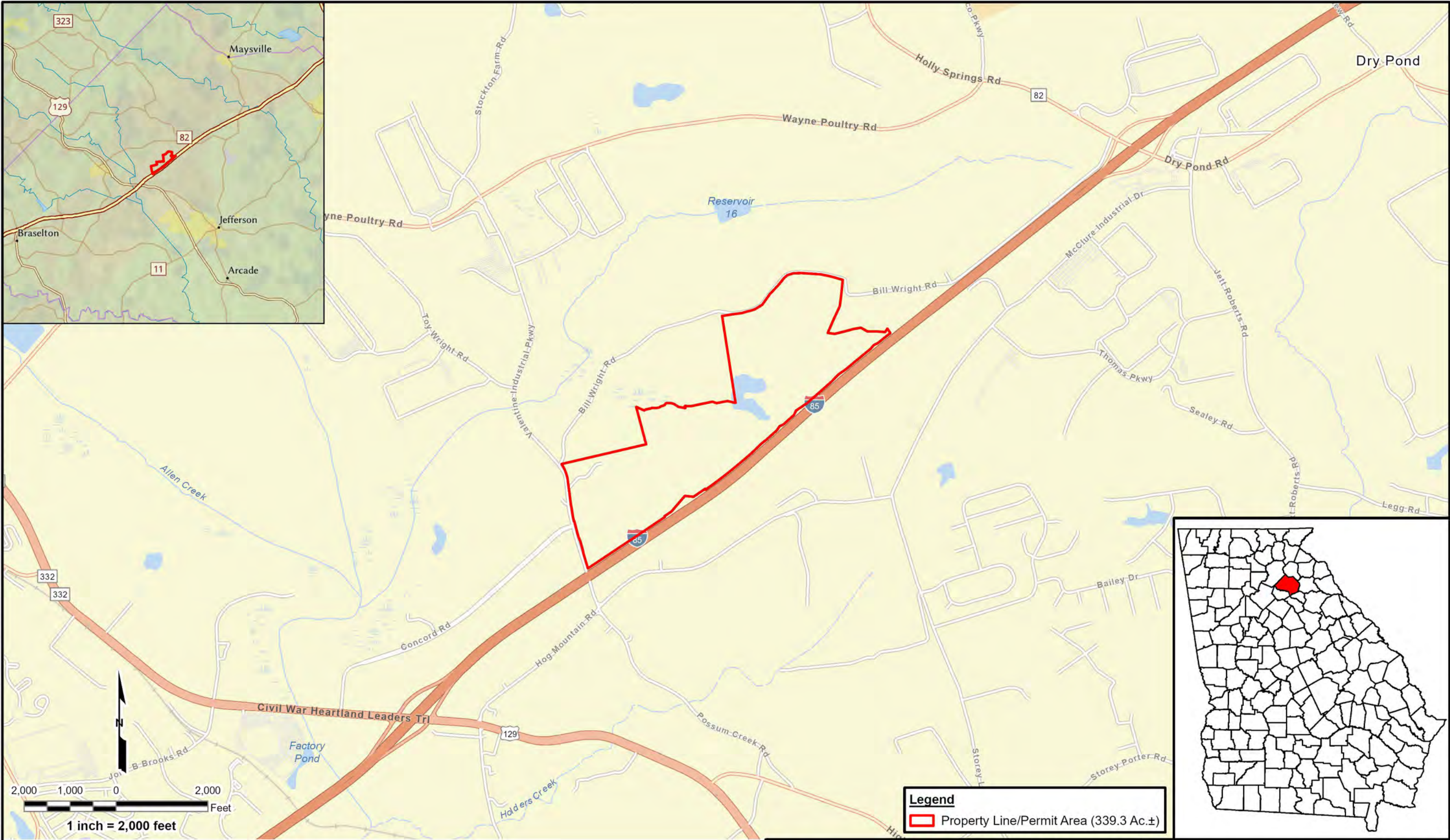
Public Hearing: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application for a Department of the Army permit. Requests for public hearings shall state, with particularity, the reasons for requesting a public hearing. The decision whether to hold a public hearing is at the discretion of the District Engineer, or his designated appointee, based on the need for additional substantial information necessary in evaluating the proposed project.

Comment Period: Anyone wishing to comment on this application for a Department of the Army Permit should submit comments in writing to: Commander, U.S. Army Corps of Engineers, Savannah District, Attention: Oya Money-Worthy, 4751 Best Road, Suite 140, College Park, Georgia 30337-5600, no later than **30 days** from the date of this notice. Submittal of comments via email, to the address listed below, is also acceptable. Please refer to the Applicant's name (Vulcan Materials Company) and the assigned Regulatory file number (SAS-2023-00910) in your comments.

If you have any further questions concerning this public notice, please contact Oya Money-Worthy, Regulatory Specialist, Piedmont Branch at 678-422-2728, or Oya.M.Money-Worthy@usace.army.mil.

Encls

1. Figure 1: Location and Vicinity Map
2. Figure 7: National Wetlands Inventory Map
3. Figure 8: Wetland and Surface Water Delineation Map
4. Figure 9: Wetland and Surface Water Impacts Map
5. Sheet 2 of 10: Master Plan
6. Sheet 4 of 10: Ultimate Mine Plan and Erosion Control Plan
7. Sheet 5 of 10: Reclamation Plan



The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document. The use or misuse of the information contained on this graphic representation is at the sole risk of the party using or misusing the information.

Source: National Geographic Style & World Street Map was obtained from ESRI Basemap.

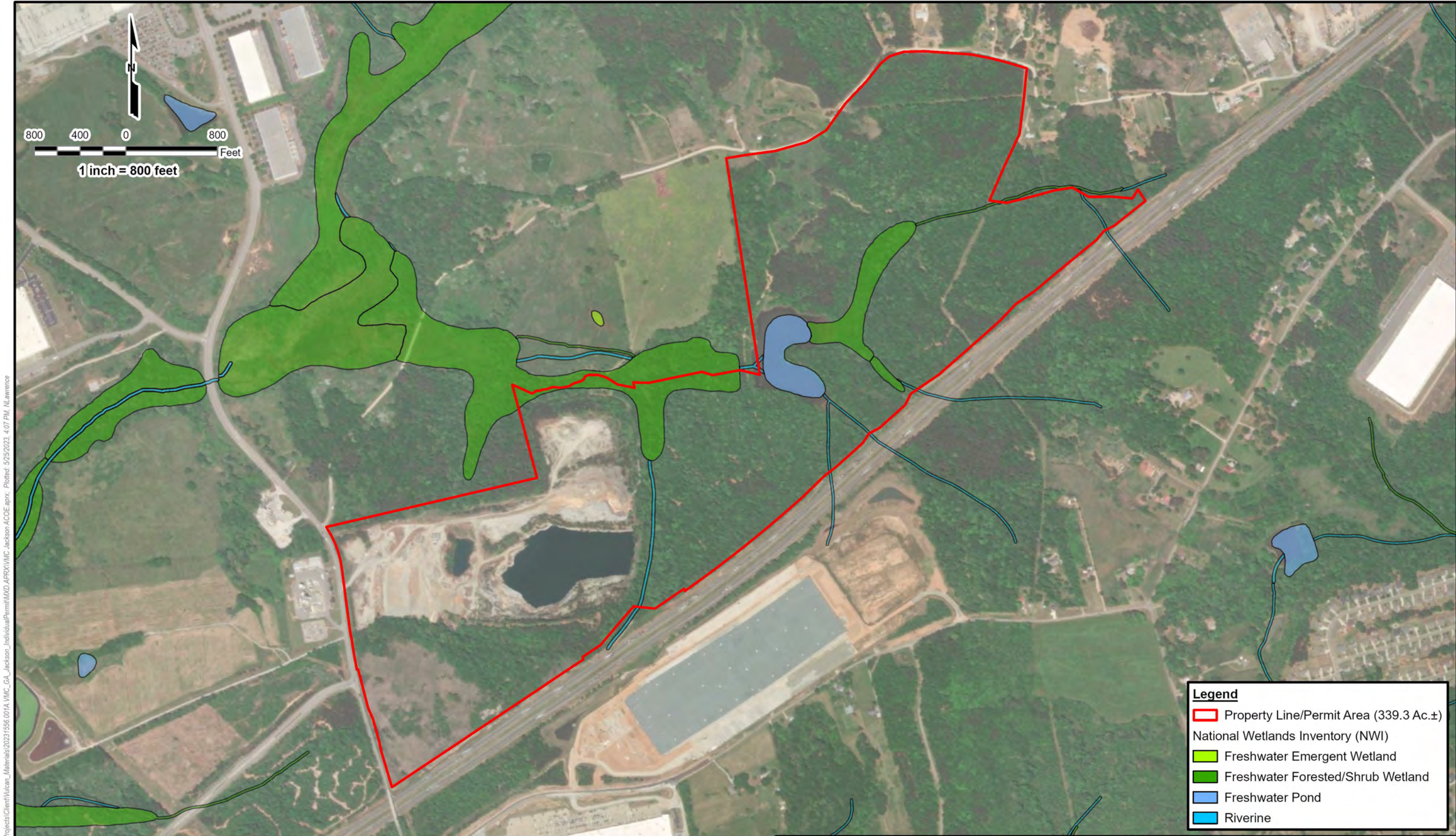
KLEINFELDER
Bright People. Right Solutions.
www.kleinfelder.com

| | |
|-------------|-----------------------|
| PROJECT NO. | 20231556.001A |
| DRAWN: | 5/18/2023 |
| DRAWN BY: | NL |
| CHECKED BY: | AWN |
| FILE NAME: | VMC Jackson ACOE.aprx |

Location and Vicinity Map

Vulcan Materials Company
Wetland Delineation
Jackson IP
Jackson County, Georgia

FIGURE
1



Legend

- Property Line/Permit Area (339.3 Ac.±)
- National Wetlands Inventory (NWI)
 - Freshwater Emergent Wetland
 - Freshwater Forested/Shrub Wetland
 - Freshwater Pond
 - Riverine

Document Path: \\azrgrsstor01\GIS_Projects\Client\Vulcan_Materials\20231556.001A VMC_GA_Jackson_IndividualPermit\MXD\APRX\VMC Jackson ACOE.aprx; Plotted: 5/25/2023, 4:07 PM, N.Lawrence

The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document. The use or misuse of the information contained on this graphic representation is at the sole risk of the party using or misusing the information.

Source: USFWS National Wetland Inventory obtained from U.S. Fish & Wildlife Service in the form Geodatabase Feature Class. Date: October 6, 2022.



KLEINFELDER
Bright People. Right Solutions.
www.kleinfelder.com

| | |
|-------------|-----------------------|
| PROJECT NO. | 20231556.001A |
| DRAWN: | 5/23/2023 |
| DRAWN BY: | NL |
| CHECKED BY: | AWN |
| FILE NAME: | VMC Jackson ACOE.aprx |

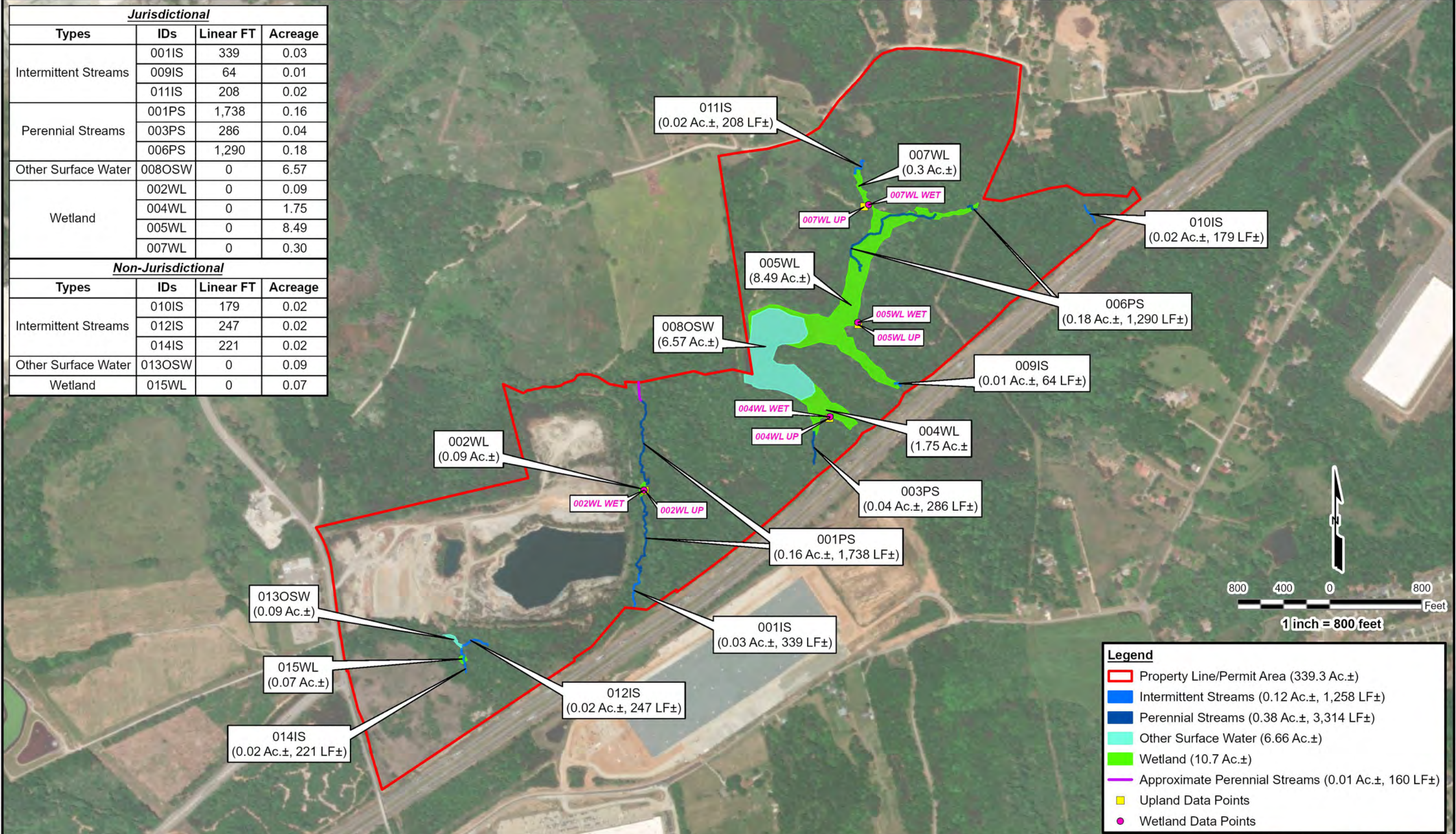
| |
|--|
| National Wetlands Inventory (NWI) Map |
| Vulcan Materials Company Wetland Delineation Jackson IP Jackson County, Georgia |

FIGURE

7

Document Path: \\azgiss\storp01\GIS_Projects\Client\Vulcan_Materials\20231556\001A VMC_GA_Jackson_IndividualPermit\MXD\APRX\VMC Jackson ACOE WetSW.aprx; Plotted: 11/3/2023, 9:24 AM, NLawrence

| Jurisdictional | | | |
|----------------------|--------|-----------|---------|
| Types | IDs | Linear FT | Acreage |
| Intermittent Streams | 001IS | 339 | 0.03 |
| | 009IS | 64 | 0.01 |
| | 011IS | 208 | 0.02 |
| Perennial Streams | 001PS | 1,738 | 0.16 |
| | 003PS | 286 | 0.04 |
| | 006PS | 1,290 | 0.18 |
| Other Surface Water | 008OSW | 0 | 6.57 |
| Wetland | 002WL | 0 | 0.09 |
| | 004WL | 0 | 1.75 |
| | 005WL | 0 | 8.49 |
| | 007WL | 0 | 0.30 |
| Non-Jurisdictional | | | |
| Types | IDs | Linear FT | Acreage |
| Intermittent Streams | 010IS | 179 | 0.02 |
| | 012IS | 247 | 0.02 |
| | 014IS | 221 | 0.02 |
| Other Surface Water | 013OSW | 0 | 0.09 |
| Wetland | 015WL | 0 | 0.07 |



The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document. The use or misuse of the information contained on this graphic representation is at the sole risk of the party using or misusing the information.

Source: World Imagery was obtained from ESRI Basemap.
Image origin: Maxar. Dates: 4/29/2022.

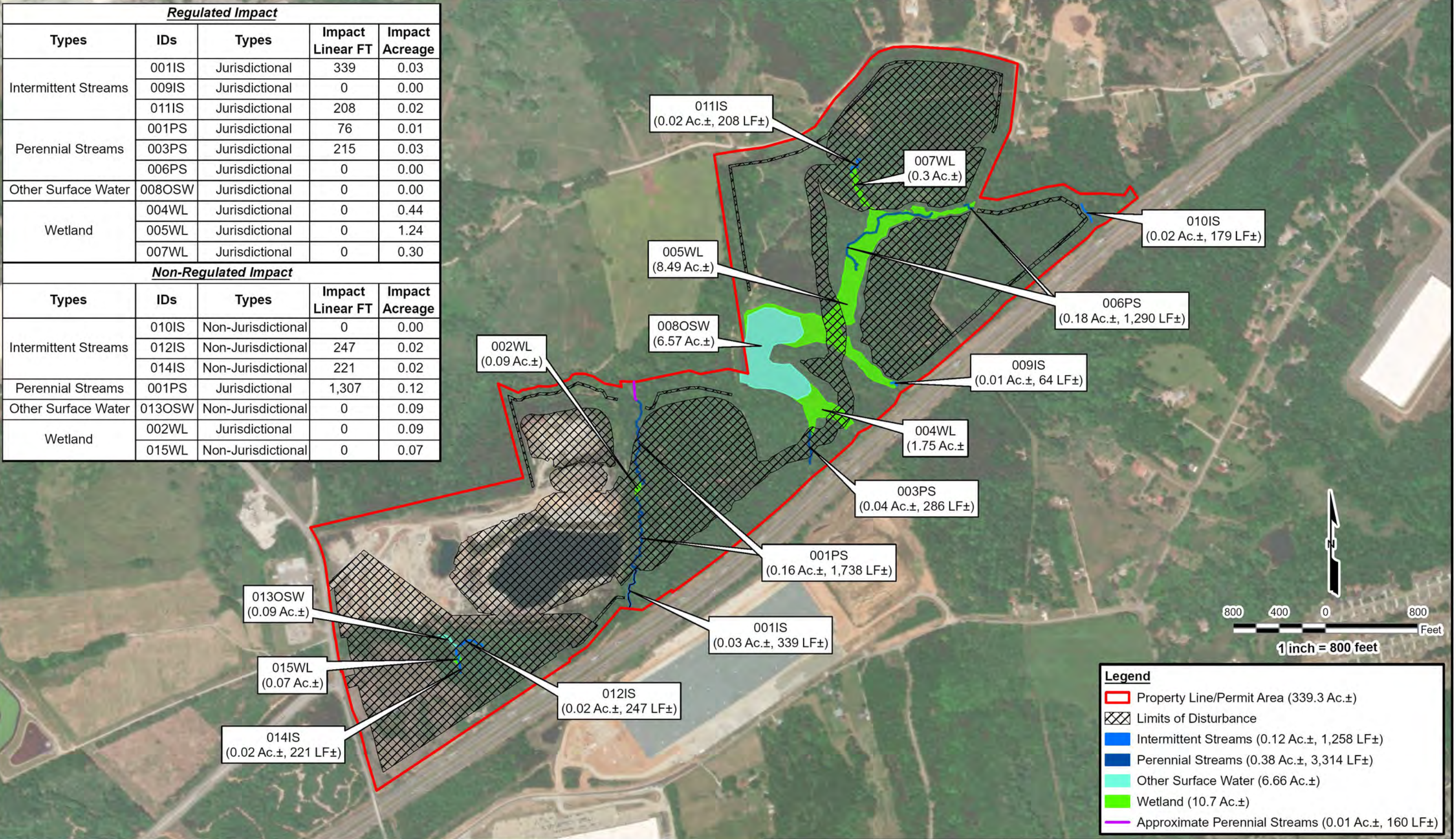
KLEINFELDER
Bright People. Right Solutions.
www.kleinfelder.com

| | |
|-------------|-----------------------------|
| PROJECT NO. | 20231556.001A |
| DRAWN: | 11/1/2023 |
| DRAWN BY: | NL |
| CHECKED BY: | AWN |
| FILE NAME: | VMC Jackson ACOE WetSW.aprx |

| Wetland and Surface Water Delineation Map | | FIGURE |
|--|--|--------|
| Vulcan Materials Company Jackson Quarry USACE Application Jackson County, Georgia | | 8 |

Document Path: \\azrjssstor01\GIS_P\Projects\Client\Wetland_Materials\20231556\001A VMC_GA_Jackson_IndividualPermit\MXD\APRX\VMC Jackson ACOE WetSW.aprx; Plotted: 11/1/2023, 9:25 AM, NL Lawrence

| Regulated Impact | | | | |
|----------------------|--------|--------------------|------------------|----------------|
| Types | IDs | Types | Impact Linear FT | Impact Acreage |
| Intermittent Streams | 001IS | Jurisdictional | 339 | 0.03 |
| | 009IS | Jurisdictional | 0 | 0.00 |
| | 011IS | Jurisdictional | 208 | 0.02 |
| Perennial Streams | 001PS | Jurisdictional | 76 | 0.01 |
| | 003PS | Jurisdictional | 215 | 0.03 |
| | 006PS | Jurisdictional | 0 | 0.00 |
| Other Surface Water | 008OSW | Jurisdictional | 0 | 0.00 |
| Wetland | 004WL | Jurisdictional | 0 | 0.44 |
| | 005WL | Jurisdictional | 0 | 1.24 |
| | 007WL | Jurisdictional | 0 | 0.30 |
| Non-Regulated Impact | | | | |
| Types | IDs | Types | Impact Linear FT | Impact Acreage |
| Intermittent Streams | 010IS | Non-Jurisdictional | 0 | 0.00 |
| | 012IS | Non-Jurisdictional | 247 | 0.02 |
| | 014IS | Non-Jurisdictional | 221 | 0.02 |
| Perennial Streams | 001PS | Jurisdictional | 1,307 | 0.12 |
| Other Surface Water | 013OSW | Non-Jurisdictional | 0 | 0.09 |
| Wetland | 002WL | Jurisdictional | 0 | 0.09 |
| | 015WL | Non-Jurisdictional | 0 | 0.07 |



The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document. The use or misuse of the information contained on this graphic representation is at the sole risk of the party using or misusing the information.

Source: World Imagery was obtained from ESRI Basemap.
Image origin: Maxar. Dates: 4/29/2022.



PROJECT NO. 20231556.001A
DRAWN: 11/1/2023
DRAWN BY: NL
CHECKED BY: AWN
FILE NAME: VMC Jackson ACOE WetSW.aprx

Wetland and Surface Water Impacts Map

Vulcan Materials Company
Jackson Quarry
USACE Application
Jackson County, Georgia

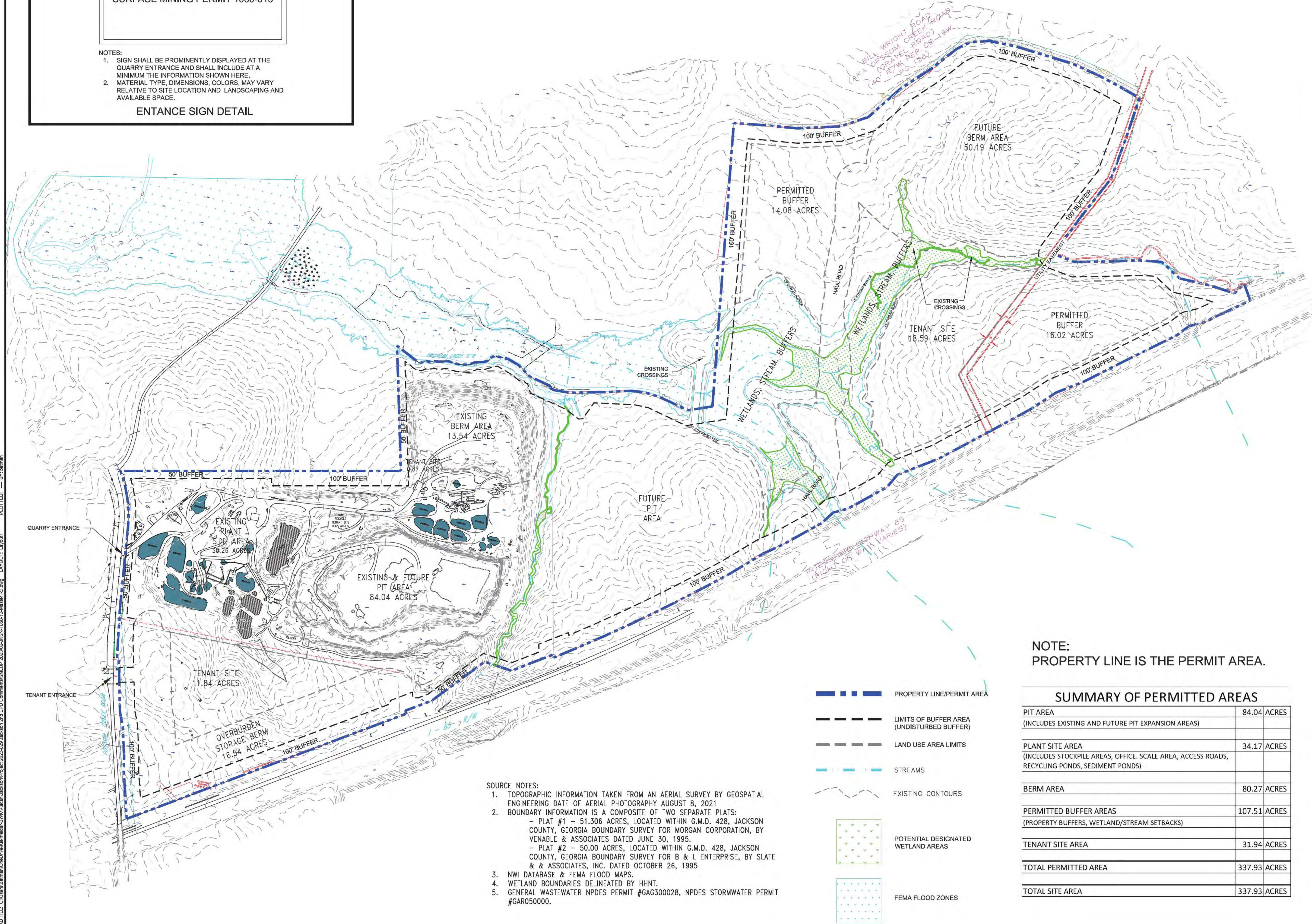
FIGURE

9

VULCAN MATERIALS COMPANY
JACKSON QUARRY
SURFACE MINING PERMIT 1060-013

- NOTES:
1. SIGN SHALL BE PROMINENTLY DISPLAYED AT THE QUARRY ENTRANCE AND SHALL INCLUDE AT A MINIMUM THE INFORMATION SHOWN HERE.
 2. MATERIAL TYPE, DIMENSIONS, COLORS, MAY VARY RELATIVE TO SITE LOCATION AND LANDSCAPING AND AVAILABLE SPACE.

ENTANCE SIGN DETAIL



NOTE:
PROPERTY LINE IS THE PERMIT AREA.

| SUMMARY OF PERMITTED AREAS | |
|--|--------------|
| PIT AREA (INCLUDES EXISTING AND FUTURE PIT EXPANSION AREAS) | 84.04 ACRES |
| PLANT SITE AREA (INCLUDES STOCKPILE AREAS, OFFICE, SCALE AREA, ACCESS ROADS, RECYCLING PONDS, SEDIMENT PONDS) | 34.17 ACRES |
| BERM AREA | 80.27 ACRES |
| PERMITTED BUFFER AREAS (PROPERTY BUFFERS, WETLAND/STREAM SETBACKS) | 107.51 ACRES |
| TENANT SITE AREA | 31.94 ACRES |
| TOTAL PERMITTED AREA | 337.93 ACRES |
| TOTAL SITE AREA | 337.93 ACRES |

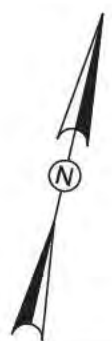
ISSUED FOR PERMITTING



Signed By:

#

| REV | DESCRIPTION | DSN DWN | CHK APP | DATE |
|-----|---|------------|------------|-----------|
| 1 | GA EPD COMMITMENTS PER LETTER DATED 5-22-2023 | BWK | BWK | 9/11/2023 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |



SCALE VERIFICATION

THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING

0 1"

IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY



ORIGINAL DRAWING SIZE IS 24 x 36

MASTER PLAN

G.D.M. 428
JACKSON COUNTY, GA

Vulcan

SURFACE MINING PERMIT 1060-013
AMENDMENT #2

| | | |
|------------------|-----------|---------|
| PROJECT NO. | 2023-029 | 2 |
| ISSUE DATE | 9/11/2023 | |
| CURRENT REVISION | 1 | |
| DESIGNED BY | BWK | |
| DRAWN BY | BWK | |
| CHECKED BY | BWK | 2 of 10 |
| APPROVED BY | BWK | |

| CODE | PRACTICE | DETAIL | MAP SYMBOL | DESCRIPTION |
|------|-------------------------------|---|---|---|
| Sd1 | SEDIMENT BARRIER |  |  | A barrier to prevent sediment from leaving the construction site. It may be sandbags/bags or straw or hay, brush-log and/or concrete or a sediment fence. The barriers are usually temporary and inexpensive. |
| Di | DIVERSION |  |  | An earth channel or dike located above, below, or across a slope to divert runoff. This may be a temporary or permanent structure. |
| Sd3 | TEMPORARY SEDIMENT BASIN |  |  | A basin created by excavation or a dam across a waterway. The surface water runoff is temporarily stored, allowing the bulk of the sediment to drop out. The basin is usually temporary but may be designed as a permanent pond or stormwater retention device. |
| St | STORM DRAIN OUTLET PROTECTION |  |  | A paved or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concentrated runoff. |

Ds2

TEMPORARY SEEDING

SEEDING SCHEDULE

| SPECIES | RAV/1000 3/5 | DATE | LINE |
|-------------------|--------------|-----------------|----------|
| PEARL MILLET | 1.5 - 2 LBS | 4/15 - 5/01 | 10N/40N |
| WINTER WHEAT | 1.5 - 2 LBS | 6/10/1A, 3/0/40 | 1/0N/40N |
| *WEEPING LOVAGESS | 2 - 3 LBS | 5/1 - 6/7 | 1/0N/40N |

FERTILIZER (LBS./ACR)

| SPECIES | P202 | K202 |
|-------------------|---------|-----------|
| PEARL MILLET | 60 - 80 | 120 - 180 |
| WINTER WHEAT | 60 - 80 | 120 - 180 |
| *WEEPING LOVAGESS | 60 - 80 | 120 - 180 |

*HYDROSEED ON AL 2:1 (N) SLOPES

Ds3

PERMANENT SEEDING

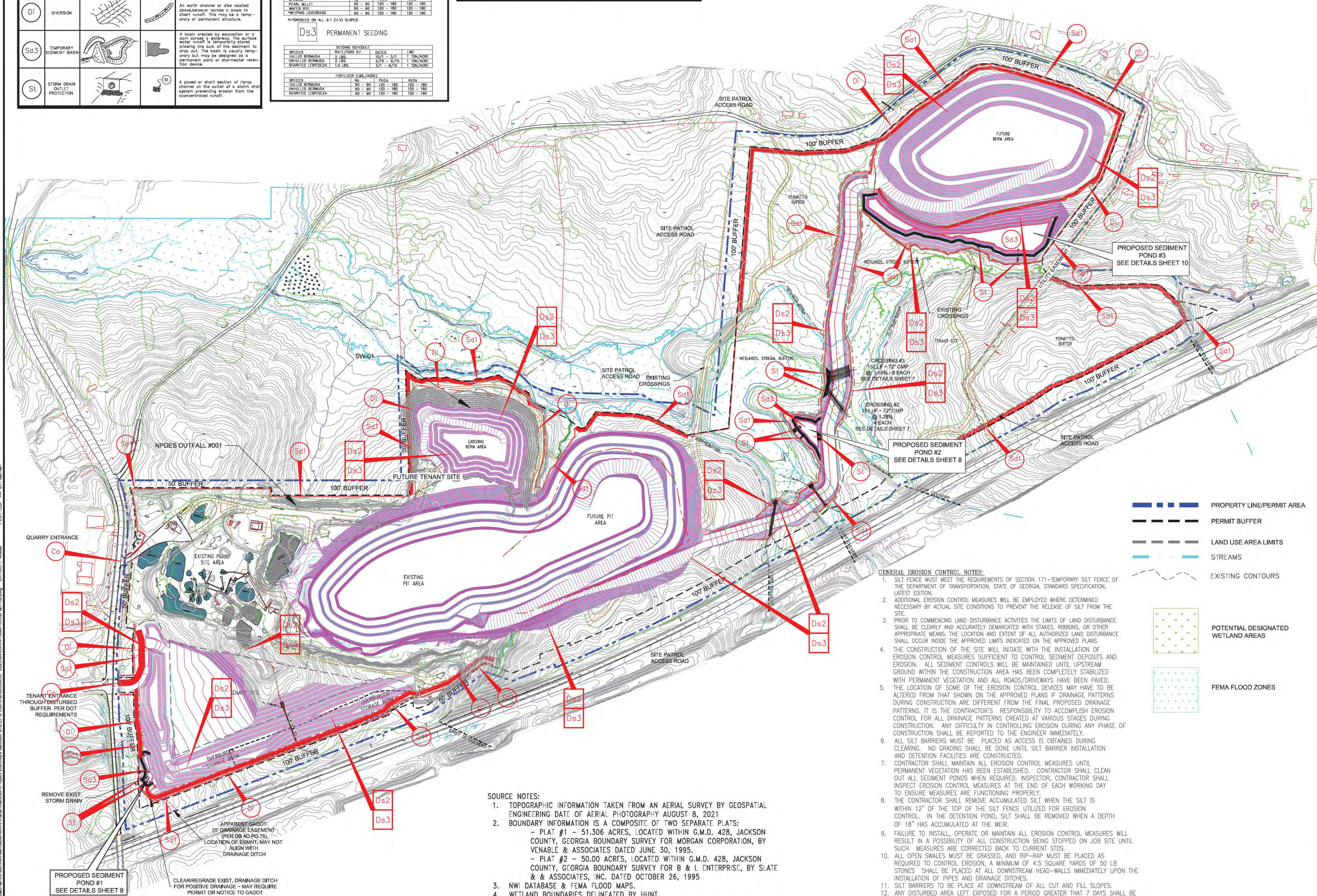
SEEDING SCHEDULE

| SPECIES | RAV/1000 3/5 | DATE | LINE |
|---------------------|--------------|-------------|----------|
| HAILED BERNAGA | 2 LBS | 10/1 - 3/7 | 1/0N/40N |
| HAILED BERNAGA | 2 LBS | 7/15 - 7/25 | 1/0N/40N |
| SCATTERED LUPESKIZA | 1.5 LBS | 3/1 - 6/15 | 1/0N/40N |

FERTILIZER (LBS./ACR)


| SPECIES | P202 | K202 |
|---------------------|---------|-----------|
| HAILED BERNAGA | 60 - 80 | 120 - 180 |
| HAILED BERNAGA | 60 - 80 | 120 - 180 |
| SCATTERED LUPESKIZA | 60 - 80 | 120 - 180 |

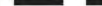






| | | | | |
|-----|---|--|-----|--|
| Ds2 | DISTURBED AREA STABILIZATION (W/2 TEMPORARY SEEDING) |  | Ds2 | Establishing temporary vegetative cover with fast growing seedlings on disturbed areas. |
| Ds3 | DISTURBED AREA STABILIZATION (W/3 PERMANENT VEGETATION) |  | Ds3 | Establishing permanent vegetative cover such as trees, shrubs, vines, grasses, sod, or legumes on disturbed areas. |

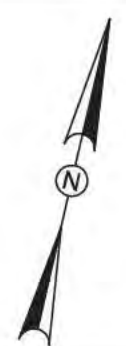


1. TOPOGRAPHIC INFORMATION TAKEN FROM AN AERIAL SURVEY BY GEOSPATIAL ENGINEERING DATE OF AERIAL PHOTOGRAPHY AUGUST 8, 2021
2. BOUNDARY INFORMATION IS A COMPOSITE OF TWO SEPARATE PLATS:
 - PLAT #1 - 51.306 ACRES, LOCATED WITHIN G.M.D. 428, JACKSON COUNTY, GEORGIA BOUNDARY SURVEY FOR MORGAN CORPORATION, BY VENABLE & ASSOCIATES DATED JUNE 30, 1995.
 - PLAT #2 - 50.00 ACRES, LOCATED WITHIN G.M.D. 428, JACKSON COUNTY, GEORGIA BOUNDARY SURVEY FOR B & L ENTERPRISE, BY SLATE & ASSOCIATES, INC. DATED OCTOBER 26, 1995
3. NWI DATABASE & FEMA FLOOD MAPS.
4. WETLAND BOUNDARIES DELINEATED BY HHNT.
5. GENERAL WASTEWATER NPDES PERMIT #GAG300028, NPDES STORMWATER PERMIT #GAR050000.

1. SILT FENCE MUST MEET THE REQUIREMENTS OF SECTION 171-TEMPORARY SILT FENCE OF THE DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA, STANDARD SPECIFICATION, LATEST EDITION.
2. ADDITIONAL EROSION CONTROL MEASURES WILL BE EMPLOYED WHERE DETERMINED NECESSARY BY ACTUAL SITE CONDITIONS TO PREVENT THE RELEASE OF SILT FROM THE SITE.
3. PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITIES THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE SHALL OCCUR INSIDE THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.
4. THE CONSTRUCTION OF THE SITE WILL INITIATE WITH THE INSTALLATION OF EROSION CONTROL MEASURES SUFFICIENT TO CONTROL SEDIMENT DEPOSITS AND EROSION. ALL SEDIMENT CONTROLS WILL BE MAINTAINED UNTIL UPSTREAM GROUND WITHIN THE CONSTRUCTION AREA HAS BEEN COMPLETELY STABILIZED WITH PERMANENT VEGETATION AND ALL ROADS/DRIVEWAYS HAVE BEEN PAVED.
5. THE LOCATION OF THE LOCUS OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS. DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
6. ALL SILT BARRIERS MUST BE PLACED AS ACCESS IS OBTAINED DURING CONSTRUCTION. NO GRADING SHALL BE DONE UNTIL SILT BARRIER INSTALLATION AND DETENTION FACILITIES ARE CONSTRUCTED.
7. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. CONTRACTOR SHALL CLEAN OUT ALL SEDIMENT PONDS WHEN REQUIRED. INSPECTOR, CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
8. THE CONTRACTOR SHALL REMOVE ACCUMULATED SEDIMENT WHEN THE SILT IS WITHIN 12" OF THE TOP OF THE POND. SEDIMENT UTILIZED FOR EROSION CONTROL. IN THE DETENTION POND, SILT SHALL BE REMOVED WHEN A DEPTH OF 18" HAS ACCUMULATED AT THE WEIR.
9. FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN A POSSIBILITY OF ALL CONSTRUCTION BEING STOPPED ON JOB SITE UNTIL SUCH MEASURES ARE CORRECTED BACK TO CURRENT STDS.
10. ALL OPEN SWALES MUST BE GRASSED, AND RIP-RAP MUST BE PLACED AS REQUIRED TO CONTROL EROSION, A MINIMUM OF 4.5 SQUARE YARDS OF 50 LB STONES SHALL BE PLACED AT ALL DOWNSTREAM HEAD-WALLS IMMEDIATELY UPON THE INSTALLATION OF SITES AND DRAINAGE.
11. SILT BARRIERS TO BE PLACED AT DOWNSTREAM OF ALL CUT AND FILL SLOPES.
12. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 7 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING.



| | |
|---|------------------------------------|
|  | PROPERTY LINE/PERMIT AREA |
|  | PERMIT BUFFER |
|  | LAND USE AREA LIMITS |
|  | STREAMS |
|  | EXISTING CONTOURS |
|  | POTENTIAL DESIGNATED WETLAND AREAS |
|  | FEMA FLOOD ZONES |



| |
|--------------------|
| SCALES ACCORDINGLY |
|--------------------|

ORIGINAL DRAWING SIZE IS 24 x 36

**ULTIMATE MINE &
EROSION CONTROL PLAN**

G.D.M. 428
JACKSON COUNTY, GA

Vulcan

SURFACE MINING PERMIT 1060-013
AMENDMENT #2

| | | |
|------------------|-----------|---------|
| PROJECT NO. | 2023-029 | 4 |
| ISSUE DATE | 9/11/2023 | |
| CURRENT REVISION | 1 | |
| DESIGNED BY | BWK | |
| DRAWN BY | BWK | |
| CHECKED BY | BWK | |
| APPROVED BY | BWK | |
| SHEET | | 4 of 10 |



G.D.M. 428
JACKSON COUNTY, GA



;

of 10

