AI 73974

MSR323130

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Rec'd via email:
11/13/2026

MINING NOTICE OF INTENT (MNOI)
FOR COVERAGE UNDER
MINING STORM WATER, DEWATERING AND NO DISCHARGE
GENERAL PERMIT MSR32 3130 __ __
(Number to be assigned by State)

File at least 30 days prior to the commencement of mining; 15 days if a Storm Water Pollution Prevention Plan (SWPPP) is already on file and mine dewatering is not proposed. Lateral expansion of an existing mine that has general permit coverage requires the submittal of the Major Modification Form, not a new MNOI. However, modification of the existing SWPPP to include the expansion is required. Discharge of storm water or impounded water associated with mining or the operation of a wastewater recirculation system with no discharge without written notification of coverage from MDEQ is a violation of State Law.

If the company seeking coverage is a corporation, a limited liability company, a partnership, or a business trust, attach proof of its registration with the Mississippi Secretary of State and/or its Certificate of Good Standing. This registration or Certificate of Good Standing must be dated within twelve (12) months of the date of the submittal of this coverage form. Coverage will be issued in the company name as it is registered with the Mississippi Secretary of State.

Please indicate the activities to be covered by this MNOI (check all that apply).

- [x] **Storm Water Discharges Associated with Mining**
- [ ] **Mine Dewatering**
- [x] **Wastewater Recirculation System with No Discharge**

The appropriate section of the MNOI must be completed if the applicant proposes to discharge storm water, discharge impounded mine water (dewatering) and/or operate a wastewater recirculation system with no discharge.

A site-specific Storm Water Pollution Prevention Plan (SWPPP) developed in accordance with ACT5 of the General Permit and a United States Geological Survey (USGS) quadrangle map or photocopy, indicating the site location and outfalls must be included with the MNOI submittal. The name of the quadrangle map must be shown on all copies. Quadrangle maps can be obtained from the MDEQ, Office of Geology at 601-961-5523. Additional submittals may include the following (check all that apply).

- [ ] **Section 404 Documentation**
- [ ] **Notice of Exempt Operations Form**
- [ ] **Dam/Reservoir Safety Permit or Written Authorization**

ALL INFORMATION MUST BE COMPLETED (indicate "N/A" where not applicable)

OC

MSR32 3130

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: ☐ OWNER ☑ OPERATOR

OWNER CONTACT INFORMATION

OWNER CONTACT PERSON: Walter Gibson

OWNER COMPANY LEGAL NAME: N/A

OWNER STREET OR P. O. BOX: 420 Johnson Quarter Rd

OWNER CITY: Lexington **STATE:** MS **ZIP:** 39095

OWNER PHONE #: (_____) **OWNER EMAIL:**

OPERATOR CONTACT INFORMATION

OPERATOR CONTACT PERSON: Brian Moore

OPERATOR COMPANY LEGAL NAME: APAC-Mississippi, Inc.

OPERATOR STREET OR P. O. BOX: PO Box 24508

OPERATOR CITY: Jackson **STATE:** MS **ZIP:** 39225

OPERATOR PHONE #: (601) 376-4000 **OPERATOR EMAIL:** brian.moore@apac.com

MINE INFORMATION

MINE NAME: Coxburg Mine #2

MINE SITE ADDRESS (If the physical address is not available, please indicate nearest named road.)

Street: 1360 Johnson Rd

City: Lexington **State:** MS **County:** Holmes **Zip:** 39095

NW /4 OF NE /4 OF SECTION 21, TOWNSHIP 13, RANGE 1E

MINE SITE TRIBAL LAND ID (N/A If not applicable): N/A

ATTACH A USGS QUAD MAP, EXTENDING ½ MILE BEYOND FACILITY, OUTLINING THE MINE BOUNDARIES
(Maps can be obtained from the Mississippi Office of Geology. For information call 601-961-5523).

LATITUDE: N32 degrees 57 minutes 51.8 seconds **LONGITUDE:** W90 degrees 11 minutes 51.3 seconds

LAT & LONG DATA SOURCE (GPS (*Please GPS Entrance Gate*) or Map Interpolation): GPS

TOTAL ACREAGE: 12 **MATERIAL TO BE MINED:** Sand and Gravel

WILL HYDRAULIC DREDGING BE USED? ☐ YES ☑ NO

WASHING OF SAND/GRAVEL? ☑ YES ☐ NO

ESTIMATED START DATE: 01-01-2027 (YYYY-MM-DD)

ESTIMATED END DATE: 06-01-2030 (YYYY-MM-DD)

SIC CODE 1442

NAICS CODE 212321

RECEIVING STREAM INFORMATION

NEAREST NAMED RECEIVING STREAM: Unnamed Tributary to Tesheva Creek

IS RECEIVING STREAM ON MISSISSIPPI'S 303(D) LIST OF IMPAIRED WATER BODIES? (The 303(d) list of impaired waters and TMDL stream segments may be found of MDEQ's website: http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section) ☑ YES ☐ NO

HAS A TMDL BEEN ESTABLISED FOR THE RECEIVING STREAM SEGMENT? ☑ YES ☐ NO

COMPLETE IF STORM WATER DISCHARGE IS PROPOSED

ATTACH A STORM WATER POLLUTION PREVENTION PLAN (SEE PERMIT FOR REQUIREMENTS)

IDENTIFY THE ASSOCIATION OR GENERIC SWPPP ON FILE AT MDEQ: Site-specific Stormwater Pollution Prevention Plan is attached.

COMPLETE IF WASTEWATER RECIRCULATION SYSTEM WITH NO DISCHARGE IS PROPOSED

DISTANCE BETWEEN RECIRCULATION POND(S) AND PROPERTY LINE: N/A **(FT)**
(MUST BE AT LEAST 150 FEET)

NUMBER OF RECIRCULATION POND(S): N/A

STORAGE CAPACITY OF EACH RECIRCULATION POND(S): No wastewater recirculation system is proposed at the proposed permitted acreage. **(FT^3)**

COMPLETE IF MINE DEWATERING IS PROPOSED

ESTIMATED DEWATERING VOLUME: N/A **(GAL/DAY)**

NAME AND ADDRESS OF THE RECIPIENT OF THE DISCHARGE MONITORING REPORTS (DMRs), IF DIFFERENT FROM SIGNATORY: N/A

DOCUMENTATION OF COMPLIANCE WITH OTHER REGULATIONS/REQUIREMENTS

Coverage under this general permit will not be granted until all other required MDEQ permits and approvals are addressed.

WILL THE CONSTRUCTION OR OPERATION OF THIS MINE INVOLVE THE RE-ROUTING, FILLING OR CROSSING OF A WATER CONVEYANCE OF ANY KIND? ☐ YES ☑ NO

If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch for permitting requirements. If the mine requires a Corps of Engineers Section 404 permit, provide appropriate documentation with this MNOI that:

- **The mine has been approved by individual permit, or**
- **The work will be covered by a nationwide permit and NO NOTIFICATION to the Corps is required, or**
- **The work will be covered by a nationwide or general permit and NOTIFICATION to the Corps is required.**

LIST ANY NPDES PERMIT NO(s). MSR322765 **GEOLOGY APPLICATION/PERMIT NO.** P18-018AATA

LIST OTHER GEOLOGY PERMIT NUMBERS THAT APPLY TO COVERAGE AREA

Groundwater Well Permit: MS-GW-17511

IS THE MINE LESS THAN 4 ACRES AND GREATER THAN 1320 FEET FROM ANOTHER MINE?

☐ **YES** **A "Notice of Exempt Operations" Form must be included with the MNOI or proof of prior submission, if previously submitted to the Office of Geology.**

☑ **NO** **A "Notice of Intent to Mine Class I or Class II Materials" Form must be filed before coverage will be granted under the Mining General Permit. For information on Office of Geology requirements, call 601-961-5515.**

LIST ANY LOCAL STORM WATER ORDINANCES WITH WHICH THE OPERATIONS MUST COMPLY AND SUBMIT ANY ASSOCIATED APPROVAL DOCUMENTATION. N/A

IF IMPOUNDMENTS WILL BE CONSTRUCTED ABOVE NATURAL SURFACE ELEVATIONS, INDICATE WHICH, IF ANY, OF THE FOLLOWING APPLY.

☐ **The impoundment will be constructed with a peripheral dam or levee 8 feet or greater in height, measured from the lowest elevation of its toe.**

☐ **The impoundment will have a maximum storage volume greater than 25 acre-feet.**

☐ **The impoundment will impound a watercourse with a continuous flow.**

☐ **The impoundment has the potential to threaten downstream lives or man-made structures.**

If <u>any</u> of the impoundments meet any of the above criteria, the applicant will be required to obtain written authorization from MDEQ, Dam Safety Division before coverage will be granted under the Mining General Permit.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Brian Moore

Authorized Signature[1]

11/5/2026

Date

Brian Moore

Printed Name

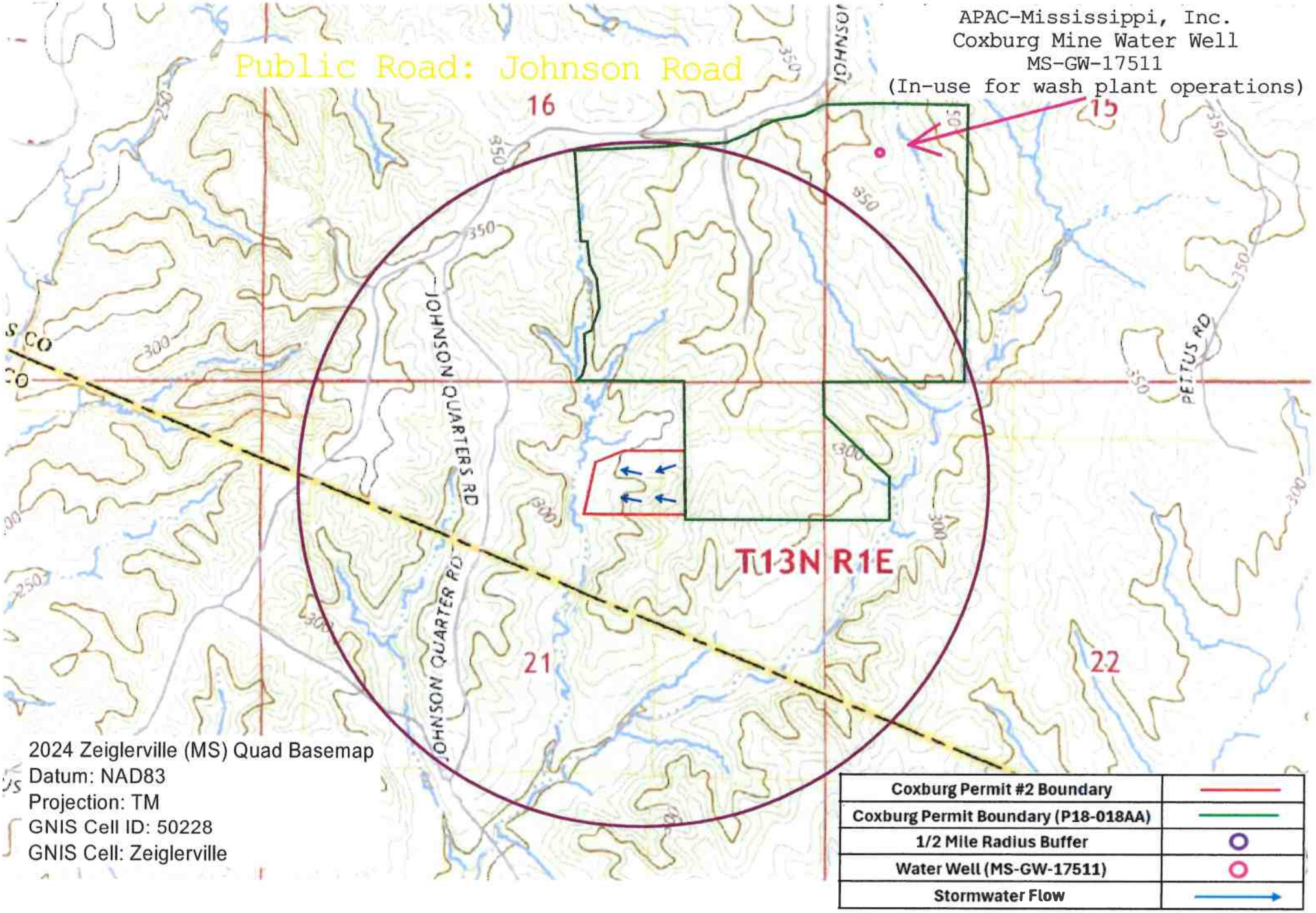
Environmental Manager

Title

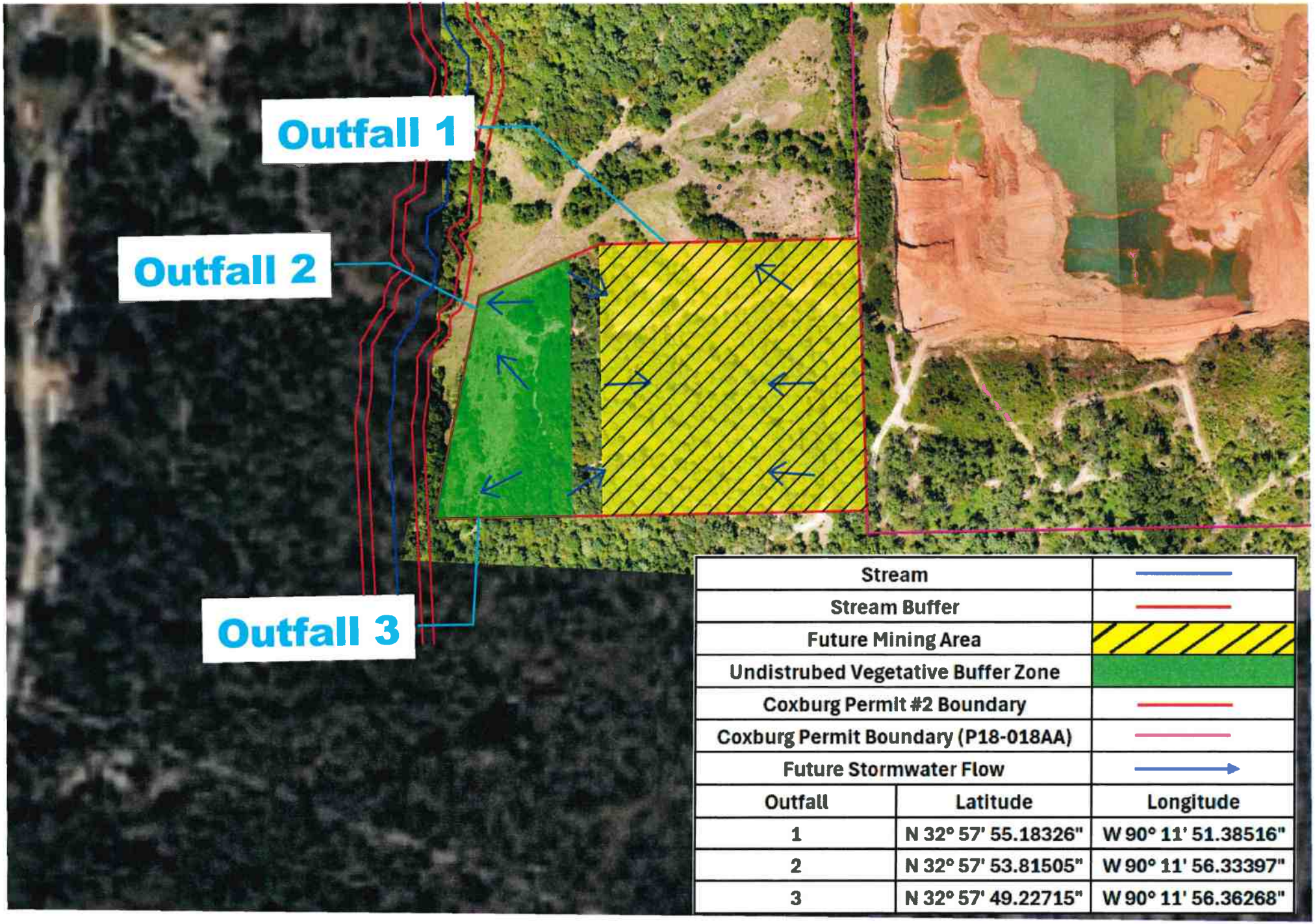
[1]**This application shall be signed according to the General Permit, Act 15, T-4 as follows:**

- **For a corporation, by a responsible corporate officer.**
- **For a partnership, by a general partner.**
- **For a sole proprietorship, by the proprietor.**
- **For a municipal, state or other public facility, by either a principal executive officer, the mayor, or ranking elected official.**
- **Duly Authorized Representative**

Please submit this form to: **Chief, Environmental Permits Division**
MDEQ, Office of Pollution Control
P.O. Box 2261
Jackson, Mississippi 39225



apac A CRH COMPANY	0 — 1814 — 3627 ft	APAC-Mississippi, Inc. Coxburg Mine #2	N	Description: This map depicts Coxburg Permit #2 Boundary, surface flow patterns, and water well locations within 1/2 mile radius.	Print Date: 10/22/2026



Stream		
Stream Buffer		
Future Mining Area		
Undistrubed Vegetative Buffer Zone		
Coxburg Permit #2 Boundary		
Coxburg Permit Boundary (P18-018AA)		
Future Stormwater Flow		
Outfall	Latitude	Longitude
1	N 32° 57' 55.18326"	W 90° 11' 51.38516"
2	N 32° 57' 53.81505"	W 90° 11' 56.33397"
3	N 32° 57' 49.22715"	W 90° 11' 56.36268"

apac A CRH COMPANY

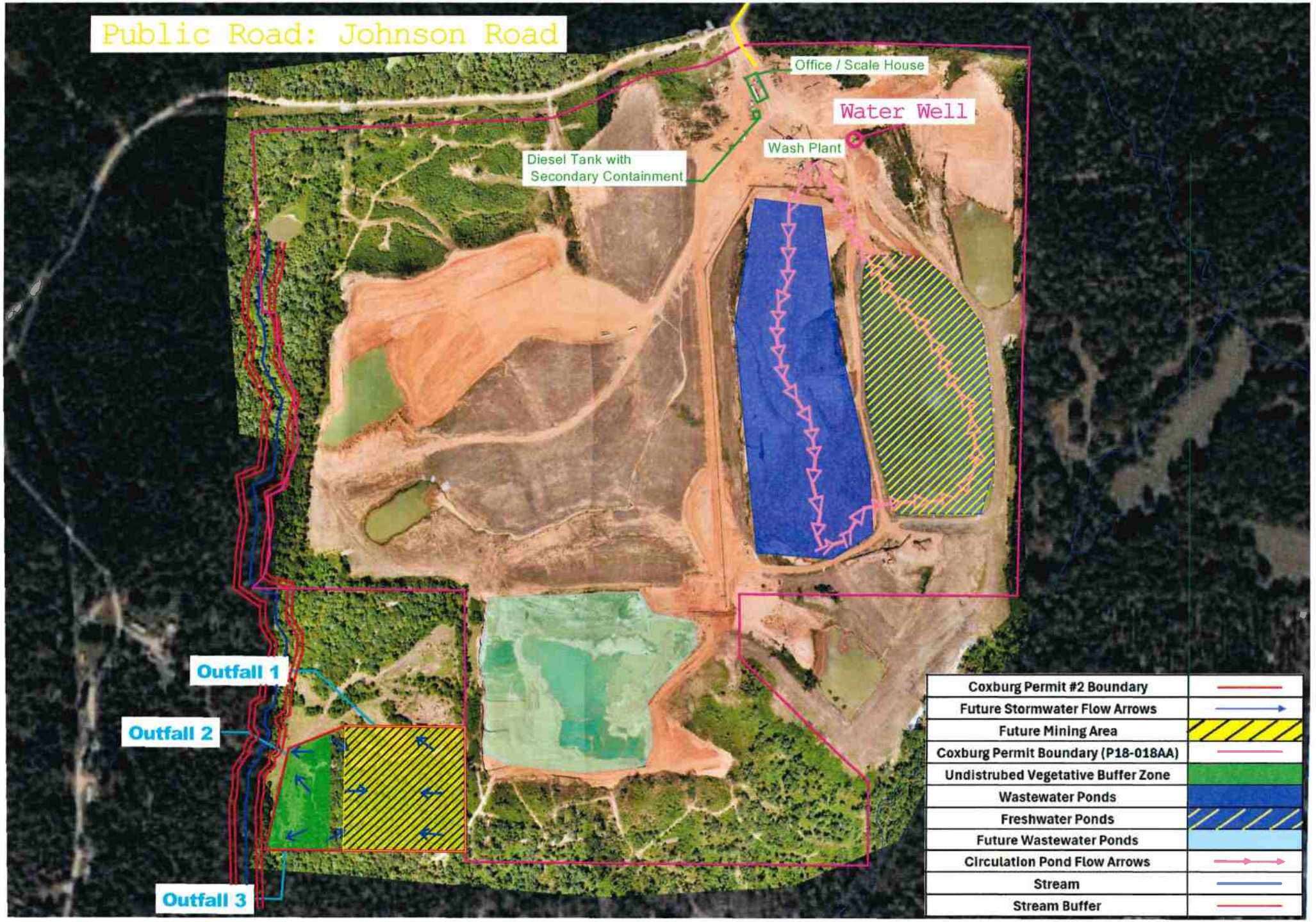
0 427 854 ft

APAC-Mississippi, Inc.
Coxburg Mine #2

N

Description: This map depicts Coxburg Permit #2 Boundary future flow patterns, parcel boundaries, outfalls, future mining area, and the current surface mining permit boundary at Coxburg: Permit # (P18-018AA)

Print Date: 11/5/2026



apac
A CRH COMPANY

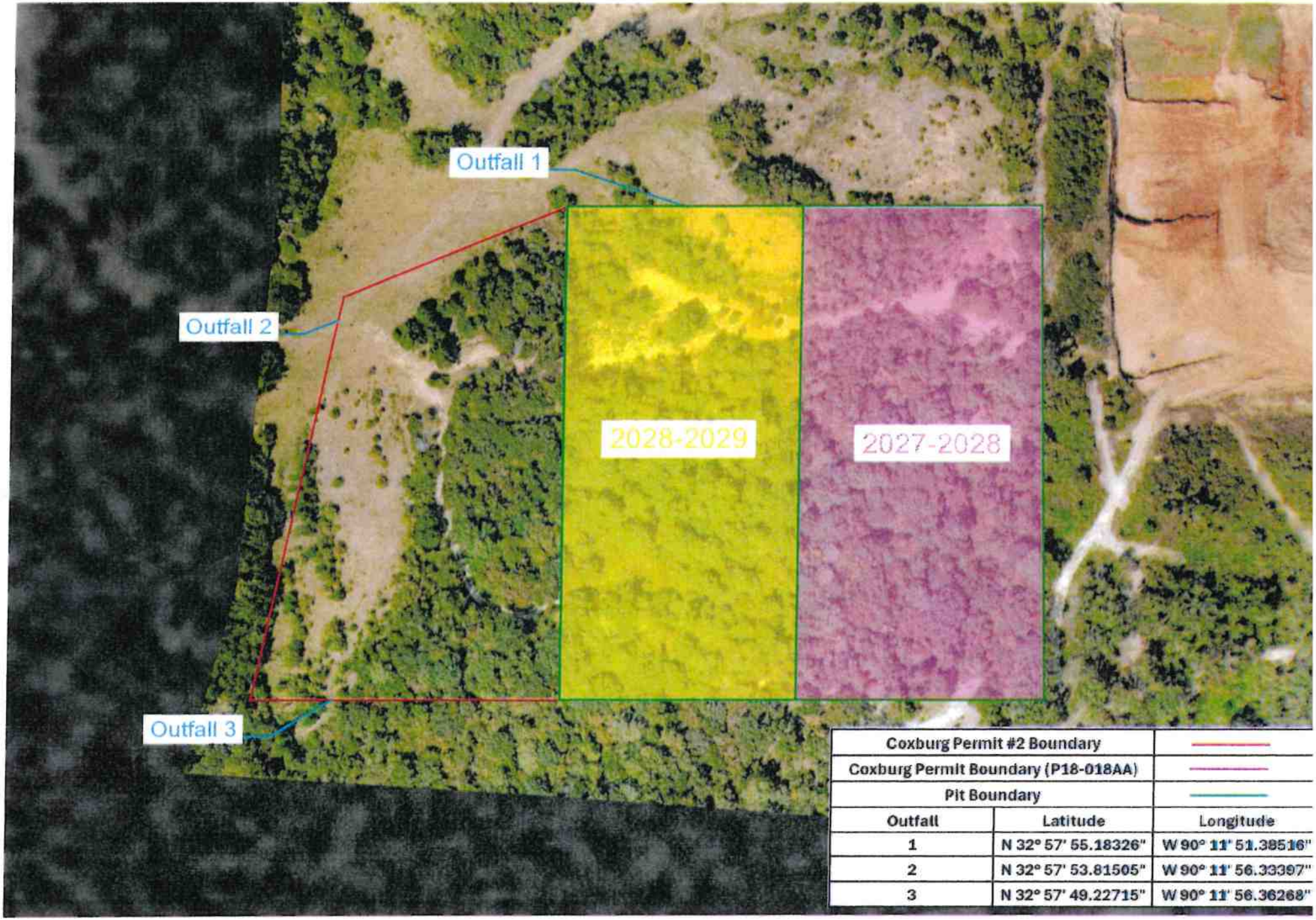
0 909 1818 ft

APAC-Mississippi, Inc.
Coxburg Mine #2

N

Description: This map depicts the general site plan for the Coxburg Permit #2 flow patterns, future mining area, ponds, wash plant, outfalls, tanks,and the current surface mining permit boundary at Coxburg:
Permit # (P18-018AA)

Print Date: 11/5/2026



Coxburg Permit #2 Boundary		
Coxburg Permit Boundary (P18-018AA)		
Pit Boundary		
Outfall	Latitude	Longitude
1	N 32° 57' 55.18326"	W 90° 11' 51.38516"
2	N 32° 57' 53.81505"	W 90° 11' 56.33397"
3	N 32° 57' 49.22715"	W 90° 11' 56.36268"

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A CRH COMPANY

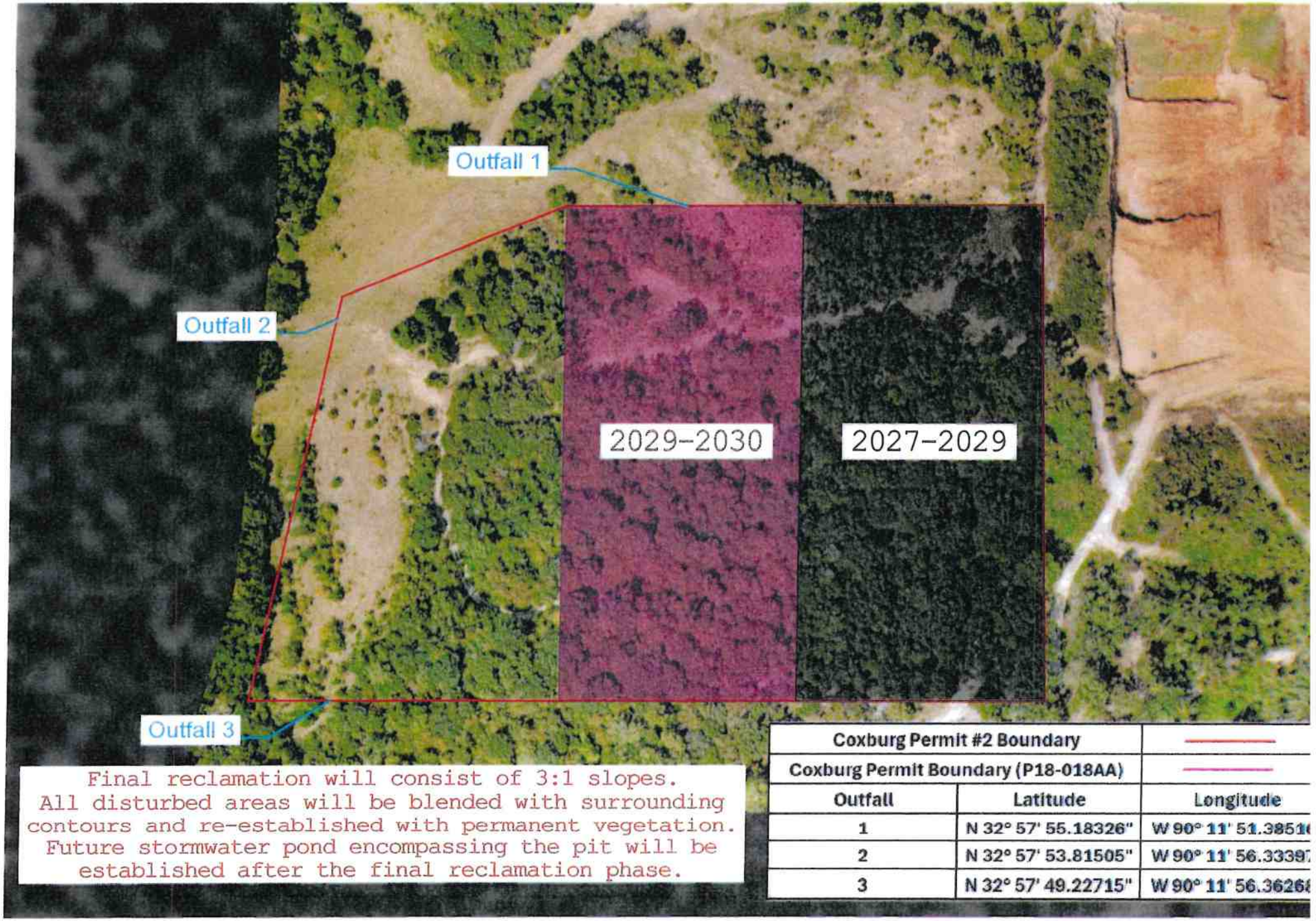
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APAC-Mississippi, Inc.
Coxburg Mine #2

N

Description: This map depicts the yearly mining plan for Coxburg Mine #2.

Print Date: 10/22/2026



Final reclamation will consist of 3:1 slopes. All disturbed areas will be blended with surrounding contours and re-established with permanent vegetation. Future stormwater pond encompassing the pit will be established after the final reclamation phase.

Coxburg Permit #2 Boundary		
Coxburg Permit Boundary (P18-018AA)		
Outfall	Latitude	Longitude
1	N 32° 57' 55.18326"	W 90° 11' 51.3851
2	N 32° 57' 53.81505"	W 90° 11' 56.3339
3	N 32° 57' 49.22715"	W 90° 11' 56.3626

apac A CRH COMPANY

0 232 463 ft

APAC-Mississippi, Inc.
Coxburg Mine #2

N

Description: This map depicts the post-mining reclamation at Coxburg Mine #2.

Print Date: 10/22/2026



apac
A CRH COMPANY

0 232 463 ft

APAC-Mississippi, Inc.
Coxburg Mine #2
Overview Cross-Section Map

N

Description: This map depicts the overview of the cross-sections of the pre and post mining operations at Coxburg Mine #2.

Print Date: 10/13/20



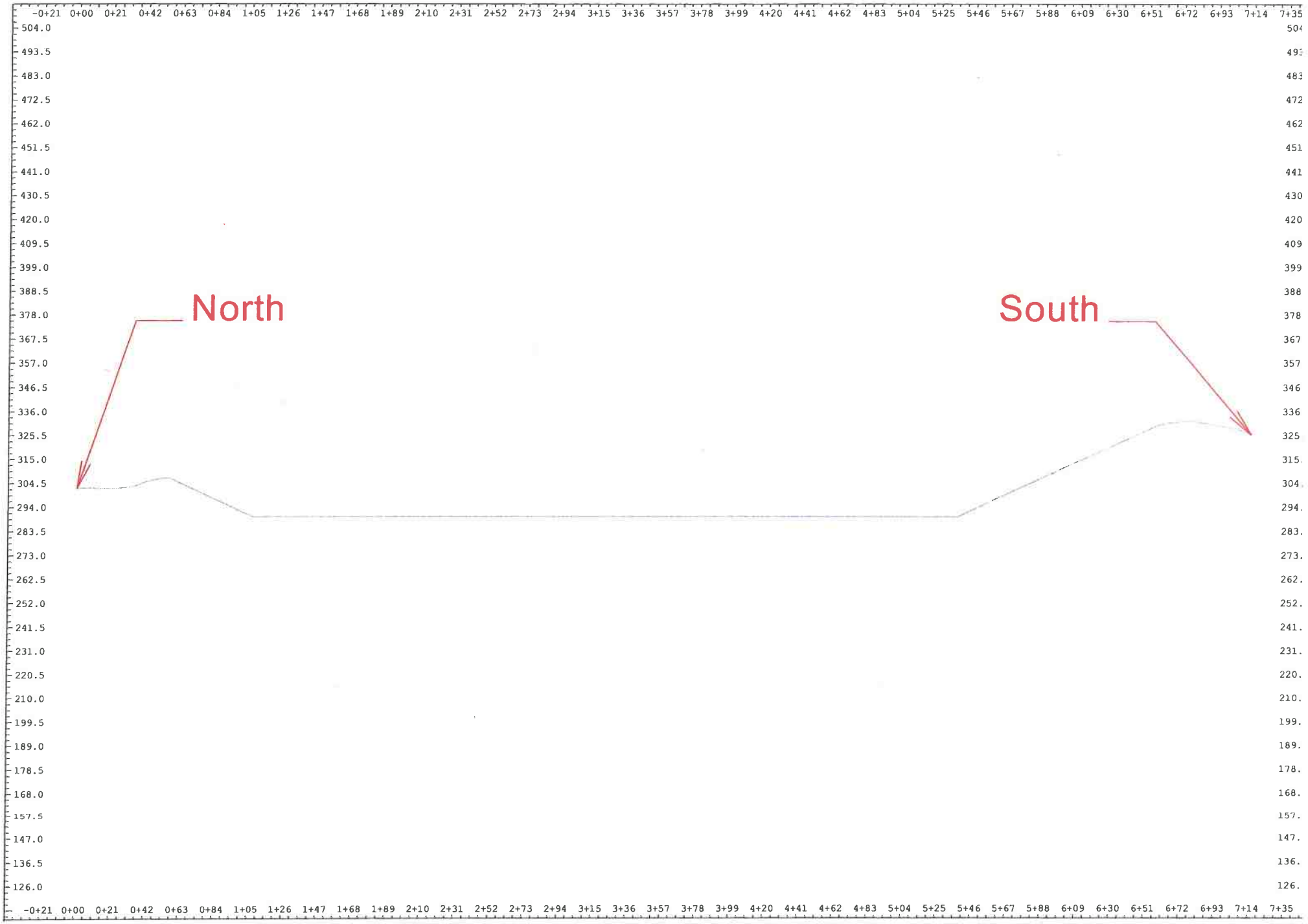
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A CRH COMPANY

Print Date: 10/13/2026

Drawn by: Patrick Dunkle

APAC-Mississippi, Inc.
Coxburg Mine #2
Pre Mining
North to South Cross-Section

Description: North to South cross-section of Coxburg Mine # proposed permitted area before mining.



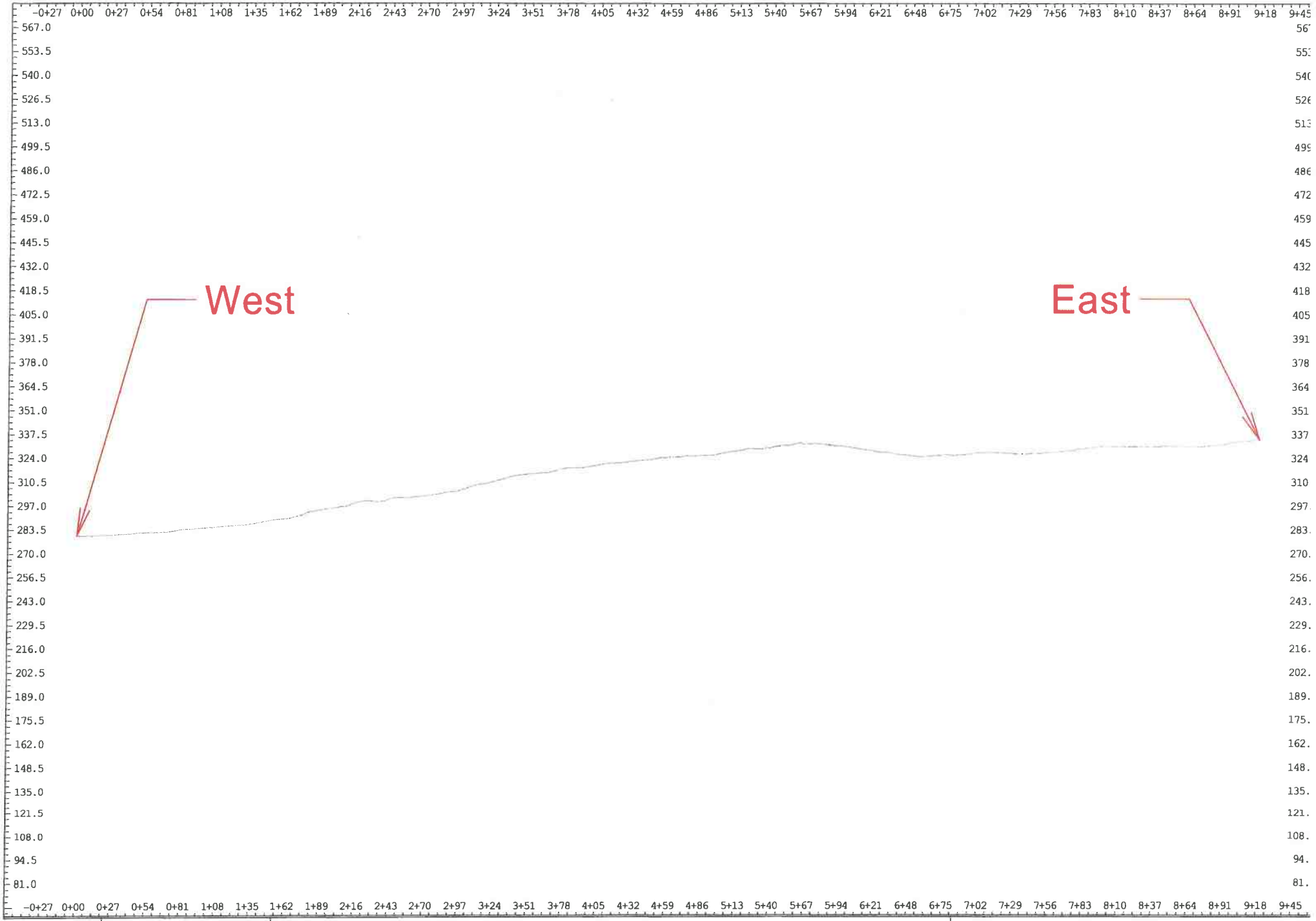
apac
A CRH COMPANY

Print Date: 10/13/2026

Drawn by: Patrick Dunkle

APAC-Mississippi, Inc.
Coxburg Mine #2
Post Mining
North to South Cross-Section

Description: North to South cross-section of Coxburg Mine #2 proposed permitted area after mining.



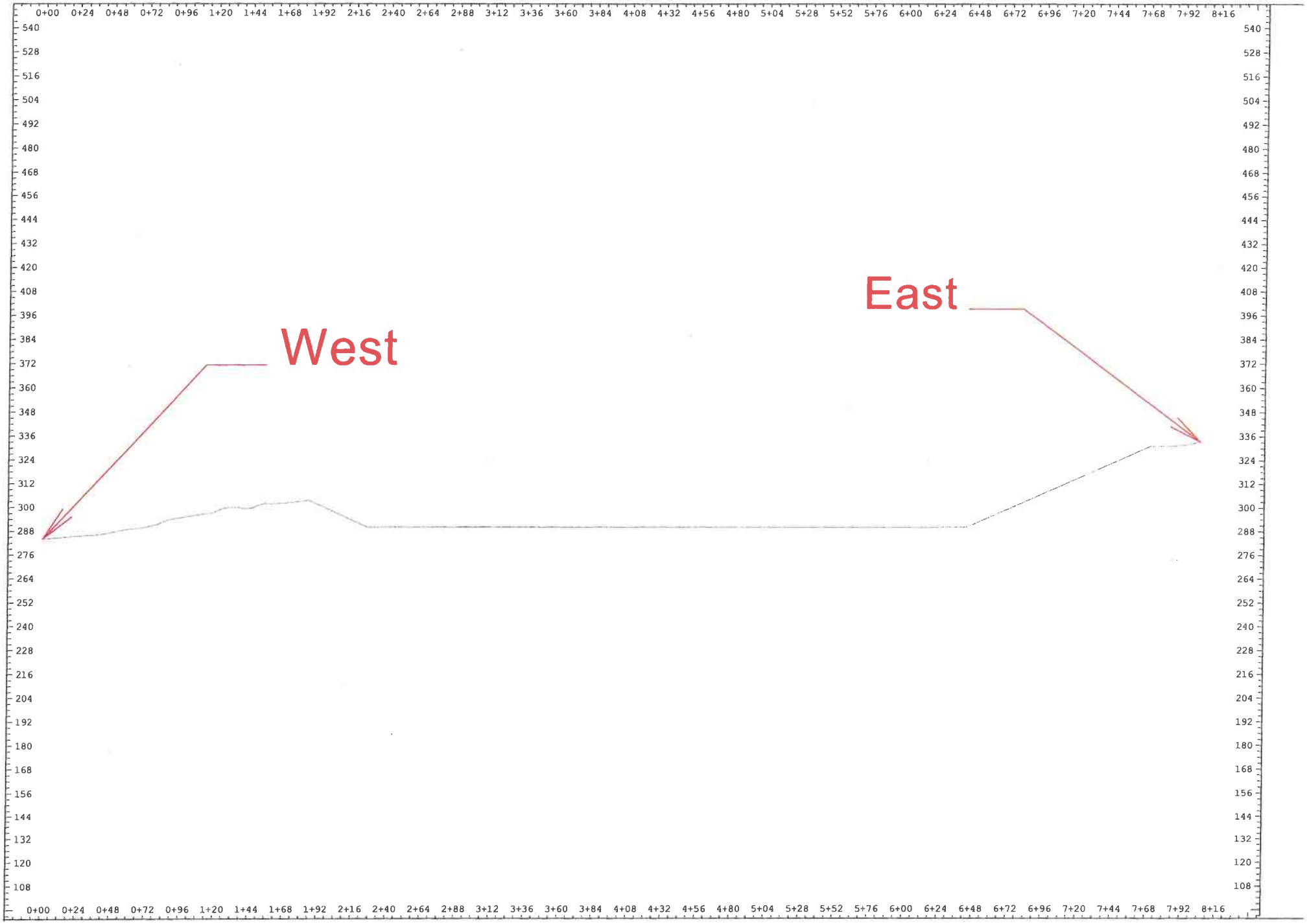
apac
A CRH COMPANY

Print Date: 10/13/2026

Drawn by: Patrick Dunkle

APAC-Mississippi, Inc.
Coxburg Mine #2
Pre Mining
East to West Cross-Section

Description: East to West cross-section of Coxburg Mine # proposed permitted area before mining.



Print Date: 11/5/2026

Drawn by: Patrick Dunkle

APAC-Mississippi, Inc.
Coxburg Mine #2
Post Mining
East to West Cross Section

Description: East to West cross-section of Coxburg Mine #2 proposed permitted area after mining.



Outfall	Latitude	Longitude
1	N 32° 57' 55.18326"	W 90° 11' 51.38516"
2	N 32° 57' 53.81505"	W 90° 11' 56.33397"
3	N 32° 57' 49.22715"	W 90° 11' 56.36268"

apac A CRH COMPANY

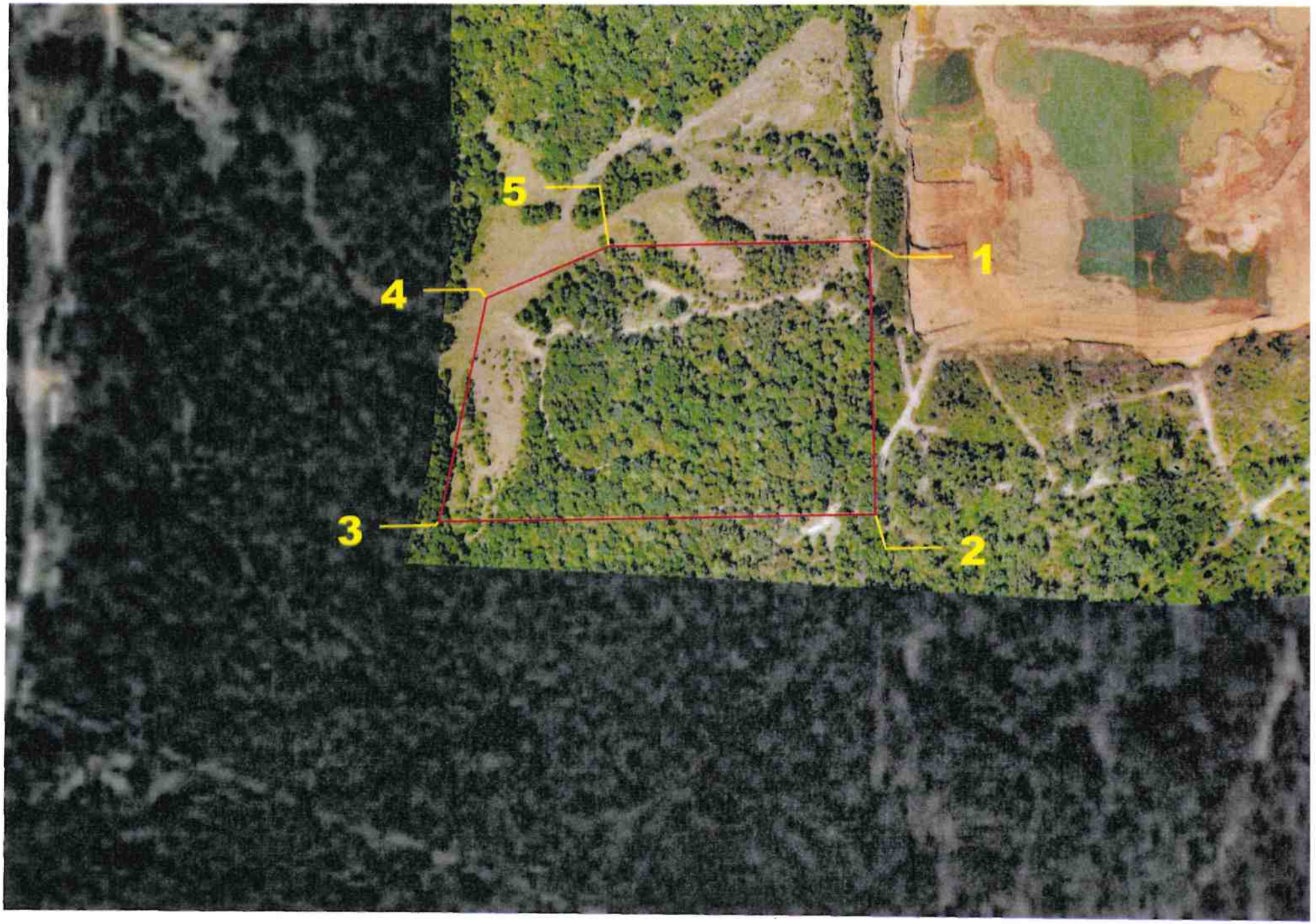
0 232 463 ft

APAC-Mississippi, Inc.
Coxburg Mine #2

N

Description: This map depicts the post-mining reclamation at Coxburg Mine #2.

Print Date: 10/22/2026



apac

0 427 854 ft

APAC-Mississippi, Inc.
Coxburg Mine #2

N

Description: This map depicts Coxburg Permit #2 Boundary Corner Point ID's. Coordinate sheet is attached seperately.

Print Date: 9/22/202

Point ID	Latitude	Longitude
1	32.96533	-90.19622
2	32.96367	-90.19619
3	32.96368	-90.19931
4	32.96503	-90.19896
5	32.96533	-90.19809

Coxburg #2 Permit Boundary Corner Coordinates

List Points Proposed 12 Acre Permit

Coordinate System / Datum Transformation: United States / State Plane 1983

Geoid Model: Geoid 12B (Conus)

Zone: Mississippi West 2302

Units: US Survey Foot

Worksheet #1

APAC-MISSISSIPPI, INC.

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

Coxburg Mine #2
1360 Johnson Road
Lexington, MS 39095

Under Mississippi's

Mining Storm Water, Dewatering, and No Discharge General NPDES Permit

Coverage No. MSR

SWPPP Manager: Derrick Stricklin
Title: Superintendent **Cell Phone # 662-998-2093**

SWPPP Committee Members (list), if applicable:

Leslie Dill, David Farrish, Derrick Stricklin, Ron Dupuis, Brian Moore, Patrick Dunkle, Mitchell Martin, Colin Agostinelli, David Barton

I certify under penalty of law that the information submitted is, to the best of my knowledge, true, accurate and complete.

Brian Moore
Signature

11/5/26
Date Signed

Brian Moore
Printed Name

Environmental Manager
Title

Site Assessment

A. **Location:** The site is a surface mine located just off of Johnson Rd, Holmes County, Mississippi. The site is located within Section 21, Township 13, Range 1 East. The following Global Positioning System (GPS) coordinates can be used to locate the closest access road: North 32° 58' 27.72", West 90° 11' 31.45"

B. **Description of Work:** The project will involve the clearing of timber and other vegetation in preparation of the planned mining operation. Best Management Practices (BMP's) will be installed around the site to control storm water runoff in accordance with permit requirements. Stripping or removal of overburden will occur to access gravel deposits within the proposed permitted area. Stripping material will be placed at the adjacent mining area (Coxburg Mine) for reclamation of previously mined areas. Gravel deposits will be excavated and hauled to the wash plant at the adjacent mine. Once mining has been completed, the disturbed areas will be blended with surrounding contours and established with permanent vegetation.

C. **Drainage Patterns:** The existing topography of the site can be described as two ridges spanning east and west with elevations ranging across the 12 acres from 285' to 343'. During the pre-mining phase, the site drains mostly west towards Tesheva Creek through an unnamed tributary. Mining activities will not impact the western portion of the proposed permitted area. BMP's will be installed as necessary during mining operations to ensure compliance with site drainage. As mining progresses, drainage patterns will flow into the active mining area while the drainage patterns on the undisturbed western portion will remain unchanged. Post-mining site drainage patterns will flow into a proposed pond established during the final reclamation phase. All disturbed areas will be blended with surrounding contours and established with permanent vegetation. All site drainage of undisturbed areas will remain unchanged and will flow west towards Tesheva Creek through an unnamed tributary.

   For Tesheva Creek, Total Maximum Daily Load's were completed for Sediment (2008). Extensive measures will be taken to prevent any silt and sediment contamination from entering this receiving stream. The topography of the site along with the vegetative, brush berms will allow stormwater from any disturbed area to be drained to the mined area to minimize stormwater discharges from the site while the stormwater from any undisturbed area will drain west towards the unnamed tributary.

Act 5 (Mining) Storm Water Pollution Prevention Plan (SWPPP) Development and Content:

Condition Number

See Worksheet #1 for the Pollution Prevention Manager/Committee-Responsible for Mining Storm Water General Permit Compliance

T-1 **Potential Pollutant Sources**

A description of the potential pollutant sources and exposed material is contained in Worksheet #2

The sand and gravel stockpiles, fuel/oil storage locations, equipment parking, and plant processing area will all remain within the existing Coxburg Mine permit boundary of 250 acres in their existing locations. Only clearing, overburden removal and mining will take place within Coxburg Mine #2 of 12 acres. The mined material within the 12 acres will be transported to the wash plant processing area via haul trucks and/or overland conveyor.

T-3 **Erosion and Sediment Controls**

The Erosion and Sediment Controls appropriate for this mining activity will:

- Control storm water volume and velocity within the site to minimize soil erosion
- Control storm water discharges to minimize erosion at outlets and to minimize downstream channel and stream bank erosion
- Limit the exposure of disturbed areas to the shortest amount of time as possible
- Minimize the amount of soil exposed during mining activity
- Minimize the disturbance of steep slopes
- Minimize sediment discharges from the site
- Preserve topsoil where possible
- Remove sediment from storm water before it leaves the mine site
- Preserve existing vegetation where possible
- Preserve vegetated buffer zones around any creek, drain, lake, pond, or wetland
- Avoid disturbing sensitive areas such as steep or unstable slopes or land upslope of surface waters
- Revegetate disturbed areas as soon as possible
- Filter runoff by using natural vegetation, brush barriers, silt fence, and rock check dams
- Minimize off site vehicle tracking of sediment by establishing a stabilized site entrance/exit

T-4 **Minimum Erosion Controls**

Erosion and sediment controls for this site will consist of:
Vegetative and Structural Best Management Practices (BMP's)

T-4(1) **Site Map**

A scaled site map showing property layout with site boundaries is included with the SWPPP meeting the requirements of the Mining Storm Water, Dewatering, and No Discharge General Permit.

T-4(2) **Vegetative Practices**

These practices will be designed to preserve existing vegetation where possible and revegetate disturbed areas as soon as practicable after clearing, stripping, excavating or other land disturbing activities.

These practices will consist of

- Topsoil preservation
- Permanent grassing
- Temporary grassing
- Mechanical mulching for grassing cover with crimping
- Undisturbed vegetative buffer zones on west side of proposed mining area

When a disturbed area not actively being mined will be left undisturbed for 30 days or more with the potential for sediment to leave the site, the appropriate temporary or permanent vegetative practices shall be implemented within 7 calendar days.

T-4(3) **Structural Practices**

These practices shall divert flows of exposed soils, store flows, limit and filter run off from disturbed areas.

These practices will consist of

- Brush barrier around active mining area

Once mining commences, if additional BMPs are needed, appropriate BMPs will be implemented from the list below:

- Rock check dams
- Temporary sediment traps
- Additional brush barrier if necessary

A list of site-specific BMP's is contained in Worksheet #3.

T-4(4) **Construction Exits**

The construction exit from this mine will move directly onto our existing gravel entrance road and then to Johnson Road which is an existing gravel road. This transition area will be evaluated for excessive sediment tracking. Additional measures will be implemented if necessary. No additional construction exits will be established from the mining for this proposed permitted acreage.

T-4(6) **Post Mining Control Measures**

These measures will be implemented after reclamation activities have been performed in previously mined areas for final stabilization of the area. These measures will include all needed vegetative and structural practices to control sediment in stormwater runoff from the site after mining is complete. Mining has been and will continue to be incised at this location which will reduce the stormwater being discharged from the site. Post mining pond will be established as depicted within the site maps.

T-4(7) **Implementation Sequence**

Land clearing, stripping of overburden, and mining will begin in 2027 on the eastern area of the proposed permit boundary. The time frame for mining activities is listed in each pit boundary on the Mining Schedule map. Once mining in the pit boundary is complete, reclamation will begin. Fill material from the next mining phase will be relocated to the previously mined area. The last pit boundary will be mined in 2029.

T-5 **Non-Storm Water Discharge Management**

As identified in ACT 2, T-3(5), non-storm water discharges from this mining site will consist of:

- Dust suppression water
- Uncontaminated pumped ground water back to existing Coxburg Mine wastewater pond system.

These non-stormwater discharges are to be addressed by using the appropriate BMPs within this SWPPP. Non-storm water discharges will be eliminated or reduced to the extent feasible. The mine site will be evaluated for any non-stormwater discharges during monthly site inspections. A non-stormwater discharge evaluation is included in Worksheet #5.

T-6 **Implementation of Controls**

When disturbing an area in mining preparation, erosion and sediment controls will be implemented as needed to prevent erosion and adverse impacts to down-slope, off-site areas and receiving streams. All appropriate vegetative and structural best management practices will be installed upon commencement of the mining operation and as mining activity progresses and is completed.

T-8 **Maintenance and Monthly Inspections**

The following procedures will be used to maintain the site erosion and sediment controls:

All sediment and erosion control measures will be inspected at least once every month, within 24 hours after commencement of a rainfall event greater than or equal to a 2-year, 24-hour storm event (approximately 6 inches on the Gulf Coast to 4 inches at the MS/TN State line), and as often as necessary to ensure that the appropriate controls have been constructed, maintained, and function adequately to satisfy the requirements of the mining stormwater permit and to ensure that pollutants are not leaving the site.

All accumulated sediment will be removed from the structural control when the sediment reaches 1/3 to 1/2 the controls height.

All accumulated sediment will be removed from any temporary sediment trap when its capacity has been reduced by 50%.

Any non-functioning controls shall be repaired, replaced, or supplemented with functional controls within 24 hours of discovery or as soon as field conditions allow.

Monthly inspections shall be performed upon initial land disturbance and until permit coverage is terminated by MDEQ. These monthly inspections shall be recorded on the APAC-Mississippi, Inc. Mining Storm Water Permit Monthly Site Inspection Form within our company's electronic software. These forms shall be printed off of our company's electronic software and put in the site environmental records log.

T-9 **Housekeeping Practices**

Good housekeeping practices will be implemented at this mining site and evaluated during each required monthly inspection. They will include:

- Designated areas for equipment maintenance and repair
- Scheduled preventive maintenance on mobile equipment
- Minimize the exposure of mining/construction materials and equipment
- Implement spill and leak prevention practices and response procedures if spills and leaks do occur

Information on significant spills and leaks of hazardous pollutants will be documented on the monthly site inspection form and the spill log (Worksheet #4) if spills and leaks have occurred. Appropriate emergency procedures are listed within the site SPCC plan and will be implemented in the event of a significant spill or leak.

Act 6 (Mining) Storm Water Pollution Prevention Plan (SWPPP) Implementation Requirements:

Condition Number

S-1 **SWPPP Implementation Requirements**

S-1(1) This SWPPP will be implemented as such, and a copy maintained at the Mining Site. The SWPPP will be made available to MDEQ Inspectors upon request.

S-1(4) The SWPPP will be appropriately amended whenever there is a change design, construction, operation, or maintenance, which may potentially affect the discharge of pollutants to waters of the State or through inspection, the SWPPP proves to be ineffective in controlling stormwater pollutants. Any such amendment will be submitted to MDEQ within 30 days of the amendment.

S-3 The boundary of this permitted mining site shall be marked with durable posts. These posts will be readily visible during the life of the operation.

Act 8 (Mining) Reporting and Recordkeeping Requirements

Condition Number

R-1 **Records Retention**

Monthly Storm Water Inspections shall be documented on copies of the Annual Storm Water Site Inspection Report and Certification Form and shall be kept on site with the SWPPP. All records, reports, forms, and information resulting from activities required by the Mining Storm Water General Permit and this SWPPP shall be retained on site for a period of five (5) years.

Act 9 (Mining) Water Quality and Buffer Zone Requirements

Condition Number

L-1 **Storm Water Discharge Non-Numeric Limitation**

Storm water discharge shall be free from:

- Debris, oil, scum, and other floating materials other than in trace amounts
- Eroded soils and other materials that will settle to form objectionable deposits in receiving waters
- Suspended solids, turbidity, and color at levels inconsistent with receiving water
- Chemicals in concentrations that would cause violation of the State Water Quality Criteria in the receiving waters.

L-2 **Buffer Zone Requirements**

When mining activity is adjacent to a stream, a buffer zone (undisturbed area) shall be maintained between the edge of the mining activity and the highest point of the top bank of stream. The buffer zone shall not be disturbed by any mining activities. The buffer zone requirements for mining activity adjacent to streams are:

L-2(1) Intermittent Stream: 50-foot buffer zone between stream and mining activity (indicated by broken blue line on Topo map)

L-2(2) Perennial Stream: 150-foot buffer zone between stream and mining activity (indicated by solid blue line on a Topo map)

Wetlands: 50-foot buffer zone between wetlands and mining activity

All buffer zones are depicted on the site map within this SWPPP

Act 11 (Mining) Wastewater Recirculation Systems with No Discharge to Surface Waters

Condition Number	
T-1	**Eligibility**
T-1(1)	Wash operations at this facility are closed loop recirculation systems and have no discharge of wash wastewater. Wash water is transferred back to the freshwater pond by a pump or gravity flow system to be recycled for wash plant use. We will continue to use the existing wastewater pond system located in the current permit and depicted within the site map.
T-2	**Removed Substances**
	Solids, sludges, or other residuals removed in the course of treatment or control of wastewater will be disposed of as fill material within previously mined areas.
T-4	**Structural Integrity of Ponds and Wastewater System**
T-4(1)	Emergency discharge structures installed on sedimentation ponds shall be installed at least twenty-four inches above normal operating fluid level, with said discharge structure being twenty-four inches below the lowest point on top of the containment dike.
T-4(2)	Levees and any other structures must be constructed utilizing good engineering designs, standards, methodologies, and materials.
T-4(3)	Levees will be maintained in good working conditions. There should be no leaks within levees and repairs will be made immediately upon discovery of any deficiency. Levees will have adequate cover to prevent erosion.
T-4(5)	It is anticipated that there will be no levees constructed on the proposed permitted acreage.

Act 12 (Mining) Mine Dewatering

Condition Number	
S-1	**Reporting for Mine Dewatering**
	Results of monitoring should mine dewatering occur will be conducted according to the provisions within the Mining Stormwater Permit and will be submitted annually on a Discharge Monitoring Report Form through the MDEQ Net DMR system no later than the 28th day of January for the preceding year.
T-2	**Erosion and Sediment Controls for Mine Dewatering**
	APAC will make every effort to dewater any active mining area back into an existing impoundment or pond for water recycling. If dewatering into a previous impoundment or pond is not possible, all water shall be discharged through a filter fabric dewatering bag to a well vegetated or stabilized area to prevent erosion of materials and soils into surface waters prior to discharge to any site outfall. This will prevent erosion of materials and soils into surface waters. The intake of

dewatering devices should draw from the upper third of the water column to minimize solids in the discharge.

Monitoring Requirements for Mine Dewatering

If mine dewatering does occur, a grab sample of the dewatering effluent will be collected at least once every 12 months and evaluated for pH. The sample should be collected at the nearest point after discharge, but prior to mixing with any non-mine water or mixing with the receiving stream. Effluent limitations for Mine Dewatering should be between 6.0 and 9.0 SU.

R-1 **Recordkeeping Requirements for Mine Dewatering**

Recording results for each measurement or sample taken pursuant to the requirements of this permit, the coverage recipient shall retain records for a minimum of three (3) years of all information obtained from such monitoring including:

(1) The exact place, date, and time of sampling
(2) The person(s) who performed the analyses
(3) The analytical techniques, procedures, or methods
(4) The results of all required analyses

Act 13 (Mining) Personnel Training Requirements

Condition Number

S-1 **Training Documentation**

Employee training will be documented as required by the Mining Stormwater General Permit and retained at the mining site for a period of three (3) years.

S-2 **Training program Requirements**

APAC-Mississippi, Inc. will properly train personnel responsible for implementing and complying with the requirements of the Mining Storm Water General Permit and this SWPPP. Periodic refresher training will take place at the mine site.

Act 14 (Mine) Termination of Coverage

Condition Number

S-1 **Permit Termination of Coverage**

Mining Storm Water General Permit coverage will be terminated only after mining activities have permanently stopped, vegetation has been successfully established, and any permanent controls are stable. Inspections must continue until such time the coverage recipient has received written notice of coverage termination by MDEQ. To request termination, a completed Request for Termination (RFT) of Coverage Form and a copy of the Permit Board Order, authorizing 90% of final release of the mining performance bond shall be submitted to DEQ.

DESCRIPTION OF EXPOSED SIGNIFICANT MATERIAL

Worksheet #2

Instructions: Describe the significant materials that were exposed to stormwater during the past three (3) years and/or is currently exposed.

Description of Exposed Significant Material	Period of Exposure	Quantity Exposed (Units)	Location (as indicated on the site map)	Method Storage /Disposal (e.g. pile, drum, tank)	Description of Material Management Practice (e.g. pile covered, drum sealed)
Miscellaneous Oils	3 years	100 gallons	Covered Storage	Tank	SPCC Plan & Monthly Inspections
Active Mining Area	3 years	8 acres	Area Stripped		Earthen Berms, Brush Barriers, Sediment Traps, Rock Checks, monthly Inspections

Existing and Proposed BMPs

Worksheet #3

Instructions: List all identified actual and potential storm water pollution sources and describe existing management proposed BMPs with implementation schedule

Potential Pollution Source	Existing BMPs	Proposed BMPs	Implementation Schedule
Miscellaneous Oils within equipment for mining operations	• Oil absorbents • SPCC Plan and Procedures • Monthly Inspections • Good Housekeeping	• As deemed necessary found through monthly inspections • Annual Employee Training	• As necessary • Employee training is continuous
Active Mining Area (Clearing/Grubbing/Stripping)	• Brush Barrier • Rock Check Dams • Sediment Traps • Monthly Inspections	• As deemed necessary found through monthly inspections • Employee Training	• As necessary • Employee Training

LIST OF SIGNIFICANT SPILLS AND LEAKS

Directions: Record below all significant spills and significant leaks of toxic or hazardous pollutants that have occurred at the facility in the three (3) years prior to coverage of the permit.

Worksheet #4

			Description	Response Procedure		
					Material Exposed to	
Date	Spill or	Location	Type of	Amount of	Stormwater	Preventive Measures
Mo/Day/Yr	Leak		Material	Material Recovered	(Y/N)	Taken

NON-STORMWATER DISCHARGE EVALUATION/ILLICIT CONNECTIONS CERTIFICATION

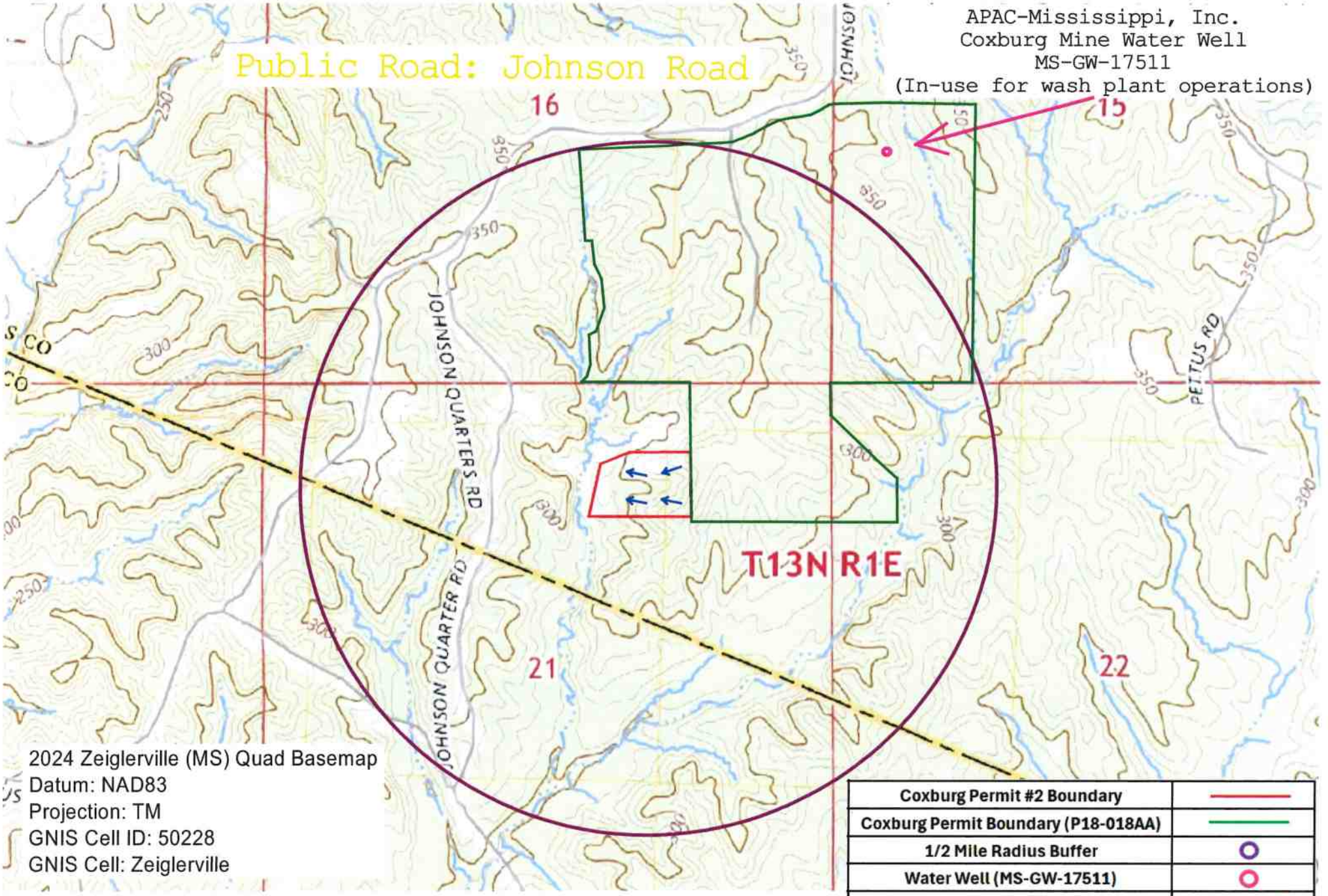
Worksheet #5

Outfall Number	Date of Evaluation	Method used to Test or Evaluate Discharge	If Evaluation is Impossible Give Reason	Is Non-Stormwater being discharged (yes/no)	List likely sources of Non-Stormwater Discharges	Person(s) Who Conducted the Test or Evaluation
1	10/29/2026	Visual Inspection		No		Patrick Dunkle
2	10/29/2026	Visual Inspection		No		Patrick Dunkle
3	10/29/2026	Visual Inspection		No		Patrick Dunkle

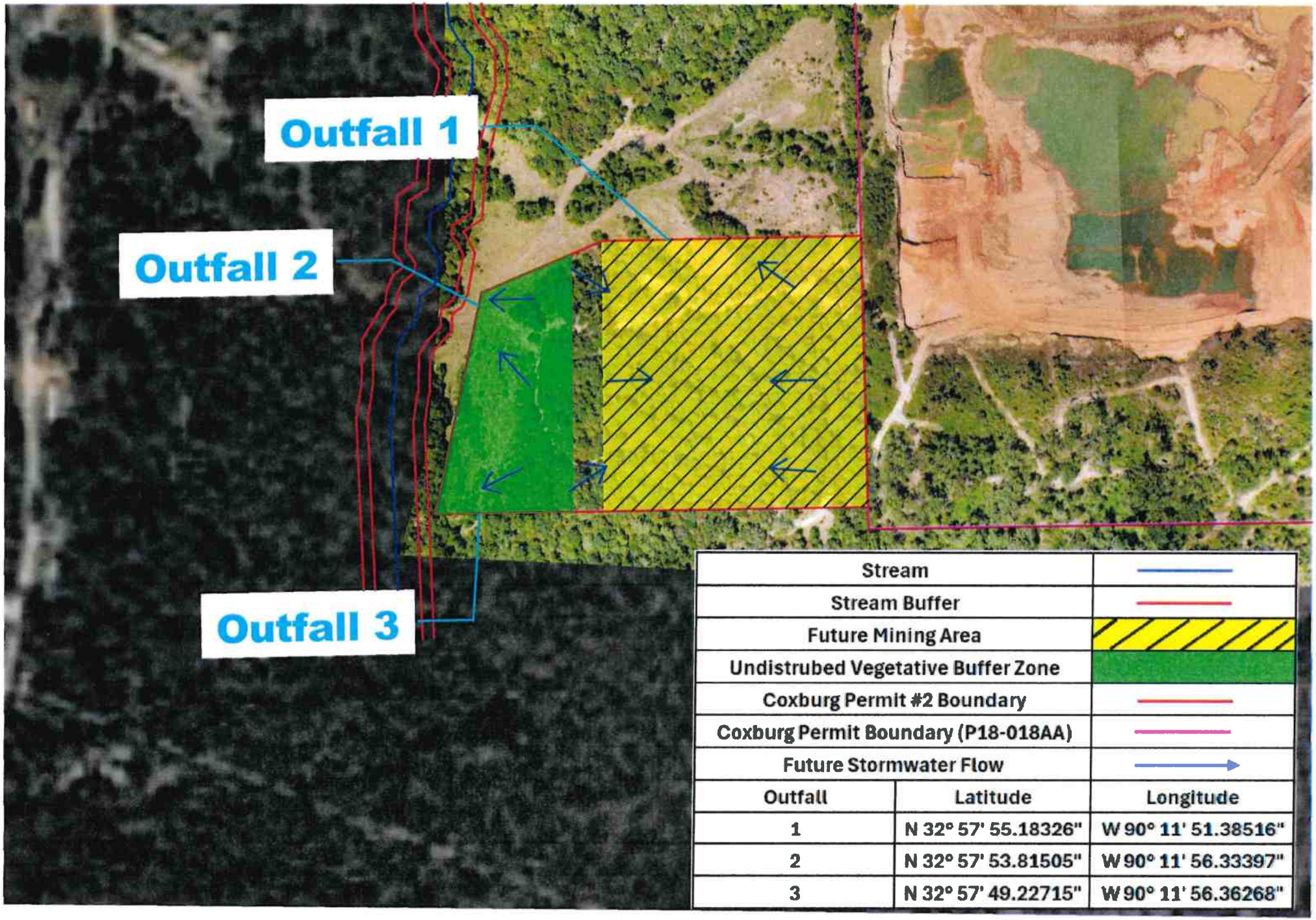
CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS, TO THE BEST OF MY KNOWLEDGE AND BELIEF IS TRUE, ACCURATE AND COMPLETE

A. Name & Official Title (type or print)	B. Area Code and Telephone Number
Brian Moore Environmental Manager	(601) 376-4000
C. Signature Brian Moore	D. Date Signed 11/5/26



apac A CRH COMPANY	0 — 1814 — 3627 ft	APAC-Mississippi, Inc. Coxburg Mine #2	N	Description: This map depicts Coxburg Permit #2 Boundary, surface flow patterns, and water well locations within 1/2 mile radius.	Print Date: 10/22/2026



Stream	
Stream Buffer	
Future Mining Area	
Undistrubed Vegetative Buffer Zone	
Coxburg Permit #2 Boundary	
Coxburg Permit Boundary (P18-018AA)	
Future Stormwater Flow	

Outfall	Latitude	Longitude
1	N 32° 57' 55.18326"	W 90° 11' 51.38516"
2	N 32° 57' 53.81505"	W 90° 11' 56.33397"
3	N 32° 57' 49.22715"	W 90° 11' 56.36268"

apac
A CRH COMPANY

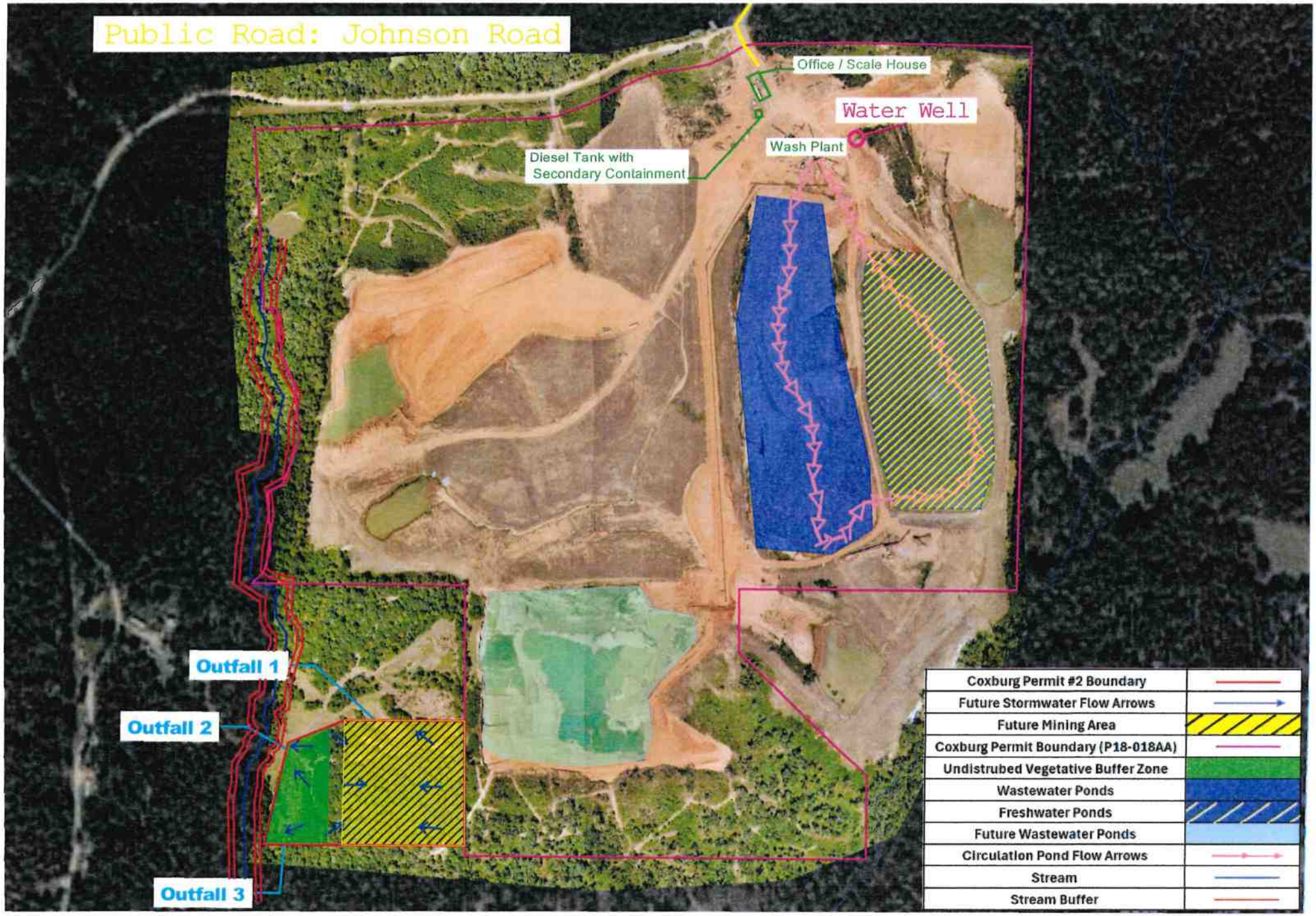
0 427 854 ft

APAC-Mississippi, Inc.
Coxburg Mine #2

N

Description: This map depicts Coxburg Permit #2 Boundary future flow patterns, parcel boundaries, outfalls, future mining area, and the current surface mining permit boundary at Coxburg: Permit # (P18-018AA)

Print Date: 11/5/2026



apac A CRH COMPANY

0 909 1818 ft

APAC-Mississippi, Inc.
Coxburg Mine #2

N

Description: This map depicts the general site plan for the Coxburg Permit #2 flow patterns, future mining area, ponds, wash plant, outfalls, tanks,and the current surface mining permit boundary at Coxburg:
Permit # (P18-018AA)

Print Date: 11/5/2026