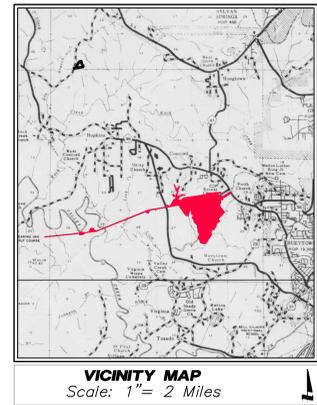


PERMIT AREA
Scale: 1" = 500'
Contour Interval = 20'

BASE MAP TAKEN FROM THE CONCORD, ALABAMA, U.S.G.S. 7.5 MINUTE QUADRANGLE.



VICINITY MAP
Scale: 1" = 2 Miles

- LEGEND**
- A Reclamation Cross Section
 - Permit Boundary
 - Surface Contour
 - Sediment Basin
 - Natural Drainage Course
 - Drainage Divide
 - Land Slope Measurement
 - Surface Ownership Line other than Forty Line
 - Increment Boundary Line
 - Previously Disturbed Area
 - Flow Arrow
 - Diversion Ditch
 - Occupied Dwelling (Barn, Shed, ect.)
 - Haul Road
 - County Road (Paved unless otherwise designated)
 - Road (Private unless otherwise shown)
 - Ancillary Road
 - (M) Indicates Mineral Ownership
 - (S) Indicates Surface Ownership
 - (MS) Indicates Both Surface and Mineral Ownership
 - Private Pond
 - Silt Fencing
 - Injection/Withdrawal Well
 - Pipeline
 - SBZ- Stream Buffer Zone - 100' Setback

- NOTES**
- All Buildings Within 1000' of Permit Area Are Shown
 - All Area Within And Contiguous To The Permit Area Is Owned In Fee Simple By U.S. Steel Mining Co., LLC. Unless Shown Otherwise
 - USX Represents U.S. Steel Corporation.

R-18 BOND LEGEND

Increment No. 1	755 Acres.
Sludge Drying Beds & Sewage Treatment Lagoons	9 Acres.
Primary Roads	78 Acres.
Sediment Basins and Diversions	46 Acres.
Slurry Impoundments	26 Acres.
Coarse Refuse Disposal Areas	252 Acres.
Coal Storage, Prep Plant, Conveyor Belts, Pipeline Crossing & Support Areas	344 Acres.
Increment No. 2	72 Acres.
Coarse Refuse Disposal Area	42 Acres.
Support Area	30 Acres.
Total Permitted Area	827 Acres.

POST R-19 BOND LEGEND

Increment No. 1	786 Acres.
Sludge Drying Beds & Sewage Treatment Lagoons	9 Acres.
Primary Roads	78 Acres.
Sediment Basins and Diversions	46 Acres.
Slurry Impoundments	26 Acres.
Coarse Refuse Disposal Areas	252 Acres.
Coal Storage, Prep Plant, Conveyor Belts, Pipeline Crossing & Support Areas	344 Acres.
Injection Well Pads	31 Acres.
Increment No. 2	72 Acres.
Coarse Refuse Disposal Area	42 Acres.
Support Area	30 Acres.
Total Permitted Area	858 Acres.

- NATURE OF REVISION R-1**
- 1.) Revise General Drainage Plan To Add Ponds 012 and 013, Access Roads and Drainage, 3 Acres Total.
 - 2.) Revise Permit Map To Correct Apparent Previous Error in Mapping The Location Of Overland Conveyor.
- NATURE OF REVISION R-2**
- 1.) Modify Slurry Ponds "A" and "B".
- NATURE OF REVISION R-3**
- 1.) Change Operation Plan To Include Underground Injection Of Washer Effluent Into The Abandoned Concord Underflow Mine.
 - 2.) Add 13.0 New Acres To Permit Area (located in Section 22, Township 18 South, Range 5 West, Jefferson Co., AL.) to Increment No. 1 For Injection and Withdrawal Wells, and Access Road.
- NATURE OF REVISION R-4**
- 1.) Add Ponds 014, 015, 016, 017, 018, Access and Drainage (no acreage change).
 - 2.) Modify Existing Coal Processing Waste Dam and Embankment.
- NATURE OF REVISION R-5**
- 1.) Area Added To Permit For Coal Stockpiles, Storage Areas, and Access Road 36 Acres.

- NATURE OF REVISION R-6**
- 1.) Undisturbed Area Deleted from Permit, 18 Acres.
 - 2.) Area Added To Permit, 18 ACRES
 - 3.) Request for Exemption of Rule 880-X-100-.13(3) with Regard to Borrow Area and Scale Area.
 - 4.) Update Drainage Control Plan with Regard to Basins 016, 017, and 018.
- NATURE OF REVISION R-7**
- 1.) Modify Detailed Design of Basin 18.
- NATURE OF REVISION R-8**
- Transfer 78 Acres from Increment No. 1 to create new Increment No. 2, Area Designated as Permit Area not to be Redisturbed.
 - Area added on Site for Non-Coal waste disposal area. (No Acreage change.)
 - Area added to Permit for construction of Waterline, Drainage Courses, and Pump Intake Site, 1 Acre.
 - Update Drainage Control plan through the deletion of Basins 015 and 016, Re-creation of Basin 014, and the request of Exemption of rule 880-X-100-.13(3) with regard to the area designated as Permit Area not to be Redisturbed.

- NATURE OF REVISION R-9**
- Area Added to Increment No. 1 for Conveyor Support Area and Access, 10.0 Acres.
 - Area transferred from Increment No. 2 to Increment No. 1 for Borrow Cover Material, 4 Acres.
 - The request of Exemption of rule 880-X-100-.13(3) with regard to the area added as Conveyor Support Area located in the NE 1/4 of SE 1/4 of Section 30.
- NATURE OF REVISION R-10**
- Area Added to Increment No. 1 for Injection Well Sites, Pipeline Corridor, and Access, 2.0 Acres.
- NATURE OF REVISION R-11**
- Area Added to Increment No. 1 for Borrow Area, 23 Acres.

- NATURE OF REVISION R-12**
- Area Added to Increment No. 1 for Injection/Withdrawal Well Sites, Pipeline Corridor, and Access 13.0 Acres.
- NATURE OF REVISION R-15**
- Area Added to Increment No. 1, 2.0 Acres, 1.0 Acre For Overland Conveyor and Belt Drive House Support Area, 1.0 Acre for Ancillary Roads and 1.0 Acre for borrow area for the maintenance of the embankment of Concord Water Impoundment.
 - Request to Expand Coarse Refuse Disposal Area, No Acreage Change. The Expansion will include Basin 019 (New Diked Slurry Impoundment)
 - Request to abandon Basin 019 (New Dike Slurry Impoundment) by its Billing through the expansion of Coarse Refuse Disposal Area.
 - Request for exemption of Rule 880-X-100-.13(3) for an area within the NE 1/4 of the NE 1/4 of Section 27 and the NE 1/4 of the NW 1/4 and the NW 1/4 of the NE 1/4 of Section 28, all within Township 18 South, Range 5 West, Jefferson County, Alabama.

- NATURE OF REVISION R-16**
- Request to add 2.0 Acres for Ancillary Road(s) to Increment No. 1.
- NATURE OF REVISION R-17**
- Request to add 2 acres to Increment No. 1 for a Pipeline Crossing.
 - The request of Exemption of Rule 880-X-100-.13(3) for the Pipeline Crossing added by this Revision.
- NATURE OF REVISION R-18**
- Request to update the Operations Plan to include a Modification to the Coarse Refuse Disposal Plan.
 - Submit the Detailed Design Plans for the Modification of the Coarse Refuse Disposal Plan.
 - The eastern expansion of the Coarse Refuse Disposal Plan included in the Detailed Design Plans will be addressed in a subsequent revision.
 - No Acreage Change.
- NATURE OF REVISION R-19**
- Area Added to Increment No. 1, 31.0 Acres, For Injection & Withdrawal Wells and Access Roads.

- NATURE OF REVISION R-20**
- Request to update Operations Plan to include a Modification to the Coarse Refuse Disposal Plan and Slurry Impoundment No. 3 which is contained within the Coarse Refuse Area.
 - Submit the Detailed Design Plans for the modification of the Coarse Refuse Disposal Area and Slurry Impoundment No. 3.
 - No acreage change.

I, Leslie G. Stephens, a Registered Professional Engineer and Land Surveyor, hereby certify the foregoing to be a true and correct map to the best of my knowledge, information, and belief.

Leslie G. Stephens, P.L.S. & P.E. Date

REVISIONS

NO.	DATE	NATURE OF REVISION
1		
2		
3		
4		
5		
6		

PERMIT AND VICINITY MAP
OAK GROVE RESOURCES, LLC
CONCORD PREPARATION PLANT
REVISION R-20 / P-3233
SECTIONS 21, 22, 23, 24, 26, 27, 28, 29, 30 & 34
TOWNSHIP 18 SOUTH, RANGE 5 WEST
SECTION 25, TOWNSHIP 18 SOUTH, RANGE 6 WEST
JEFFERSON COUNTY, ALABAMA
SHEET 2 OF 2

PERC
ENGINEERING CO., INC.
1606 Hwy. 78 West Jasper, AL 35501/P.O. Box 1712-35502
(205) 384-5653 Office (205) 295-3114 Fax



OCCPPMR19.DWG

Initial Map Date: September 13, 2013