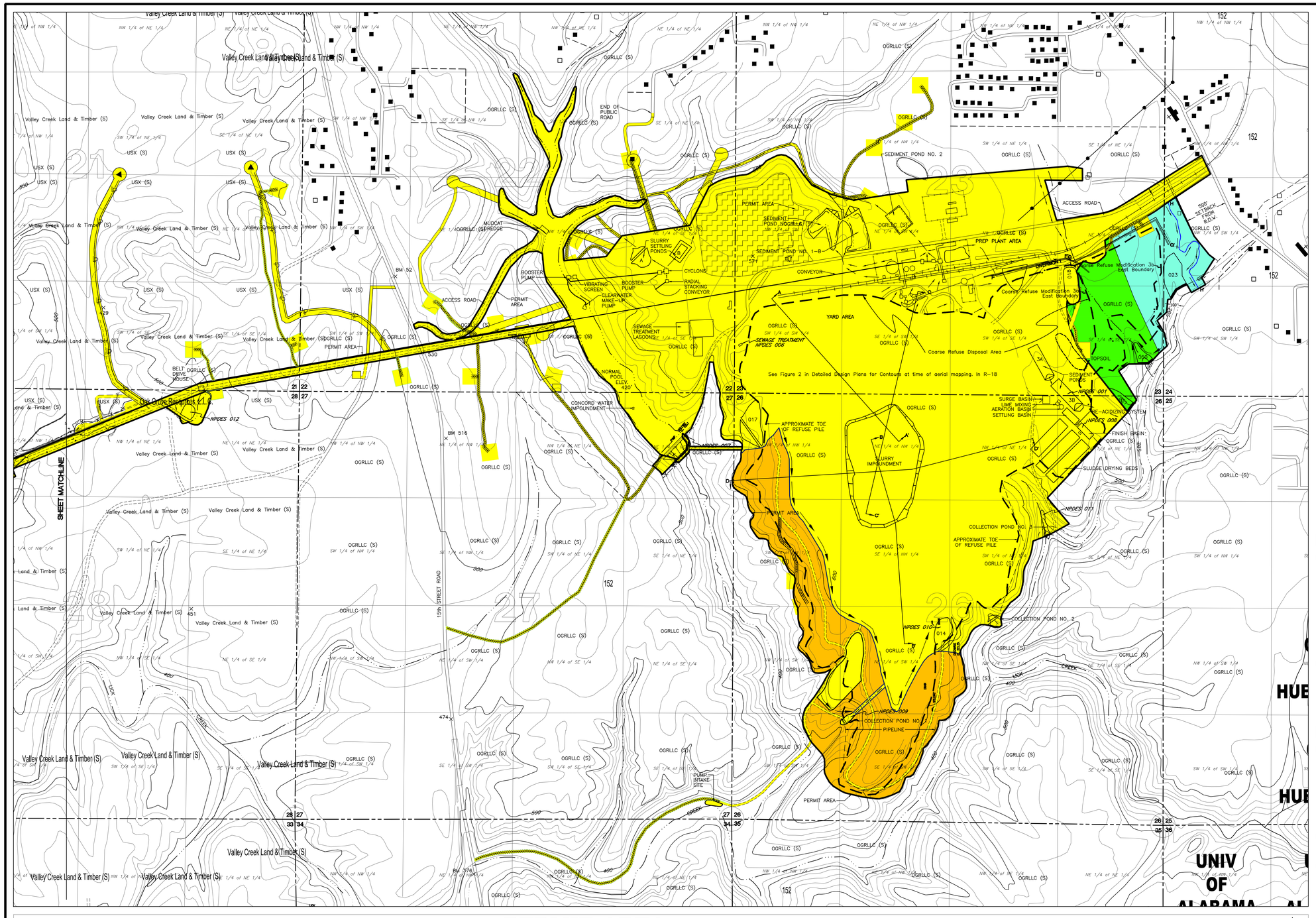
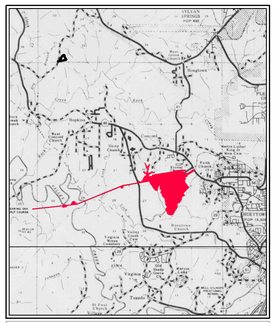


PERMIT AREA

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—A' Reclamation Cross Section
- Permit Boundary
- 600 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
- Unoccupied Dwelling (Barn, Shed, ect.)
- Haul Road
- County Road (Paved unless otherwise designated)
- Road (Private unless otherwise shown)
- Ancillary Road
- (w) Indicates Mineral Ownership
- (s) Indicates Surface Ownership
- (wx) 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
- OGRLLC (S) Represents Oak Grove Resources LLC. surface owner.

R-21 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.

POST R-22 BOND LEGEND

Increment No. 1	811 Acres.
Primary Roads	78 Acres.
Sediment Basins and Diversions	48 Acres.
Slurry Impoundments	26 Acres.
Coarse Refuse Disposal Areas	284 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.
Increment No. 3	24 Acres.
Basin 023	2 Acres.
Coarse Refuse Disposal Area 3b	10 Acres.
Borrow pit, Cover Stockpile, Diversion G–G' & Bypass H–H'	12 Acres.
Total Permitted Area	907 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 Underground 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
12 Incidental Acres.
1 Access Road Acre.
3.) Request for Exemption of Rule 880–X–10D–.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 76 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 Course, and Pump Intake Site, 1 Acre.

– Update Drainage Control plan through the deletion of Basins 015 and 016, Re–evaluation of Basin 014, and the request of Exemption of rule 880–X–10D–.13(3) with regard to the are 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–10D–.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 12.0 Acres.

– Request to update Drainage Control Plan to utilize a combination of Silt Fencing and Hay Dams through the exemption of Rule 880–X–10D– .13 (3) for Injection/Withdrawal well sites added by this revision.
– Update Surface Ownership on Permit Map in parts of Sections 20, 21, 22, 27, 28, 29, Township 18 South, Range 5 West, Jefferson Co., AL.

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 filling through the expansion of Coarse Refuse Disposal Area.
– Request for exemption of Rule 880–X–10C–.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 26, 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–10D–.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 Coal Refuse Disposal Plan.
– Submit the Detailed Design Plans for the Modification of the Coal 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.

NATURE OF REVISION R-21

– Request to update Operations Plan to include a Modification to the Coarse Refuse Disposal Plan
– Submit the Detailed Design Plans for modifications of the Coarse Refuse Disposal Area.
– Request to update the Drainage Control Plan by adding Diversion Ditch F–F' and Modify Basin 018E.
– Submit the Detailed Design Plans for Diversion Ditch F–F' and the Re–evaluation/Modification Plans for Basin 018E.
– No Acreage Change.

NATURE OF REVISION R-22

– Add 25 Acres to Increment No.1 for Coarse Refuse Disposal Area Expansion 3a, Basins 050 & 051 Construction, Diversion 1 Construction, Borrow pit and Cover Material Stockpiles.
– Create Increment No.3 for the construction of Basin 023, Diversions G–G' & Bypass Diversion H–H'. Cover Material will be excavated West of Bypass Diversion H–H' and stockpiled within the Permit Boundary & the Watershed of a certified Basin West of Bypass Diversion H–H' and Coarse Refuse Disposal Area Modification 3b.
– Request to update the Operations Plan to include a Modification to the Coarse Refuse Disposal Area Plan.
– Submit the Detailed Design Plans for the modification of the Coarse Refuse Disposal Area 3a.
– Request to update the Drainage Control Plan by adding Diversion Ditch 1, Diversion Ditch G–G', Bypass Diversion H–H', Basin 023 Basin 050 and Basin 051.
– Submit Detailed Design Plans for Basin 050, Basin 051 and Diversion Ditch 1.
– Submit Detailed Design Plans for Basin 023, Diversion Ditch G–G', Bypass Diversion H–H' and Coarse Refuse Disposal Area Modification 3b prior to Bonding of Increment No. 3.
– Delete Basin 018 upon construction and certification of Basin 051 to the Regulatory Authority.
– Update the Ownership on the Permit Map and in Part I.

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.
AL Reg. No. 14117–E

Date

PERC ENGINEERING CO., INC.
1606 Hwy. 78 West Jasper, AL 35501/P.O. Box 1712–35502
(205) 384–5553 Office (205) 295–3114 Fax

REVISIONS

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

Initial Map Date: September 13, 2013

OGCPPMR19.DWG

PERMIT AND VICINITY MAP
OAK GROVE RESOURCES, LLC
CONCORD PREPARATION PLANT
REVISION R-22 / 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