NORTH

TO THE TOWN OF ANDREWS

±371.3' TO THE INTERSECTION OF TAD ROAD AND SEABOARD ROAD

SEABOARD ROAD 66'R/W

BUFFER ALONG MURRAY SWAMP EXTENDS TO EITHER THE +35' MSL CONTOUR OR 75' WIDE, WHICHEVER IS GREATER

MURRAY SWAMP WETLAND BUFFER IS 75'

BUFFER

SEDIMENT RETENTION & WATER STORAGE

PMW-1

JUMPIN RUN ROAD (DIRT RD.)

APPROXIMATE LOCATION OF CONVEYOR

PROCESS PLANT WETLANDS BUFFER

OFFICE AND SCALES

ENTRANCE LOCATION

ACCESS ROAD

BUFFER

SANTEE COOPER TRANSMISSION LINE 100' RIGHT OF WAY

EXISTING ROAD

PMW-8

PMW-9

JR VEGETATIVE FILTER

50' WETLANDS BUFFER (TYPICAL)

HAUL ROUTE

PRIMARY CRUSHER

BERM 9

SHOP AND EQUIPMENT STORAGE

50'JR PROPERTY LINE BUFFER

MINE PERMIT BOUNDARY

PMW-7

JR BERM 7

50' WETLANDS BUFFER (TYPICAL)

SEG 8
45.5 AC.

SEG 9
38.5 AC.

TOP OF ROCK (LIMIT OF BLASTING)

TOP OF CUT

JR VEGETATIVE FILTER

HAUL ROUTE

JR BERM 8

SEG 10
31.4 AC.

JR BERM 6

JR BERM 5

50'JR PROPERTY LINE BUFFER

TOP OF CUT

TOP OF ROCK

JUMPIN RUN ROAD

EXISTING ROAD

SINKHOLE POND 1 MONOTORING

SINKHOLE POND 5 MONOTORING

50'JR PROPERTY LINE BUFFER

FUTURE MINE DISTURBANCE AREA

PMW-2

HAUL ROUTE

BUFFER ALONG MURRAY SWAMP EXTENDS TO EITHER THE +35' MSL CONTOUR OR 75' WIDE, WHICHEVER IS GREATER

APPROXIMATE LOCATION OF PIPE CARRYING GROUND WATER FROM PUMP STATION TO SEDIMENT RETENTION & WATER STORAGE

BERM 3

SEG 5
45.0 AC.

SMWS-100

MINE PERMIT BOUNDARY

50' WETLANDS BUFFER (TYPICAL)

50' PROPERTY LINE BUFFER

VEGETATIVE FILTER (TYPICAL)

SEG 3
37.9 AC.

HAUL ROUTE

50' WETLANDS BUFFER (TYPICAL)

BERM 1

PMW-3

50' EASEMENT

50' PROPERTY LINE BUFFER

WHEELER RD. 66' R/W

50' WETLANDS BUFFER (TYPICAL)

SEG 6
53.2 AC.

SEG 4
45.2 AC.

SMWS-101

50' WETLANDS (TYPICAL)

SEG 2
45.2 AC.

ARCHAEOLOGICAL SITE 38WG185

MINIMUM 50' BUFFER FOR ARCHAEOLOGICAL SITE

SEG 1
19.9 AC.

BERM 2

50' WETLANDS BUFFER (TYPICAL)

50' WETLANDS BUFFER (TYPICAL

EXISTING ROAD

PMW-6

BERM 4

50' POWER LINE BUFFER

SEG 7
57.0 AC.

SMWS-102

PMW-5

SANTEE COOPER TRANSMISSION LINE 100' RIGHT OF WAY

VEGETATIVE FILTER (TYPICAL)

50' WETLANDS BUFFER (TYPICAL

EXISTING ROAD

50' PROPERTY LINE BUFFER

MINE PERMIT BOUNDARY

PMW-4

TOP OF CUT

TOP OF ROCK (LIMIT OF BLASTING)

30' ACCESS EASEMENT

OVERBURDEN (TYPICAL)

TERRY ROAD (DIRT ROAD)

LEGEND

AFFECTED AREAS (LAND DISTURBED BY MINE ACTIVITY)

- PIT, PROCESS PLANT, HAUL ROADS & SHOP
- BERMS
- VEGETATIVE FILTERS
- WETLANDS TO BE MINED
- WETLAND ID NUMBER (2)

BUFFERS (PROTECTED LAND)

- PROPERTY BUFFERS
- ARCHAEOLOGICAL SITE
- PROTECTED WETLAND BUFFERS
- PROTECTED WETLANDS (6)
- SEDIMENT RETENTION & WATER STORAGE
- PERIMETER MONITORING WELL STATION — PMW-1
- SINKHOLE MONITORING WELL STATION — SMWS-100

GRAPHIC SCALE

400 0 200 400 800 1600

(IN FEET)
1 inch = 400 ft.

REVISIONS

	Description	Date	By
1	ADD BUFFER TO WETLAND 28; MINING WILL AVOID	7/30/17	BC
2	LOCATE, AVOID AND BUFFER JUMPIN RUN ROAD	9/08/17	BC
3	ADD PRIMARY CRUSHER AND CONVEYOR ACROSS MURRAY SWAMP	9/08/17	BC
4	INCREASE BUFFER ALONG MURRAY SWAMP; ADD MONITORING WELLS	12/05/17	BC
5	RELOCATE SWMS FOR SEGMENT 6 START UP	5/25/18	BC

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RDA, LLC
RDA Mine
Prepared for
RDA, LLC
Anderson Township, Williasburg County , South Carolina

Project No.: KCS 16-88
Date: 01-24-17
Approved by: RCK
Drawn by: B.C.
Scale: 1"=400'

Sheet No. 1 of 2