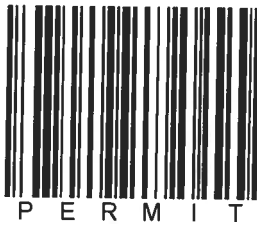


Revision



QATESTOCR

MEMORANDUM

TO: DRMS, Bestway Concrete, Project File
FROM: Civil Resources, LLC
DATE: November 10, 2014
RE: DRMS TR-2 Review Comments 2 via email November 7, 2014

- how many cubic yards of topsoil will be retained to be replaced on the north and east cells and the perimeter of the west cell - I will suggest that since the whole parcel is not yet stripped that the topsoil be replaced to a depth of no less than 6"

Approximately 20,000 cubic yards of topsoil will be required to be placed across the 25 acres of disturbance at 6-inches deep.

- where will the topsoil be stockpiled at.. I will remind you that the rule states that topsoil is considered a resource and must be segregated and maintained separately from the remainder of the overburden.

The topsoil will be placed exclusively around the north phase perimeter, there is 30,000 cubic yards of storage which will be designated for topsoil storage only. There is extra storage along the west perimeter and across the stockpile areas as shown on the east and west stockpile plans.

M 1498-013

TR 02

RICHARD & MARGARET VOGL
ACCT #: R4786386
PARCEL #: 1207360000051

RICHARD & MARGARET VOGL
ACCT #: R4786586
PARCEL #: 1207360000052

PELICAN SHORES S HOMEOWNERS ASSOCIATION
ACCT #: R3386805
PARCEL #: 120736401028

TOPSOIL STOCKPILE ONLY
(6' BERM) APPROXIMATELY
30,000 CY OF MATERIAL
STORAGE AVAILABLE

POTENTIAL LAST CHANCE DITCH
RELOCATION EASEMENT

MINING STOCKPILE
APPROXIMATELY
15,000 CY
OF MATERIAL STORAGE
AVAILABLE
(6' BERM)

MINING
LIMITS

TOM & JERRILYN LOUISE STINAR
ACCT #: R5575086
PARCEL #: 131301000016

50' PROPERTY
LINE SETBACK

WELD CO. ROAD 11.25

WEST PHASE
14AC +/-

EX. LOCATION
RURAL DITCH
RETURN

EAST
PHASE
8.7AC +/-

3H:1V

TEMPORARY
CROSSING

MINING LIMIT

FARM
STRUCTURE

SHAWN & JENNY LEE
ACCT #: R7405398
PARCEL #: 131301200053

APPROXIMATE LOCATION OF
EXIST. KERR-MCGEE
PRODUCTION FACILITY AND
WELL

GRAVEL

PAVEMENT

WELD CO. ROAD 26

PROPERTY LINE

TEMPORARY
CROSSING

EX. LAST CHANCE
IRRIGATION DITCH

75'

150'

DEWATERING
LINE

HAUL
ROUTE

TEMPORARY
CROSSING

3H:1V

20.00'

POTENTIAL RURAL DITCH RETURN

65'
MINING LIMIT
FROM FUTURE DITCH

120'
FUTURE DRAINAGEWAY
BY TOWN OF FIRESTONE

30'

RURAL DITCH



LINDA J. JAMISON
ACCT #: R0088688
PARCEL #: 131301000047



STOCKPILE NOTES:

- 1) EAST CELL GENERATES 104,000 CY OF OVERBURDEN TO BE PLACED ON WEST CELL. WEST CELL HAS AVAILABLE 119,000 CY OF STORAGE.
- 2) WEST CELL GENERATES 135,040 CY OF OVERBURDEN TO BE PLACED IN THE EAST CELL WHILE THE MINER IS MINING THE WEST CELL. THE EAST CELL REQUIRES 218,716 CY OF MATERIAL TO BE BACKFILLED 2' ABOVE GROUNDWATER LEVEL.
- 3) THE WEST CELL WILL BE MINED IN TWO PHASES AND MATERIAL CAN BE STOCKPILED ON THE NORTHERN PORTION OF THE WEST CELL WHICH IS APPROXIMATE 50,000 CY OF STORAGE. BUT THE MATERIAL WILL MORE THAN LIKELY GO DIRECTLY INTO THE EAST CELL AS STATED IN NOTE 2.
- 4) THE MINER IS GOING TO RECLAIM THE WEST CELL AS A LINED WATER STORAGE VESSEL.
- 5) THE WEST CELL LINING REQUIRES 34,000 CY (3300LF OF SLOPE LINER) OF MATERIAL AND WILL COME FROM THE OVERBURDEN MATERIAL.
- 6) APPROXIMATELY 30,000 CUBIC YARD (CY) OF MATERIAL WILL BE REQUIRED TO COMPLETE BACKFILLING THE EAST CELL & THE MATERIAL WILL COME FROM THE SOUTH STOCKPILE AREA APPROXIMATELY 3000 FEET TO THE SOUTH. SEE SHEET 4 HAUL PLAN.
- 7) IN SUMMARY THERE IS ADEQUATE MATERIAL STOCKPILE STORAGE AND MATERIAL ONSITE TO RECLAIM THE SITE.



0 100

SCALE:
1"=100'

DWG H-1998-013		BESTWAY CONCRETE & AGGREGATES	
REVISIONS		THE SHORES-BURCH PROPERTY	
NO.		FIRESTONE, COLORADO	
DESCRIPTION		MINING PLAN	
DATE		CIVIL RESOURCES, LLC	
1	TR2 - UPDATED MINING PLAN 10/26/14 ARE	DESIGNED BY: JAU	DATE: MAY 2008
		DRAWN BY: JAU	SCALE: AS NOTED
		CHECKED BY: JDO	SHEET: 1
		335 Sun Street P.O. Box 2808 Firestone, CO 80530 303 833 4416 (P) 303 833 2850 (T)	
		DWG: SHORES STABILITY 2.DWG	