30,000 35,000 40,000 45,000

-35,000 -40,000

MW-A Pond

NW-B Pond

BM-SS Pond

J27-A

J27-B

J27-RA

J27-RB

J 2 7 - R A P o n d

J 2 7 - R B P o n d

J - 2 7

J 2 7 - A P o n d

E0146

E0300

E0106

BM-TW Pond

BM-T Pond

BM-1 Pond

Black Mesa Facilities

Navajo Rte 41 Proposed Alignment

NAV3

WW-3

W W - 3 P o n d

J-27 Scoria Area

J-07 Scoria Area

J7-DAM

J 7 - D A M P o n d

Red Peak Valley Wash

T35N, R18E, Section 10
T35N, R18E, Section 15

T35N, R18E, Section 11
T35N, R18E, Section 14

T35N, R18E, Section 12
T35N, R18E, Section 13

T35N, R18E, Section 7
T35N, R18E, Section 18

T35N, R18E, Section 15
T35N, R18E, Section 22

T35N, R18E, Section 14
T35N, R18E, Section 23

T35N, R18E, Section 13
T35N, R18E, Section 24

T35N, R18E, Section 18
T35N, R18E, Section 19

T35N, R18E, Section 23
T35N, R18E, Section 26

T35N, R18E, Section 24
T35N, R18E, Section 25

Joint Use Area Tract #2

J21W-A Pond

14-20-0603-9912 Navajo (S & 1/2 C) 14-20-0650-5743 Hopi (SE C)

14-20-0650-5743 Hopi (S & 1/2 C) 14-20-0603-9912 Navajo (SE C)

Navajo/Hopi Partition Line

J-21-W

ENGINEER'S CERTIFICATION

James G. Schlenvogt
Engineering Manager
Peabody Western Coal Company

Date

MAP REVISIONS

CHK'D	DATE	DESCRIPTION
JGS	2-24-2012	LOM Mineplan
JGS/GW	12-13-2013	LOM Update

85400 NOTES:

1. SEE DRAWING NO. 85340 FOR THE MINING AFFECTED LANDS.
2. SEE DRAWING NO. 85405 FOR THE GENERAL LOCATION OF THESE STRUCTURES.
3. SEE DRAWING NO. 85460-85490 FOR THE MINE SUPPORT FACILITIES MAP.
4. SEE DRAWING NO. 93030 FOR THE LOCATION OF THE ENVIRONMENTAL MONITORING SITES.
5. SEE CHAPTERS 6-7 AND 20-26 FOR INFORMATION ON THE FACILITIES AND RECLAMATION PLAN.

"DRAINAGE DIRECTION ON FILL EMBANKMENTS ONLY APPLIES WHEN MSHA SAFETY BERM EXISTS".

"PRIMARY ROADS HAVE BEEN CONSTRUCTED OR RECONSTRUCTED AS DESIGNED AND IN ACCORDANCE WITH THE APPROVED PLAN."

Water Impoundment Features
- Existing
- Proposed (5-Year)
- Proposed (Life of Mine)
- Reclaimed
- Impoundment/SAE Watershed Boundary

Culvert Features
- Existing
- Proposed
- Culvert Watershed Boundary

Drainages and Diversions
- Major Drainage
- Road Drainage Direction
- Diversions

Other Water Features
- PWCC Water Line
- Navajo Water Well
- Sewage Facility / Lagoon

Mine Transport Features
- PWCC Conveyor
- SRP/NGS Railroad

	Interim	Permit 1E
Primary		
Ancillary		
Ramp		

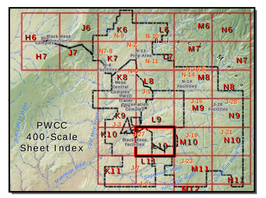
- US 160 & SR 564
- Navajo Rt 41
- Non-PWCC Road
- Alternate Route 41

BTCA Features
- Riprap Rock
- Rock Checkdam
- Silt Fence
- Straw Bales
- Berm/Sump
- Revegetated Areas
- SPCC Point Feature

Mine Area Facilities and Structures
- 1E Powerlines
- Interim Powerlines
- Non-PWCC Powerlines
- Coal Stockpile
- Scoria Pit
- Explosives Storage Facility
- PWCC Buildings and Structures
- Non-PWCC Buildings / Residences

Mining Status Data
- Future Mining
- Mined Out
- Highwall (7/6/1990)

Administrative Boundaries
- PWCC Lease/ROW Line
- AZ-0001E Permit Line
- Navajo-Hopi Partition Line
- Pre-Law Areas



Drainage Area and Facilities Map
Drawing #85400
Sheet L10

Produced by Gary Wendt
Manager Permits Southwest
Map Design by Deepsouthwest Enterprises

Friday, December 13, 2013

0 100 200 400 Feet

1 Inch = 400 Feet
10 foot interval
Indexes at 50 feet

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