15,000 20,000 25,000 30,000

-20,000 -25,000 -30,000

J2-A

J3-A

J3-B

J3-D

J3-E

J3-F

J3-G

J3-H

J - 3

J 2 - A Pond

J 3 - A Pond

J 3 - B Pond

J 3 - D Pond

J 3 - E Pond

J 3 - F Pond

J 3 - G Pond

J 3 - H Pond

WW-S Pond

C W - A Pond

Coal Mine Wash

Wild Ram Valley Wash

Moenkopi Wash

PWCC Trailer Park

Reclamation Complex

NAV5

WW-5

LF-1

LF-2

LF-3

Navajo Route 41

Navajo Rte 41 Proposed Alignment

Joint Use Area Tract #1

Silt Fence

E0311 E0312 E0128 E0143 E0214 E0215 E0180 E0181 E0217 E0182 E0183 E0107 E0108

T36N, R18E, Section 31
T35N, R18E, Section 6

T36N, R18E, Section 32
T35N, R18E, Section 5

T35N, R18E, Section 1
T35N, R18E, Section 12

T35N, R18E, Section 2
T35N, R18E, Section 11

T35N, R18E, Section 3
T35N, R18E, Section 10

T35N, R18E, Section 4
T35N, R18E, Section 9

T35N, R18E, Section 5
T35N, R18E, Section 8

T35N, R18E, Section 6
T35N, R18E, Section 7

T35N, R18E, Section 34
T36N, R18E, Section 3

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. 85360 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. 93500 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		

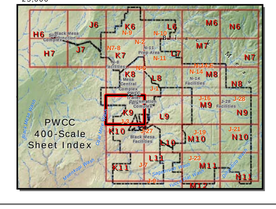
- US 160 & SR 564
- Navajo Rt 41
- Non-PWCC Road
- Alternate Route 41

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 K9

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

PEABODY WESTERN COAL COMPANY GIS

Kayenta Complex
PO Box 650
Kayenta, Arizona 86033

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