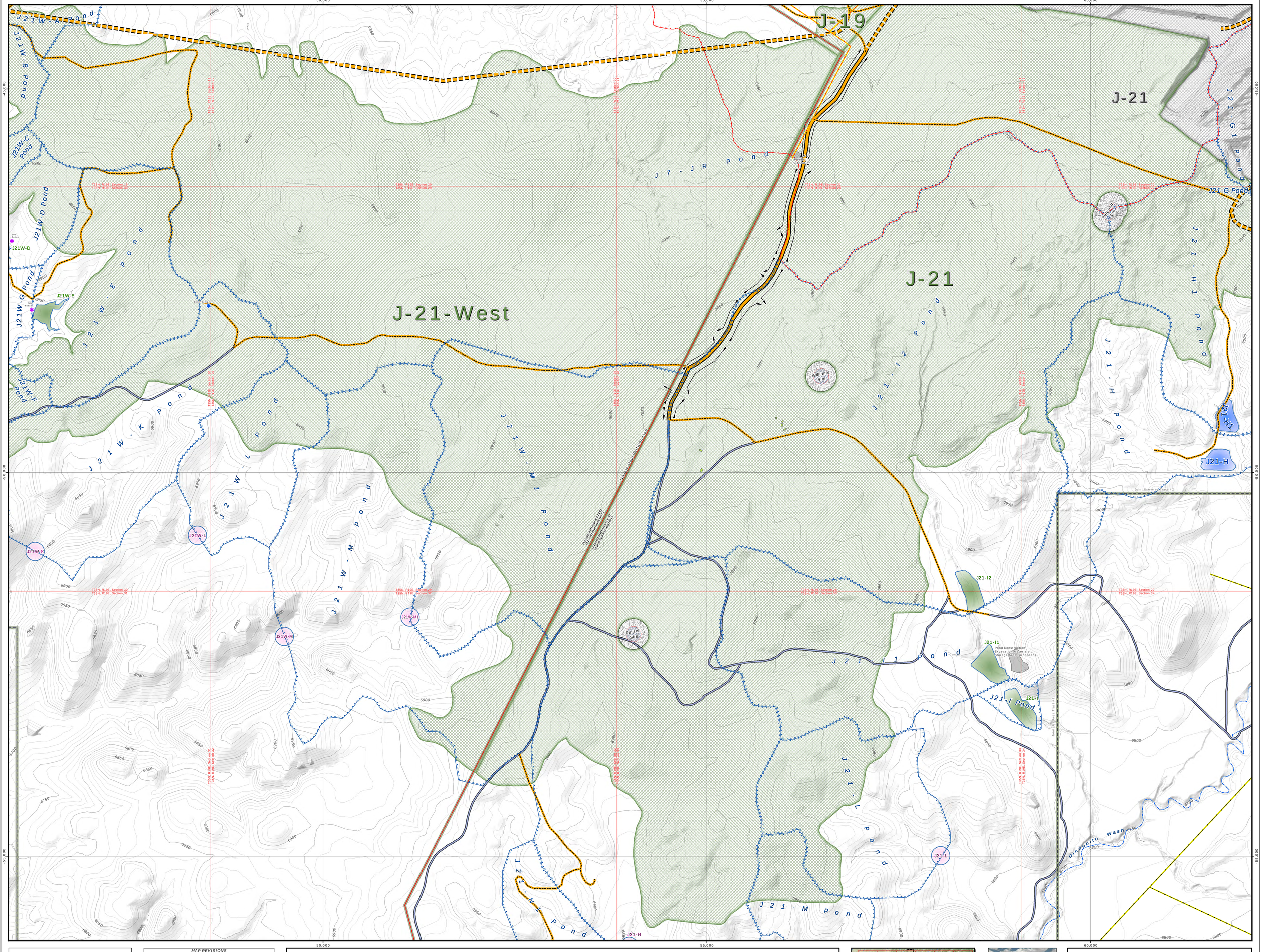


ENGINEER'S CERTIFICATION

James G. Schlenvogt
Engineering Manager
Peabody Western Coal Company

Date

MAP REVISIONS		
CHK'D	DATE	DESCRIPTION
JGS	2-24-2012	LOM Mineplan Update

85400 NOTES:

1. SEE DRAWING NO. 85300 FOR THE MINING AFFECTED LANDS.
2. SEE DRAWING NO. 85405 FOR THE GENERAL LOCATION OF THESE STRUCTURES.
3. SEE DRAWING NO. 85400-85490 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		

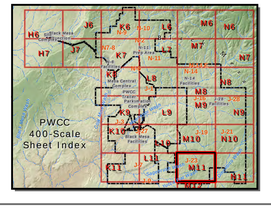
- US 160 & SR 564
- Navajo Rt 41
- Non-PWCC Road

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 M11

Produced by PWCC GIS
Monday, April 30, 2012
Map Design by Deepsouthwest Enterprises

0 100 200 400 Feet
1 inch = 400 Feet

10 foot interval
Indexes at 50 feet

PEABODY WESTERN GIS
Kayenta Complex
PO Box 650
Kayenta, Arizona 86033

P:\Projects\Permit\Drainage and Facilities 85400\Maps\Drainage and Facilities 85400 LOM.mxd