Sediment Control Structures Legend

Symbol	Structure
	Disturbed Culvert
	Undisturbed Culvert
	Drop Drain
	Dirt Berm
	Water Bar
	Sediment Trap
	Silt Fence
	Ditch
	Drainage
	Concrete Sediment Basin

ASCA LEGEND

1. SEDIMENT POND DAM & C1 CONVEYOR TO CROSS OVER
2. POWDER MAGAZINE
3. C1 CONVEYOR BELOW CROSS OVER, ALONG COUNTY ROAD, & C1–C2 BELT TRANSFER
4. C2 CONVEYOR
5. LEACH FIELD
6. C2 CONVEYOR
7. C2 CONVEYOR

DATE	REVISIONS	BY	CHK
6-22-87	ADDED CONTOUR LINES	K.L.	
8-18-87	ADDED PARKING GARAGE AND OIL STORAGE PADS	K.L.	
6-27-88	REVISED DRAINAGE AND SURFACE FACILITIES AND ADDED SOIL SAMPLE LOCATIONS.	K.L.	
6-6-89	ADDED NEW SUB-STATION AMD POWER POLES-RELOCATED ROCK DUST SILO	K.L.	
11-3-89	REVISED DRAINAGE AND SURFACE FACILITIES TO REFLECT CURRENT AS BUILT CONDITIONS.	K.L.	TJF
1-10-90	ADDED ELK CANYON ASCA .02 ACRES	K.L.	
1-19-90	ADDED AUTOMATED SECURITY GATES AT SECURITY GUARD STATION	K.L.	
5-24-90	ADDED 18" " PVC MINE DISCHARGE LINE.	K.L.	
6-5-90	ADDED TRASH BUNKER, 12"CO.CORUP INLET AND COMPRESSOR BLDG AT TIPPLE. REVISED 15" WATER AND 8" SEWER LINES.	K.L.	
10-3-90	REVISED DRAINAGE TO REFLECT CURRENT CONDITIONS	K.L.	
1-22-91	ADDED 6' ROUND AND 8'2"x5'9" ARCH PIPES BELOW SEDIMENTATION POND.	K.L.	
2-21-91	GENERAL REVISIONS AND ADDITIONS TO REFLECT CURRENT FACILITIES.	K.L.	
4-16-91	REVISED SEWER LINE LOCATION FROM WAREHOUSE ADDED CLEANOUTS	K.L.	
12-10-91	ADDED MCC BLDG AND STORAGE DOCK.	K.L.	
1-29-93	ADDED STORAGE DOCKS, STEAM CLEANER, PROPANE TANK AND 4" WATER LINE. REMOVED OLD SUB-STATION, POWER POLES AND SWITCH GEARS.	K.L.	
4-20-95	ADDED TIRE DOCK, SEDIMENTENT RETENTION BOX AND REVISED COAL SURGE BIN TO REFLECT EXISTING CONTOURS	K.L.	
10-2-95	ADDED BIN WALL AT COAL SURGE BIN AREA, AND SOIL PILE	K.L.	
4-17-96	ADDED 4" WATER LINES, FIRE HYDRANTS AND BELT SCALE PAD	K.L.	
4-24-96	ADDED RETAINING WALL AT COAL BIN, POWER POLES AND SKIMMER	K.L.	
5-31-96	REVISED DRAINAGE TO CURRENT CONDITIONS, REVISED THRUST BLOCKS	K.L.	
6-3-98	ADDED DISTURBED AREA AND USFS BOUNDARIES.	K.L.	
7-22-97	REMOVED PARTS OF AUXILLARY FAN, ADD STORAGE AREA IN ELK CAN.	K.L.	
11-12-99	ADDED INTERMEDIATE CONTOURS TO TERRACE AREAS	K.L.	
11-30-99	REVISED ELK CANYON FILL STORAGE PILE	K.L.	
12-13-99	ADDED SURFACE DRAINAGE ARROWS, WATER BARS, BERMS AND REVISED DISTURBED AREA BOUNDARY.	K.L.	
1-12-01	REVISED DISTURBED AREA BOUNDARY USING 1999 ORTHO QUAD	K.L.	
4-30-03	REVISED WATER, POWER, AND DRAINAGE LINES BEHIND WAREHOUSE	K.L.	
5-28-03	RELOCATED 3" WATER LINE BEHIND PARKING GARAGE	K.L.	
5-10-05	REMOVED AUXILLARY FAN NOTATION AT MCKINNON PORTAL, REMOVED CONCRETE PORTAL LINER, AND EXISTING BELT DRIVE, TRANSFORMERS, AND POWER POLES, ADDED MCC HOUSING, REPLACED BELT DRIVE, ADDED RETAINING WALLS, BACKFILLED MCKINNON PORTAL AND ADDED DUMPABLE SEDIMENT BOX AND RETAINING WALL AT SEDIMENT POND	K.L.	
4-16-09	REVISED AND UPDATED BERM LOCATIONS, ADDED LOADING/UNLOADING AREAS, AND ADDED SURFACE DRAINAGE ARROWS	K.L.	
6-16-10	REMOVED DIESEL FUEL TANK BEHIND THE BATHHOUSE AND THE DIESEL FUEL TANK ABOVE THE FAN. ADDED 500 GALLON GREEN DIESEL FUEL TANK AT TANK FARM	K.L.	
11-11-10	ADDED SHOP CULINARY WATER LINE	K.L.	
12-6-11	ADDED RETAINING WALL ACROSS FROM MCC BUILDING	K.L.	
3-6-2012	ADDED PROPOSED TRASH HOPPER NORTHEAST OF STORAGE DOCKS	K.L.	
3-8-2012	MOVED PROPANE TANK TO NEW LOCATION BEHIND STEAM CLEANER	K.L.	
1-2-13	UPDATED SURFACE FACILITIES AND ADDED SHEETS 2, 3, & 4 OF 4	K.L.	

F.S.S.U.P.

U.S.F.S.

WESTERN NATIONAL TRUST COMPANY, TRUSTEE

ZIONS FIRST NATIONAL BANK TRUSTEE

WESTERN NATIONAL TRUST COMPANY, TRUSTEE

PACIFICORP

PACIFICORP

DEER CREEK COAL MINE PERMIT BOUNDARY

DEER CREEK CANYON

ELK CANYON

DEER CREEK FAN

SPRING DIVERSION

UNDERGROUND SUMP

SUB-STATION

SHOP & WAREHOUSE

STORAGE SHED

PARKING GARAGE

MINE OFFICE & BATHOUSE

FUEL DOCK

DIESEL FUEL 500 GAL. (GREEN)

DIESEL FUEL 4000 GAL. (RED)

EMULSION OIL 4000 GAL.

GASOLINE 2000 GAL.

USED OIL 1000 GAL.

MAGNESIUM CHLORIDE TANK

BURIED CABLE BOX

PARKING AREA

SEPTIC TANKS

TIRE ROCK

ROCK DUST SILO

STORAGE DOCK

TRASH HOPPER

TO UPPER BENCHES

DISTURBED AREA BOUNDARY

THRUST BLOCK TYP.

RETAINING WALL

BELT SCALE PAD

48" BELT

TERRACED AREA

WASTE ROCK

TRUCK LOADOUT

WEIGH BIN

CRUSHER

TRANSFER TURRET

COAL SURGE BIN

COAL STORAGE PAD

FILL STORAGE PILE

ESCAPE TUNNEL & DRIFT

STORAGE AREA R

ASCA 1 - 1.03 ACRES

SEDIMENTATION POND

24" CMP

36" CMP

8'2" X 5'9" ARCH PIPE

TO HUNTINGTON POWER PLANT

C1 BELTLINE

LEGEND

- Deer Creek Mine Permit Boundary
- Surface Ownership Boundary
- Water Line
- Sewer Line
- Inlet
- Thrust Block
- Manhole
- Power Line
- Power Poles
- Fire Hydrant
- Fuel Line

6" TANK OVERFLOW LINE
8" MINE WATER TANK SUPPLY LINE
6" PUMP RETURN LINE
3" DIESEL FUEL LINE
1" TANK LEVEL LINE
6" PUMP SUCTION LINE
6" PUMP SUCTION LINE

RECEIVED
JAN 07 2013
DIV. OF OIL, GAS & MINING

LICENSED PROFESSIONAL ENGINEER
MARK A. REYNOLDS
5049079-2202
STATE OF UTAH

Note: This drawing Supersedes DS202E

3-9

CAD FILE NAME/DISK#: Deer Creek Mine Surface Facilities Map

ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP

DEER CREEK MINE SURFACE FACILITIES MAP

DRAWN BY:	K. LARSEN	DS1899D	
SCALE:	1" = 100'	DRAWING #:	
DATE:	JANUARY 2, 2013	SHEET 1 OF 4	REV.

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