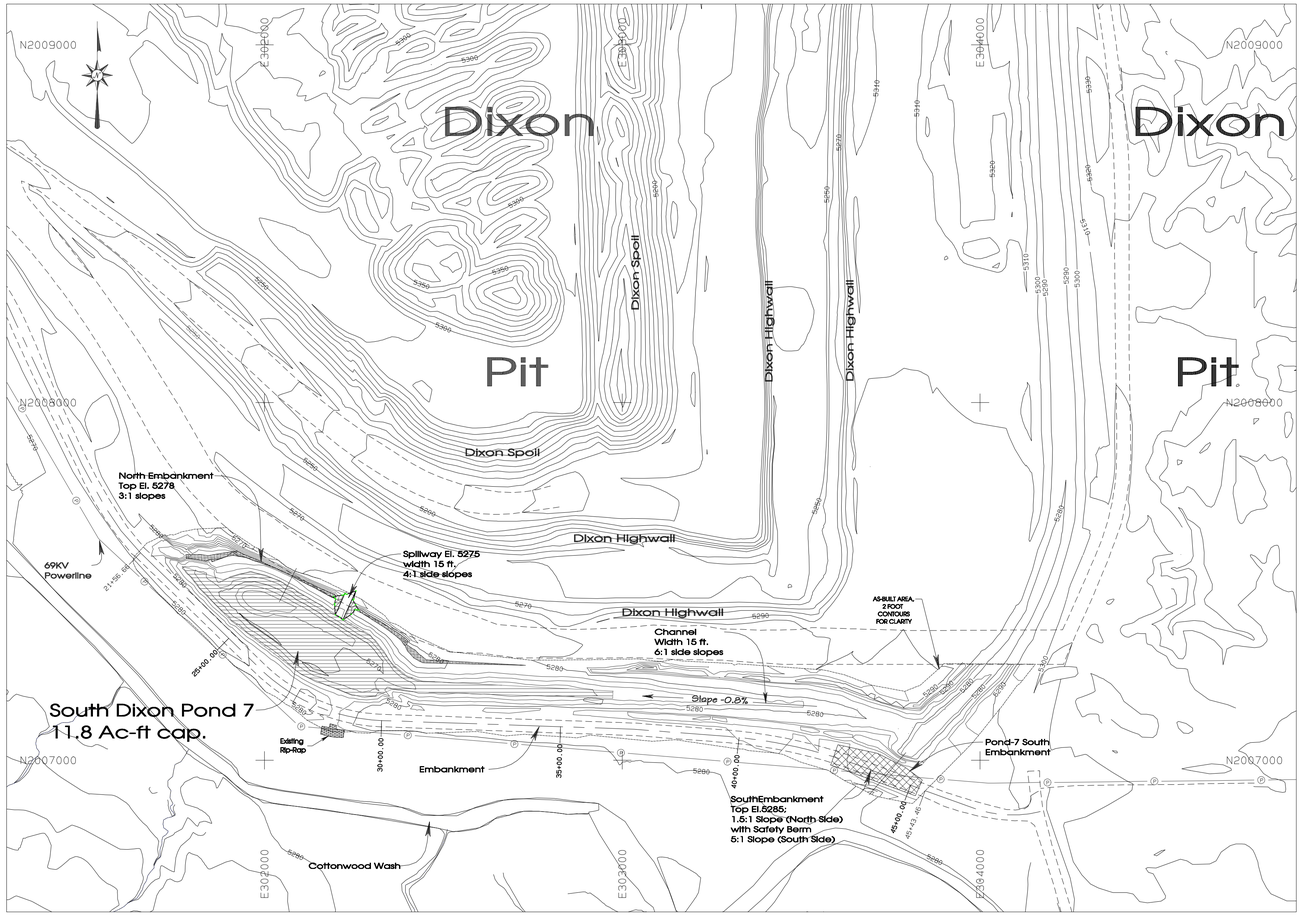


Plan View
Scale: 1"=200'

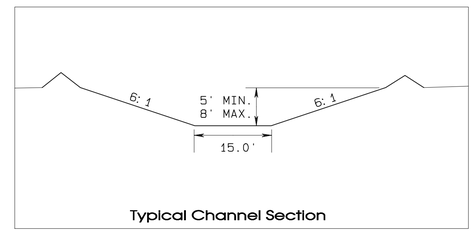
SOUTH DIXON POND 7
STAGE STORAGE DATA

ELEV feet	AREA acres	VOLUME ac-ft	CUM. VOLUME ac-ft
5265	0.04	0.00	0.00
5266	0.13	0.1	0.1
5267	0.23	0.2	0.3
5268	0.35	0.3	0.6
5269	0.56	0.5	1.0
5270	1.09	0.8	1.8
5271	1.44	1.3	3.1
5272	1.75	1.6	4.7
5273	2.17	2.0	6.7
5274	2.55	2.4	9.0
5275	2.97	2.8	11.8

As-built Volume (Ac-Ft.) 11.8
As-built Spillway Elevation 5275

LEGEND

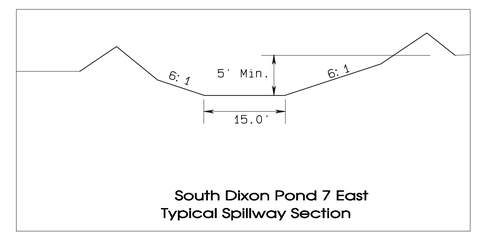
- ROAD
- WATERSHED
- BUILDING
- FENCE
- IRRIGATION LINE
- CULVERT
- DAM
- DRAINAGE
- RAILROAD
- TREES
- POWERLINE
- ×5338.5 SPOT ELEVATION
- 5300 INDEX CONTOUR
- 5298 INTERMEDIATE CONTOUR
- 218 5422.45
- L-30 LEASE CORNER
- PERMIT/LEASE BOUNDARY



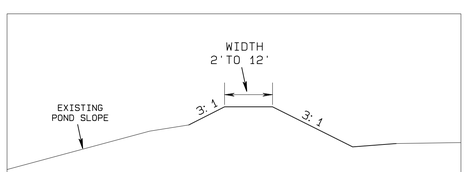
Typical Channel Section

NOTES

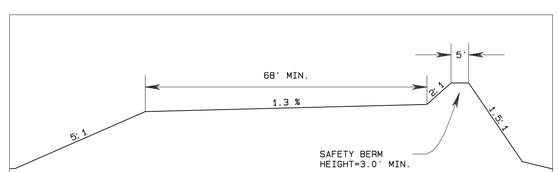
1. For hydrology and design information refer to Appendix 11-AA in the approved PAP.
2. Watershed Data is located on Exhibit 11-13E.
3. See Table 11-7 for Impoundment information.



South Dixon Pond 7 East
Typical Spillway Section

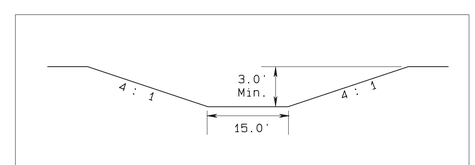


Typical Pond 7 North Embankment Section

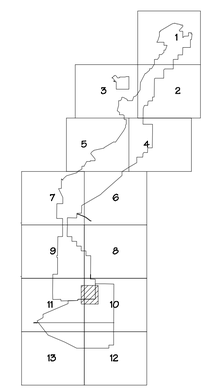


TYPICAL POND 7 SOUTH EMBANKMENT SECTION
N.T.S

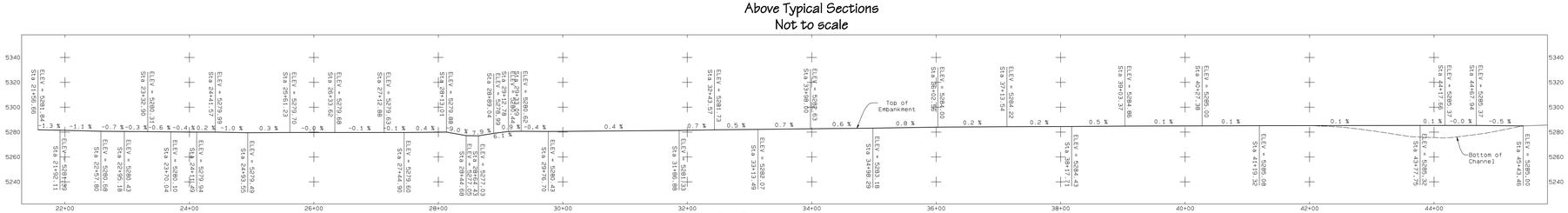
Above Typical Sections
Not to scale



South Dixon Pond 7
Typical Spillway Section



SCALE AS NOTED



Profile (Embankment)
Horizontal.: 1"=100'
Vertical: 1"=50'

CERTIFICATION STATEMENT

I, Ron C. Van Valkenburg, hereby certify that this drawing was reviewed by me and that the information shown is complete and accurate to the best of my knowledge.

RON C. VAN VALKENBURG
NEW MEXICO
9263
LICENSED PROFESSIONAL ENGINEER

REV NO	DESCRIPTION	REV BY	DATE
1	ASBUILT FOR SOUTH DIXON POND7 AND IS SUBMITTED TO OSM FOR REVIEW	RVI	06-05-09
2	ASBUILT DRAWING REVISED TO INCLUDE POND-8 AND SUBMITTED TO OSM FOR REVIEW	PJF	02-10-10

PROJECT MANAGER: FERGUSON, DORMAN
ENGR. or RECORD: RON VAN VALKENBURG
SURVR or RECORD: SMITH
RES. ND

BHP NAVAJO COAL CO.
NAVAJO MINE
PO BOX 1717, FRUITLAND, NEW MEXICO, 87416

ACCOUNT:
DATE: JUNE 5, 2009
DESIGNED BY: PJFOSTER
DRAWN BY: RHAZLE
CHECKED BY: RON VAN VALKENBURG
APPROVED BY:

PLAN, PROFILE AND SECTION

EXHIBIT 11-38A
SOUTH DIXON POND 7
AS-BUILT

DRAWING
SHEET 1 OF 1

G:\Documents and Settings\rhazle\Desktop\SouthDixon Pond 7-Plan.dwg
Thu Mar 11 07:28:58 2010