Cross-Section Diagram (Not to Scale)

12" PRIMARY SPILLWAY WITH TRASH RACK
EL. 6585.0, RISER IS 12" DIA. GALV STEEL CMP

DOWNSTREAM

15'

1% SLOPE

UPSTREAM

EMERGENCY SPILLWAY

3:1

2:1

2 EACH, 4" PERFORATIONS
EL. 6583.0'

CUT OFF COLLARS

18" GATE VALVE, EL. INVERT 6581.3'

4.5% SLOPE

18" C.M.P.

Not to Scale

PRIMARY DISCHARGE

PRIMARY SPILLWAY

EMERGENCY SPILLWAY

Scale 1" = 40'
Contour Interval = 1 Ft.

Stage Storage Curve
Streeter Pond

TOP OF STRUCTURE (6591.00)

EMERGENCY SPILLWAY (6588.00)

PRINCIPAL SPILLWAY (6585.00)

PERFORATIONS (6583.0)
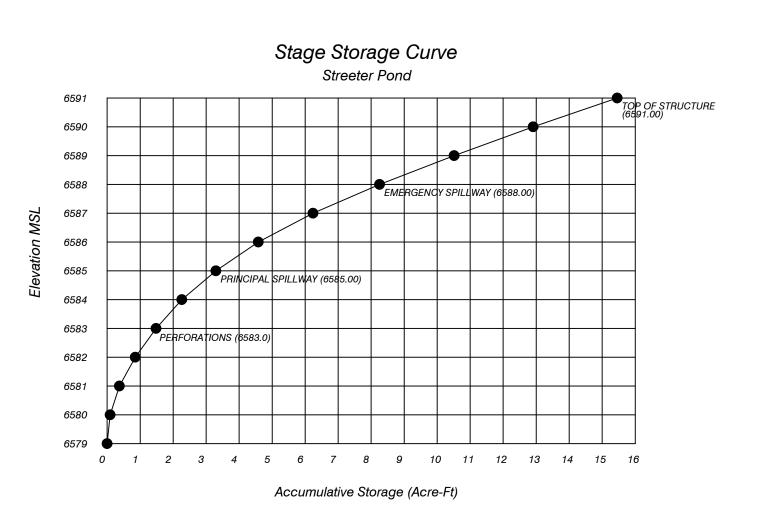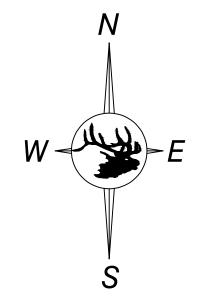
Elevation MSL

Accumulative Storage (Acre-Ft)

Storage Volume Computations

ELEV. (ft)	AREA (ac)	AVG. AREA (ac)	INTERVAL (ft)	STORAGE (ac-ft)	ACC. STORAGE (ac-ft)	STAGE INTERVAL (ft)
6579.00	0.0453					
6580.00	0.1398	0.0926	1.00	0.0926	0.0926	1.00
6581.00	0.3564	0.2481	1.00	0.2781	0.3706	2.00
6582.00	0.5602	0.4583	1.00	0.4814	0.8520	3.00
6583.00	0.6921	0.6261	1.00	0.6286	1.4806	4.00
6584.00	0.8733	0.7827	1.00	0.7834	2.2640	5.00
6585.00	1.1593	1.0163	1.00	1.0300	3.2940	6.00
6586.00	1.3975	1.2784	1.00	1.2867	4.5807	7.00
6587.00	1.8764	1.6369	1.00	1.6567	6.2374	8.00
6588.00	2.1203	1.9983	1.00	2.0171	8.2545	9.00
6589.00	2.3244	2.2223	1.00	2.2615	10.5160	10.00
6590.00	2.4649	2.3947	1.00	2.3952	12.9112	11.00
6591.00	2.6070	2.5360	1.00	2.5440	15.4552	12.00

N
W E
S

Title Block

Streeter Pond
As-Built

COLOWYO COAL COMPANY
Coal-People-Production-Safety

Colowyo Coal Company
5731 State Highway 13
Meeker, Colorado 81641

SCALE:	As Shown
DATE:	11/11/20
DRWG. BY:	Tony
APPROVED BY:	BC

DRWG NO.

Figure Exh. 7-14SP-1

No.	REVISION	DATE	BY	CHK
TR-145	Revised As-Built from 2020 Survey	1/20/21	Tony	BC