Culvert Number	10- 24 Hour Peak Discharge (CFS)	Minimum Diameter Inches[(1)](As-built Inches)	Comments
73	8.75	24	TR-60 12/11
74	8.75	24	TR-60 12/11
75[(8)]**	52.05	42	TR- 62 01/12
76[(8)]**	52.05	42	TR- 62 01/12
77	1.75	12	TR- 66 05/12
77A[(8)]**	1.75	12	TR- 66 05/12
78	1.75	12	TR- 66 05/12
79	39.74	36	TR- 64 04/12
80	28.01	36	TR- 64 04/12
RDA-A	4.16	12	TR- 66 05/12
RDA-B	1.86	12	TR- 66 05/12
81	13.90[(7)]	30	TR- 66 08/12
82	17.78	30	TR- 65 06/12
83[(8)]**	7.02	18	TR- 65 06/12
84[(8)]**	7.02	18	TR- 65 06/12
85	30.51	36	TR- 65 07/12- On DOW Land
88 RDA			
89 PR		120	(Pre-law)
90	0.12	12	MR-129

(1) From "Handbook of Steel Drainage and Highway Construction Products," nomograph with no head on pipe and using HW/D Scale No. 3
(2) Sized using 3 Ft. of head on pipe (HW/D=1.5), HW/D Scale No. 1
(3) Sized using 2.4 Ft. of head on pipe (HW/D=1.8), HW/D Scale No. 3
(4) Culverts 23 & 24 are inlets culverts to culvert 25. Culvert 25 was sized using the Hazen- Williams formula Exhibit 19, West Portal Data C21 through C25
(5) Sized using 3 Ft. of head on pipe (HW/D=1.5), HW/D Scale No. 1
(6) As Built 03/27/88 SDM
(7) 100-Year 24-Hour peak discharge. Temporary culverts installed as needed
(8)** Temporary culverts installed when required for site assess, then removed.

Sediment Ponds are inspected and an inspection report issued quarterly as required by Rule 4.05.9(17). An annual inspection is also completed as required by Rule 2.05.9(15). The annual inspection includes a differential level survey to determine water and sediment levels to document available storage capacity and determine if sediment clean-out is required. If water levels preclude a determination of sediment accumulation shall be monitored and surveyed as soon thereafter as practical.

Table 23 provides design criteria for sediment pond construction and maintenance. In addition five containment basins provide localized sediment control for small areas within the mine disturbance area not reporting to sediment ponds. Design criteria for these facilities can be found in Exhibit 19, Volume 2 Item 5. As-built drawings and stage storage curves useful in evaluating requirement for sediment removal can be found in Exhibit 32.