

Pipe Volume: Ch 14 Revised Example 14-2

diameter: 4 ft
 length: 200 ft
 slope: 1.00%
 upper invert 521 ft
 lower invert 519 ft
 Full Volume: 2512 cubic ft

Elevation	Downstream Area (sq ft)	Upstream Area (sq ft)	Length (ft)	Cummulative Volume (cubic ft)	
519	0	0	0	0	
520	2.39	0	100	119.5	Average End Area Method*Length
521	6.29	0	200	629	Average End Area Method*Length
522	10.1	2.39	200	1249	Average End Area Method*Length
523	12.6	6.29	200	1889	Average End Area Method*Length
524	12.6	10.1	100	2392.5	Calculate: Full Volume-F14
525	12.6	12.6	200	2512	Calulate: Full Area * Length

