

Environmental Quality Incentives Program

2013 EQIP Signup

Minnesota Supplement for:
Practice Standard 638 – Water and Sediment Control Basin

Supplemental Criteria

1. Upland Treatment is required. **See General Provision 8.**
2. **Fill Height is measured at centerline using average ground at low point to design height.**
3. **Consult General Provision 15 for Ag Waste System payment cap information.**

Scenarios

WASCOB < 4ft tall, grassed

Typical scenario is for the construction of 3 basins, each with 150 lineal feet of earthen embankment with 3 ft top width and approximately 3:1 side slopes. The average height is approximately 2 ft and average volume is 0.7 CY/ft. Outlet is typically an underground outlet. An earthen embankment is constructed across the slope and minor watercourses to form a sediment trap and water detention basin. Work is done with dozer, scraper, or road grader. Costs include all equipment necessary to excavate, shape, grade and compact the Water and Sediment Control Basin and mobilization of equipment. This practice is utilized to reduce watercourse and gully erosion, trap sediment, reduce and manage onsite and downstream runoff. Sheet and rill erosion will be controlled by other conservation practices. Height is measured on centerline at low point.

WASCOB < 4ft tall, farmed

Typical scenario is for the construction of 3 basins, each with 150 lineal feet of earthen embankment with 3 ft top width and approximately 8:1 side slopes. The average height is approximately 2 ft and average volume is 1.4 CY/ft. Outlet is typically an underground outlet. An earthen embankment is constructed across the slope and minor watercourses to form a sediment trap and water detention basin. Work is done with dozer, scraper, or road grader. Costs include all equipment necessary to excavate, shape, grade and compact the Water and Sediment Control Basin and mobilization of equipment. This practice is utilized to reduce watercourse and gully erosion, trap sediment, reduce and manage onsite and downstream runoff. Sheet and rill erosion will be controlled by other conservation practices. Height is measured on centerline at low point.

WASCOB 4ft < 6ft tall, grassed

Typical scenario is for the construction of 3 basins, each with 200 lineal feet of earthen embankment with 3 ft top width and approximately 3:1 side slopes. The average height is approximately 3.3 ft and average volume is 1.6 CY/ft. Outlet is typically an underground outlet. An earthen embankment is constructed across the slope and minor watercourses to form a

sediment trap and water detention basin. Work is done with dozer, scraper, or road grader. Costs include all equipment necessary to excavate, shape, grade and compact the Water and Sediment Control Basin and mobilization of equipment. This practice is utilized to reduce watercourse and gully erosion, trap sediment, reduce and manage onsite and downstream runoff. Sheet and rill erosion will be controlled by other conservation practices. Height is measured on centerline at low point.

WASCOB 4ft < 6ft tall, farmed

Typical scenario is for the construction of 3 basins, each with 200 lineal feet of earthen embankment with 3 ft top width and approximately 6:1 side slopes. The average height is approximately 3.3 ft and average volume is 2.8 CY/ft. Outlet is typically an underground outlet. An earthen embankment is constructed across the slope and minor watercourses to form a sediment trap and water detention basin. Work is done with dozer, scraper, or road grader. Costs include all equipment necessary to excavate, shape, grade and compact the Water and Sediment Control Basin and mobilization of equipment. This practice is utilized to reduce watercourse and gully erosion, trap sediment, reduce and manage onsite and downstream runoff. Sheet and rill erosion will be controlled by other conservation practices. Height is measured on centerline at low point.

WASCOB 6ft < 8ft tall, grassed

Typical scenario is for the construction of 3 basins, each with 200 lineal feet of earthen embankment with 4.6 ft top width and approximately 3:1 side slopes. The average height is approximately 4.62 ft and average volume is 3.4 CY/ft. Outlet is typically an underground outlet. An earthen embankment is constructed across the slope and minor watercourses to form a sediment trap and water detention basin. Work is done with dozer, scraper, or road grader. Costs include all equipment necessary to excavate, shape, grade and compact the Water and Sediment Control Basin and mobilization of equipment. This practice is utilized to reduce watercourse and gully erosion, trap sediment, reduce and manage onsite and downstream runoff. Sheet and rill erosion will be controlled by other conservation practices. Height is measured on centerline at low point.

WASCOB 8ft < 10ft tall, grassed

Typical scenario is for the construction of 3 basins, each with 200 lineal feet of earthen embankment with 6 ft top width and approximately 3:1 side slopes. The average height is approximately 5.9 ft and average volume is 5.2 CY/ft. Outlet is typically an underground outlet. An earthen embankment is constructed across the slope and minor watercourses to form a sediment trap and water detention basin. Work is done with dozer, scraper, or road grader. Costs include all equipment necessary to excavate, shape, grade and compact the Water and Sediment Control Basin and mobilization of equipment. This practice is utilized to reduce watercourse and gully erosion, trap sediment, reduce and manage onsite and downstream runoff. Sheet and rill erosion will be controlled by other conservation practices. Height is measured on centerline at low point.

WASCOB 10ft < 12ft tall, grassed

Typical scenario is for the construction of 2 basins, each with 250 lineal feet of earthen embankment with 8 ft top width and approximately 3:1 side slopes. The average height is

approximately 7.3 ft and average volume is 8.0 CY/ft. Outlet is typically an underground outlet. An earthen embankment is constructed across the slope and minor watercourses to form a sediment trap and water detention basin. Work is done with dozer, scraper, or road grader. Costs include all equipment necessary to excavate, shape, grade and compact the Water and Sediment Control Basin and mobilization of equipment. This practice is utilized to reduce watercourse and gully erosion, trap sediment, reduce and manage onsite and downstream runoff. Sheet and rill erosion will be controlled by other conservation practices. Height is measured on centerline at low point.

WASCOB 12ft < 15ft tall, grassed

Typical scenario is for the construction of 1 basins, 250 lineal feet of earthen embankment with 8 ft top width and approximately 3:1 side slopes. The average height is approximately 8.9 ft and average volume is 11.5 CY/fts. Outlet is typically an underground outlet. An earthen embankment is constructed across the slope and minor watercourses to form a sediment trap and water detention basin. Work is done with dozer, scraper, or road grader. Costs include all equipment necessary to excavate, shape, grade and compact the Water and Sediment Control Basin and mobilization of equipment. This practice is utilized to reduce watercourse and gully erosion, trap sediment, reduce and manage onsite and downstream runoff. Sheet and rill erosion will be controlled by other conservation practices. Height is measured on centerline at low point.