

Water Quality Enhancement Activity – WQL12 - Managing livestock access to water bodies/courses



Enhancement Description

Install structures or implement grazing management actions that will assist in managing livestock access to water bodies and water courses.

Land Use Applicability

Pastureland, rangeland and forestland.

Benefits

Management of livestock access to surface waters can have positive impacts on water quality,

decrease soil erosion, improve vegetation cover and wildlife habitat. Water quality is especially enhanced due to better manure distribution and reduction of nutrients in surface waters.

Livestock performance and health can also be positively impacted.

Criteria

1. A written grazing management plan.
2. Stocking rates that will allow for proper forage utilization.
3. Structures or grazing management activities that include the following activities as necessary to manage livestock access to water bodies:
 - a. Install alternative water sources away from water courses
 - i. Installation of solar or conventional pumps, hydraulic rams, nose pumps
 - ii. Development of wells or guzzlers
 - iii. Installation of pipelines and troughs
 - b. Install fencing to exclude livestock to water bodies or water courses
 - c. Install hardened stream crossings or water access points
 - d. Implement riparian grazing management strategies
 - i. Herding
 - ii. Seasonal exclusion with rotational grazing system

Documentation Requirements

1. A written grazing management plan
2. For riparian grazing management strategies, a written narrative describing planned season of livestock grazing use.
3. A map showing locations of installed structures

Michigan Supplement

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State Criteria

Natural Resources Conservation Service (NRCS) Michigan conservation practice standard Stream Crossing (578) must be followed for design criteria under ford-type crossing.

State permits are required; follow details found in NRCS Michigan conservation practice standard, Stream Crossing (578).