

Conservation Effects

Land use: Headquarters

Guidance Document ID#: HQ2

page 1 of 1

Resource Setting: Headquarters, adjacent to surface water. No livestock.

RMS Alternative #2

Agrichemical Containment Facility (702)

Diversion (362)

Grade Stabilization Structure (410)

Riparian Forest Buffer (391)

Streambank and Shoreline Protection (580)

| Typical Resource Concerns | Practice(s) that treat the resource concern to Quality Criteria levels* | Comments |
|--|--|--|
| SOIL Erosion | | |
| 1) Classic gully/concentrated flow erosion | Diversion (362) Grade Stabilization Structure (410) | gullies stabilized |
| 2) Other erosion | Streambank and Shoreline Protection (580) | areas stabilized |
| WATER Quality – ground water | | |
| 1) Pesticides | Agrichemical Containment Facility (702) | pesticide movement minimized |
| 2) Nutrients | Agrichemical Containment Facility (702) | nutrient movement minimized |
| WATER Quality – surface water | | |
| 1) Pesticides | Agrichemical Containment Facility (702) Riparian Forest Buffer (391) | Pesticide movement minimized |
| 2) Nutrients/sediments | Agrichemical Containment Facility (702) Grade Stabilization Structure (410) Riparian Forest Buffer (391) | Nutrient and sediment movement minimized. |
| WATER Quantity – no concern | | |
| AIR | | |
| 1) Airborne Chemical Drift | Agrichemical Containment Facility (702) | Application in compliance with laws and consistent with Drift Management Plan. |
| 2) Airborne Odors | | No complaints. |
| PLANTS - no concern | | |
| ANIMAL Habitat | | |
| 1) Warmwater and coldwater fisheries | Riparian Forest Buffer (391) | 35 feet of permanent vegetation along watercourses |
| ANIMAL Management – no concern | | |

* Practices must be installed according to NRCS practice standards found in FOTG Section IV. General criteria (or design criteria), Additional Criteria specific to the resource concern, and Operation and Maintenance requirements must be met.