

## PART IN-521 POLLUTION ABATEMENT AND WATER QUALITY IMPROVEMENT

### IN521.02 Pollution abatement in project activities.

- (a) Under programs where NRCS shares the cost of construction through formal contract or force account procedures, the project engineer and the district conservationist or his/her representative will, during the initial design phase, make recommendations for pollution control measures to be included in the construction drawings and specifications. On those plans where an environmental impact statement has been prepared, they will review the document to ensure that the pollution control provisions in it have been included in the design plans.
- (b) In preparing plans and specifications for structures or projects where pollution tolerances may be exceeded, the project engineer and design engineer will assure that:
  - (1) The area and duration of exposure of erodible soils will be reduced to the greatest extent practicable.
  - (2) Soils will be protected by using temporary vegetation or mulch or by accelerated establishment of permanent vegetation. Segments of work will be completed and protected as rapidly as possible and remain consistent with construction schedules.
  - (3) The rate of runoff from the construction site will be mechanically retarded and the disposal of runoff controlled as needed to minimize off-site siltation.
  - (4) Sediment resulting from construction will be controlled or trapped in temporary or permanent debris basins.
  - (5) Dust will be kept within tolerable limits on haul roads and at the site by applying water or other dust suppressors.
  - (6) Temporary bridges or culverts will be used where fording streams is objectionable.
  - (7) Selection of borrow areas should be given to those areas less subject to erosion and that are most readily accessible to the site. Borrow areas will be opened only when required for construction and completed and protected as soon as possible.
  - (8) Temporary measures will be used to keep erosion under control if construction is suspended for any appreciable length of time. Construction will be timed to avoid rainy and overwintering seasons, if practical.
  - (9) Protection against contamination by pollutants such as chemicals, fuels, lubricants, sewage, etc., will be provided.
  - (10) Sanitary facilities will not be located over or close to streams, wells, or springs.
  - (11) A filter strip of trees and shrubs will be provided to reduce harmful odors from potential odor-causing facilities such as waste holding ponds, lagoons, etc.

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- (c) During the field review process, the project engineer, the district conservationist or his/her representative, and the sponsors should review the plans and make further recommendations for any additional pollution control measures needed.
- (d) During construction, the government representative has the primary responsibility for determining that soil erosion and water and air pollution are adequately controlled to prevent off-site damages. This will be accomplished by implementing those measures shown in construction plans and specifications. In consultation with appropriate state office personnel, he or she will recommend and develop supplemental control measures when it appears that planned measures will be inadequate.