NRCS CONSERVATION PRACTICE EFFECTS - NETWORK DIAGRAM

Monitoring Well (353)

A monitoring well, monitoring well nest, or monitoring well system to provide(s) access for collecting groundwater samples and hydrogeologic data

D.1. (+) Information on performance of agricultural waste manage systems

D.2. (+) Information on location, extent, type, and severity of local groundwater contamination

D.3. (+) Potential for surface water contamination

D.4. (+) Potential for contamination of potable water in wells or springs

D.5. (+) Potential for lawsuits and other legal matters

I.1. (+) Illness or death of groundwater consumers of affected potable water supplies

I.2. (-) Income to producer for legal fees and practice mitigation

I.3. (-) Income to producer for mitigation

Repair of existing or installation of new water well (642) or spring development (574)

Relining by CPS 521a, 521b, 521c, or 521d; relocation of waste management facility to more suitable location

C.1. (+) Production, management, and net return to producer

C.2. (+) Surface water quality and more robust aquatic and riparian habitats

C.3. (+) Local groundwater quality to potable standards

C.4. (+) Income to producer for mitigation

C.5. (+) Production, management, and net return to producer

Notes:
Effects are qualified with a plus (+) or minus (-). These symbols indicate only an increase (+) or a decrease (-) in the effect upon the resource, not whether the effect is beneficial or adverse.

Associated practice
Associated practice
Associated practice
Associated practice
Associated practice

# Created by practice
D. Direct effect
I. Indirect effect
C. Cumulative effect

Initial setting: Where controlled access for sampling groundwater is needed near an agricultural waste storage or waste treatment facility, agricultural waste management system, or other area of concern to detect the occurrence of seepage and to monitor groundwater quality through time.