

PART 501 – AUTHORIZATIONS

SUBPART A – REVIEW AND APPROVAL

IL 501.05(b)(1)(v)

§IL 501.05(b)(1) Engineering Spot Checks

- (i) All work for which NRCS has technical responsibility, including work by non-NRCS personnel, is subject to the review requirements as defined by the Illinois Quality Assurance Plan.
- (ii) Engineering 5% spot checks shall be completed using the following forms:
  - Engineering Practice Spot Check Report
  - Inspection Register – Engineering Practices.
- (iii) A Spot Check Report shall be completed for each practice spot checked.
- (iv) An Inspection Register shall be completed for each work unit inspected – field office or Technical Service Provider.
- (v) The State Conservation Engineer shall make arrangements to perform spot checks of practices designed and/or approved by area engineering staff.

PART 501 – AUTHORIZATIONS

U.S. DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE  
Illinois

File Code: 210-4  
Revised 9/2009

**ENGINEERING PRACTICE SPOT CHECK REPORT**

Field Office: \_\_\_\_\_ Date: \_\_\_\_\_

Reviewer: \_\_\_\_\_

Landowner: \_\_\_\_\_ Farm # \_\_\_\_\_ Tract # \_\_\_\_\_ Field # \_\_\_\_\_

Practice: \_\_\_\_\_ Extent: \_\_\_\_\_ Job Class: \_\_\_\_\_  
(How many / units)

Program: EQIP CRP CPP SSRP WHIP CTA Other \_\_\_\_\_  
(Circle one)

**Design / Construction Documentation**

(YES means item meets NRCS standards and follows policy)

|  |     |    |         |            |
|--|-----|----|---------|------------|
| Engineering Survey                     | YES | NO | NA      | _____      |
| Basic Design Data                      | YES | NO | NA      | _____      |
| Hydrology (Rainfall/Runoff)            | YES | NO | NA      | _____      |
| Hydraulics / Computer Design           | YES | NO | NA      | _____      |
| Plans/Drawings Complete                | YES | NO | NA      | _____      |
| O&M                                    | YES | NO | NA      | _____      |
| Construction Specs                     | YES | NO | NA      | _____      |
| Seeding Recommendations                | YES | NO | NA      | _____      |
| Checked by someone other than designer | YES | NO | NA      | _____      |
| Checkout Notes / As-built              | YES | NO | by NRCS | CONTRACTOR |

Design By: NRCS / SWCD Staff TSP

Adequate Engineering Job  
Approval Authority

Design Approval By: \_\_\_\_\_ Date: \_\_\_\_\_ YES NO

Construction Approval By: \_\_\_\_\_ Date: \_\_\_\_\_ YES NO

**Determination of Deficiencies**

Selected practice is suitable to treat identified resource concern YES NO  
Practice meets policy, standards and specs YES NO  
Amount certified is correct YES NO

Quality of supporting data EXCELLENT ADEQUATE DEFICIENT  
Quality of practice design EXCELLENT ADEQUATE DEFICIENT  
Quality of practice installation EXCELLENT ADEQUATE DEFICIENT

Remarks (if excellent or deficient, please explain):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Reviewed With: \_\_\_\_\_ Date: \_\_\_\_\_  
( Field Office Signature)

SUBPART A – REVIEW AND APPROVAL

**Recommendation and Follow - Up**

Followup Actions: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Who \_\_\_\_\_ When \_\_\_\_\_

Recommended Training: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Other: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Progress on Recommendations**

*Actions taken and results:*

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_  
*(District Conservationist)*

## INSPECTION REGISTER - ENGINEERING PRACTICES

*All Programs*

Area \_\_\_\_\_

Spot Check Year:

Review Unit (FO name or "TSP") \_\_\_\_\_

\_\_\_\_\_ to \_\_\_\_\_  
 (month-year) (month-year)

| PRACTICE NAME   | Number<br>of Projects<br>COMPLETED | Number<br>of Units<br>COMPLETED | Units | Number<br>of Projects<br>CHECKED | Number<br>REQUIRING<br>FOLLOWUP |
|---|------------------------------------|---------------------------------|-------|----------------------------------|---------------------------------|
| Access Road (560)   |                                    |                                 | Ft    |                                  |                                 |
| Closure of Waste Impoundment (360)                            |                                    |                                 | No    |                                  |                                 |
| Composting Facility (317)                                     |                                    |                                 | No    |                                  |                                 |
| Dike (356)  |                                    |                                 | Ft    |                                  |                                 |
| Diversion (362)   |                                    |                                 | Ft    |                                  |                                 |
| Dry Hydrant (432)   |                                    |                                 | No    |                                  |                                 |
| Grade Stabilization Structure (410)                           |                                    |                                 |       |                                  |                                 |
| Pipe  |                                    |                                 | No    |                                  |                                 |
| Block or Rock Lined Chute                                     |                                    |                                 | No    |                                  |                                 |
| Other Weir Structure  |                                    |                                 | No    |                                  |                                 |
| Grassed Waterway (412)  |                                    |                                 | Ac    |                                  |                                 |
| Heavy Use Area Protection (561)                               |                                    |                                 |       |                                  |                                 |
| Feeding Area  |                                    |                                 | No    |                                  |                                 |
| Access Ramp   |                                    |                                 | No    |                                  |                                 |
| Winter Feeding Station  |                                    |                                 | No    |                                  |                                 |
| Lined Waterway or Outlet (468)                                |                                    |                                 | Ft    |                                  |                                 |
| Manure Transfer (634)   |                                    |                                 |       |                                  |                                 |
| Reception Pit / Pump / On-site Pipe                           |                                    |                                 | No    |                                  |                                 |
| Off-site Pipeline / Pump                                      |                                    |                                 | Ft    |                                  |                                 |
| Curbs / Alleys  |                                    |                                 | No    |                                  |                                 |
| Pipeline (516)  |                                    |                                 | Ft    |                                  |                                 |
| Pond (378)  |                                    |                                 | No    |                                  |                                 |
| Pumping Plant (533)   |                                    |                                 | No    |                                  |                                 |
| Roof Runoff Management (558)                                  |                                    |                                 | No    |                                  |                                 |
| Sediment Basin (350)  |                                    |                                 | No    |                                  |                                 |
| Solid / Liquid Waste Separation Facility (632)                |                                    |                                 | No    |                                  |                                 |
| Spring Development (574)                                      |                                    |                                 | No    |                                  |                                 |
| Stream Crossing (578)   |                                    |                                 | No    |                                  |                                 |
| Streambank Protection (580)                                   |                                    |                                 |       |                                  |                                 |
| Peaked Stone Toe, Barbs, etc                                  |                                    |                                 | Ft    |                                  |                                 |
| Rock Riffle / Stream Channel Stab.                            |                                    |                                 | No    |                                  |                                 |
| Structure for Water Control (587) <i>(drainage water mgt)</i> |                                    |                                 | No    |                                  |                                 |
| Subsurface Drain (606)  |                                    |                                 | Ft    |                                  |                                 |
| Terrace (600)   |                                    |                                 | Ft    |                                  |                                 |
| Underground Outlet (620)                                      |                                    |                                 | Ft    |                                  |                                 |
| Vegetated Treatment Area (635)                                |                                    |                                 | No    |                                  |                                 |
| Vertical Drain (630)  |                                    |                                 | No    |                                  |                                 |
| Waste Storage Facility (313)                                  |                                    |                                 | No    |                                  |                                 |
| Water and Sediment Control Basin (638)                        |                                    |                                 | No    |                                  |                                 |
| Water Well (642)  |                                    |                                 | No    |                                  |                                 |
| Well Decommissioning (351)                                    |                                    |                                 | No    |                                  |                                 |
| Wetland (646, 656, 657, 658, 659)                             |                                    |                                 | No    |                                  |                                 |
|   |                                    |                                 |       |                                  |                                 |
|   |                                    |                                 |       |                                  |                                 |