PA-ENG-5
Rev. 01/04
File Code: 210-11

PENNSYLVANIA ENGINEERING JOB APPROVAL AUTHORITY

FOR: _____

TITLE: _____

LOCATION: _____

DEFINITIONS OF MAXIMUM APPROVAL LIMITS COLUMNS

Inventory and Evaluation (I & E) - Onsite observation of an exploratory nature and preparation of sound alternative solutions of sufficient intensity for the cooperator to make treatment decisions. May require assistance from higher levels for large or complex jobs. Includes concept review of plans prepared by others. (Ref NEM 510)

Design - Designing and checking all aspects of the supporting data, drawings, and specifications to insure that the planned practice will meet the purpose for which it is installed. Also includes setting any specific inspection requirements. Includes review of designs for conformance with NRCS and engineering standards. (Ref NEM 511)

Construction - Surveys, layout, staking, inspection of materials and work, and making tests to determine that the job meets the plans and specifications. Jobs where letters of instruction are issued are not included on this chart. (Ref NEM 512)

Delegated by:

_____

TITLE: _____ Engineer

DATE: _____

Concurred by:

_____

TITLE: _____ Conservationist

DATE: _____

Periodic Reviews

Engineer Initials_____ Date_____ Engineer Initials_____ Date_____ Engineer Initials_____ Date_____

Engineer Initials_____ Date_____ Engineer Initials_____ Date_____ Engineer Initials_____ Date_____

FOOTNOTES

1. All designs requiring State or Federal permits (except general permits) shall be approved by an Area Engineer or the State Conservation Engineer, as appropriate.
2. Includes storm water conduits not associated with access roads.
3. Limited to NRCS hazard Class a dams and structures with relatively impervious cutoff, simple foundations, and standard or proven designs.
4. See 378 Ponds for additional limiting criteria and definitions of control factors.
5. Above ground refers to total wall height. Below ground refers to height of backfill against wall.
6. Waste storage facilities or components with standard detailed drawings prepared by others having NRCS concurrence, can be used following approval by the area engineer (or SCE based on applicable control factors-height or span), provided the design assumptions and limitations are properly satisfied considering the existing site conditions.
7. See 638 Water and Sediment Control Basin for additional limiting criteria.
8. Land Reclamation Abandoned Mined Areas. Hazard to public safety limitation apply to the construction methods or treatment during and after reclamation.
9. Engineering practices not listed must be reviewed by the Area Engineer and forwarded with recommendations to the SCE for approval.
10. See 521 Pond Sealing or Lining for additional limiting criteria.
11. All aerobic with mechanical aeration are Class 5.
12. Includes assistance on state game land, national forests, and parks.
13. Design approval for practice 313, Waste Storage Facilities for non-solid manure can be delegated to engineers only.