

Dirt and Gravel Road QAB Scoring System
Updated September 31, 2017

The following numerical scoring system was used to rank all projects.

125 Possible Points awarded in five sections:

- | | |
|---|------------------------------------|
| 1. Environmental Impact - 50 points | 2. Watershed Quality - 30 points |
| 3. Matching Funds - 20 points | 4. History/Cooperation - 10 points |
| 5. Permit Acquisition Process – 15 Points | |

1. **Environmental Impact**- divide score by 2 for modified assessment score- 50 points

- a. **Road Drainage to Stream:** none-0 slight-5 Moderate- 10 Severe-15
- b. **Wet Site Conditions:** Dry-0 Saturated ditches- 3 Roadside Springs- 5
Flow in Ditches- 7 Saturated Base- 10
- c. **Road Surface Condition:**
 - a. **LVR Evaluation: Pavement Condition:** good- 0 fair, some cracking-3
Poor, cracking, unevenness- 5 Damaged- 7 Severely Damaged- 10
 - b. **D&G Evaluation:** Hard Gravel- 0 Mixed Stone- 3 Soft Stone- 5
Mixed Stone/dirt/dust- 7 Severe Dust- 10
- d. **Road Slope:** <5%- 0 5-10%- 5 >10%- 10
- e. **Road Shape (cross-slope/crown):** Good-0 Fair-3 Poor- 5
- f. **Slope to Stream:** <30%- 0 30-60%- 3 >60%- 5
- g. **Distance to Stream:** >100'- 0 50'-100'- 3 <50'/crossing- 5
- h. **Outlets to Stream:** None- 0 Near Stream- 3 Directly to Stream- 5
- i. **Outlet/Bleeder Stability:** Stable- 0 Fair-1 Poor- 3 Unstable- 5
- j. **Road Ditch Stability:** Stable- 0 Fair- 3 Poor- 7 Unstable- 10
- k. **Road Bank Stability:** Stable- 0 Fair- 3 Poor- 7 Unstable- 10
- l. **Average Canopy Cover:** Moderate- 0 Minimal- 3 Heavy- 5
- m. **Off-ROW Impacts Resolved:** None- 0 Minimal- 1 Some- 3 Many- 5

Modified Assessment Score: _____

2. **Watershed Quality**- Based on PA Code Water Quality Standards- 30 possible points

- HQ-CWF/EV/Drinking Water Source- 30 points
- CWF- 24 points
- WWF- 18 points
- TSF- 12 points
- Impaired watershed – add 6 points

Assessment Score: _____

3. **Matching Funds-** % of Township's matching funds compared to the requested funds, i.e.: - 20 possible points

Amount requested \$10,000
Amount matched \$5,000 =
50% multiplied by 20 =
score of 10 points

Assessment Score: _____

4. **History/Cooperation Status-** Township involvement in the process and their willingness to comply with the Program Standards. (10) possible points.

First dirt & Gravel Road Project in Twp.	10
Two or more Dirt, Gravel, or LVR projects with applicant with good history	5
Non-cooperation	0

Assessment Score: _____

5. **Permit Process-** Is a permit required and has the township taken the initiative to acquire said permit? (15) possible points.

Permit not applied for = 0 points
Permit applied for = 5 points
Permit not required = 10 Points
Permit in hand = 15 Points

Assessment Score: _____

Total Application Score= _____

Dirt and Gravel Road QAB Scoring System

Scoring Verification Signatures:

_____ Russell Kyper (HCCD)

_____ James Steward (NRCS)

_____ Anthony Quarracino (PFBC)

_____ Sherri Law (HCCD)