

## Dirt and Gravel Road QAB Scoring System

Updated March 1, 2018

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

115 Possible Points awarded in five sections:

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

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

<b>Road name</b>										
<b>Assessment date</b>										
<i>Road Drainage to stream</i>	None	0	Slight	5	Moderate	10	Severe	15		
<i>Wet Site conditions</i>	Dry	0	Saturated Ditches	3	Roadside Springs	5	Flow in ditches	7	Saturated Base	10
<i>Pavement Condition – LVR</i>	Good	0	Fair, some cracking	3	Poor, cracking, unevenness	5	Damaged	7	Severely Damaged	10
<i>OR Road Surface Condition – D&amp;G</i>	Hard Gravel	0	Mixed Stone	3	Soft Stone	5	Mixed Stone/dirt/dust	7	Severe Dust	10
<i>Road Slope</i>	<5%	0	5-10%	5	>10%	10				
<i>Road Shape (cross-slope/crown)</i>	Good	0	Fair	3	Poor	5				
<i>Slope to Stream</i>	<30%	0	30-60%	3	>60%	5				
<i>Distance to Stream</i>	>100'	0	50'-100'	3	<50'/crossing	5				
<i>Outlets to Stream</i>	None	0	Near Stream	3	Directly to Stream	5				
<i>Outlet/Bleeder Stability</i>	Stable	0	Fair	1	Poor	3	Unstable	5		
<i>Road Ditch Stability</i>	Stable	0	Fair	3	Poor	7	Unstable	10		
<i>Road Bank Stability</i>	Stable	0	Fair	3	Poor	7	Unstable	10		
<i>Average Canopy Cover</i>	Moderate	0	Minimal	3	Heavy	5				
<i>Off-ROW Impacts Resolved</i>	None	0	Minimal	1	Some	3	Many	5		

**Modified Assessment Score: \_\_\_\_\_**

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

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

**Assessment Score:** \_\_\_\_\_

3. **Matching Funds** (10 points)- % of Township's matching funds compared to the requested funds

1-10% = 2.5 points  
11-25% = 5 points  
>25% = 10 points

i.e.: \$10,000 grant requested and in-kind is \$5,000 = 50% matching funds = 10 points

**Assessment Score:** \_\_\_\_\_

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

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

**Assessment Score:** \_\_\_\_\_

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

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

**Assessment Score:** \_\_\_\_\_

**Bonus Points** (5 points maximum)-if the applicant has done any of the following, 5 points will be added to their ranking score:

- if applicant has attended an ESM training more frequently than the requirement of every 5 years
- if the contractor who will complete the project work has attended an ESM training
- if the applicant has attended any outreach events organized by the Huntingdon County Conservation District to further their knowledge of the Dirt, Gravel, and Low-Volume Roads program

**Total Application Score=** \_\_\_\_\_

## Dirt and Gravel Road QAB Scoring System

Date: \_\_\_\_\_

### Scoring Verification Signatures:

\_\_\_\_\_ Russell Kyper (HCCD)

\_\_\_\_\_ James Steward (NRCS)

\_\_\_\_\_ Anthony Quarracino (PFBC)

\_\_\_\_\_ Sherri Law (HCCD)