# ATTACHMENT A

## Signed Acknowledgement of DCNR 4” MINUS Aggregate Specifications

1. The Contractor must choose the appropriate acknowledgement letter:

   a. **4” MINUS Contractor Acknowledgement of 4” MINUS Specifications (A.1)**

      This form is used when the Contractor will be creating and supplying the 4” MINUS.

   b. **4” MINUS Quarry Letter of Intent (A.2)**

      This form is used when the 4” MINUS will be created and supplied by a quarry *not owned* by the Contractor.

2. The appropriate form must be printed, completed in its entirety, signed, and dated.

   a. Both A.1 and A.2 *must be signed only* by approved representatives of the Contractor and Quarry respectively.

   b. The authorized representative must include their title with their signature.

   c. Representatives must be knowledgeable of 4” MINUS and be prepared to answer all questions on the product.

3. The Contractor must then include the appropriate fully executed form with their bid response (either A.1 or A.2.).

   *DO NOT* attach both acknowledgements.

4. Failure to comply with this requirement could result in a non-responsive determination and subsequent disqualification for the Contractor.

A.1

pennsylvania
DEPARTMENT OF CONSERVATION
AND NATURAL RESOURCES

BUREAU OF ADMINISTRATIVE SERVICES

## CONTRACTOR ACKNOWLEDGEMENT OF 4" MINUS PRODUCT

(FORM MUST BE COMPLETED BY BIDDING CONTRACTOR)

Solicitation # 6100063453
FD20 - Loyalsock
Big Hollow Road
Approximate Tonnage – 2,500
(Tonnage is estimated and can increase or decrease based on the needs of the Department.)

By signing this acknowledgement I, _____ (Print Name), an authorized representative of _____ (Name of Contractor), confirms that _____ (Name of Contractor) has the ability to competently create and supply certified 4" MINUS aggregate for the Solicitation listed above that meets the following specifications.

| Passive Sieve | Low Percentage | High Percentage |
|---|---|---|
| 4 inch | 100% | -- |
| 3½ inch | 80% | 97% |
| 2½ inch | 70% | 95% |
| 1½ inch | 50% | 80% |
| ¾ inch | 30% | 60% |

Pursuant to Section 9106 of the PA Vehicle Code, all 4" MINUS aggregate is to be derived from natural stone formations. Stone is defined as rock that has been crushed; rock is defined as consolidated mineral matter. All components of the aggregate mix are to be derived from crushed rock material that meets program specification for abrasion resistance, pH and freedom from contaminants.

pH: 6 – 12.45 as measured by EPA 9045C

LA Abrasion: < 40% loss based on Los Angeles Abrasion test, AASHTO T-96 [ASTM C 131]

Plasticity Index: ≤ 4 based on ASTM D4318 – Standard Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils.

Optimum Moisture: Material is to be delivered and placed at a moisture content ranging between 4% to 6%. The laboratory test required for these results is the AASHTO T255 - Total Evaporable Moisture Content of Aggregate by Drying.

_____ _____
Signature of Authorized Representative Date

A.2

pennsylvania
DEPARTMENT OF CONSERVATION
AND NATURAL RESOURCES

BUREAU OF ADMINISTRATIVE SERVICES

## QUARRY ACKNOWLEDGEMENT OF 4" MINUS PRODUCT - LETTER OF INTENT

(FORM MUST BE COMPLETED BY SUPPLYING QUARRY)

Solicitation # 6100063453
FD20 - Loyalsock
Big Hollow Road
Approximate Tonnage – 2,500
(Tonnage is estimated and can increase or decrease based on the needs of the Department.)

By signing this Letter of Intent I, _____ (Print Name), an authorized representative of _____ (Name of Company), confirms that _____ (Location or Name of Quarry) has the ability to competently create and supply to _____ (Name of Contractor) certified 4" MINUS aggregate for the Solicitation listed above that meets the following specifications.

| Passive Sieve | Low Percentage | High Percentage |
|---|---|---|
| 4 inch | 100% | -- |
| 3½ inch | 80% | 97% |
| 2½ inch | 70% | 95% |
| 1½ inch | 50% | 80% |
| ¾ inch | 30% | 60% |

Pursuant to Section 9106 of the PA Vehicle Code, all 4" MINUS aggregate is to be derived from natural stone formations. Stone is defined as rock that has been crushed; rock is defined as consolidated mineral matter. All components of the aggregate mix are to be derived from crushed rock material that meets program specification for abrasion resistance, pH and freedom from contaminants.

pH: 6 – 12.45 as measured by EPA 9045C

LA Abrasion: < 40% loss based on Los Angeles Abrasion test, AASHTO T-96 [ASTM C 131]

Plasticity Index: ≤ 4 based on ASTM D4318 – Standard Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils.

Optimum Moisture: Material is to be delivered and placed at a moisture content ranging between 4% to 6%. The laboratory test required for these results is the AASHTO T255 - Total Evaporable Moisture Content of Aggregate by Drying.

_____ _____
Signature of Authorized Representative Date