COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2987-15

Product Evaluation Coordinator
Colorado Department of Transportation
4670 North Holly Street, Unit A
Denver, Colorado 80216

Material code: 701.02.02.00

FOR INTERNAL CDOT USE

Material code description full name: Fly Ash, Class F

PART 1

Product name: Limestone Class F Fly Ash

Product category: Concrete\Pozzolan\Fly Ash, Class F

Product representative (name & address):
Attn: Dianne Westgate
Headwaters Resources
1345 E. Philadelphia Street
Pomona, CA 91766
Phone: (909) 627-9066 FAX: (909) 627-1037

Manufacturer (name & address):
Attn: Mike Morton
Limestone Power Station
4037 FM395
Jewett, TX 75846
Phone: (903) 626-5474 FAX:

Web-site address: www.flyash.com

Web-site address:

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
This is a pozzolanic material produced from coal combustion at the Limestone Power Station in Jewett Texas.

Restrictions, (installation and/or use):
Use as directed by specifications.

Use of the product, (be specific to CDOT highway activities only):
Portland cement pavement, structures & soil stabilization.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Fly ash chemically reacts with the CaOH that is produced when Portland cement hydrates and in doing so it increases the compressive and flexural strengths, reduces permeability, and in properly designed mixes substantially improves the durability characteristics including the reduction of ASR and sulfate attack of all concrete.

Specifications, (listing those applicable is required) **& Certificate of Compliance** (required to certify compliance with listed specifications):

- ☐ CDOT :
- ☒ ASTM : C 618
- ☒ AASHTO : M 295
- ☐ FHWA :
- ☐ other :

Product testing, (from national/independent laboratories or universities) **& Certified Test Report** (CTR required to validate all claims):

- ☐ NTPEP-AASHTO :
- ☐ FHWA :
- ☒ other : Accredited Internal Laboratory (September 22, 2015)
- ☐ other :

State DOT Approvals, (current documentation required):
WY

Sample submitted: ☐ yes ☒ no ☐ n/a

Materials Safety Data Sheets (MSDS): ☒ yes ☐ no ☐ n/a

Notes/Additional Comments
Samples available upon request.
Limestone Fly Ash has been used extensively in CDOT projects for many years.