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August 31, 2020

Max Zhang
Quality & Product Assurance Engineer
JM Eagle
5200 W Century Blvd.
Los Angeles, CA 90045

SUBJECT: APPROVAL OF JM EAGLE SOLID WALL HDPE PE4710 PIPE BR800079

Dear Mr. Zhang,

This letter is to inform you that JM Eagle Solid Wall HDPE PE4710 Pipe has been approved for use in the City of Los Angeles for four years. At the end of this approval, recertification is required.

A. Approved Resins:

	<i>Company Name</i>	<i>Material Designation</i>
1	Chevron Phillips Chemical	MARLEX H525 BK
2	Dow Chemical Company	CONTINUUM DGDA 2502 BK
3	Dow Chemical Company	CONTINUUM DGDC 2502 NT
4	Dow Chemical Company	CONTINUUM DGDC 2482 BK
5	Equistar Chemicals, LP	ALATHON L4904 Black
6	INEOS Olefins & Polymers USA	TUB 121
7	Sasol Chemicals North America LLC	HD4985 LS

B. Approved Extrusion Plant:

	<i>Plant Name / Size Range</i>	<i>Address</i>
1	JM Eagle Tulsa Plant HDPE Pipe Size Range: 4" – 24"	4501 WEST 49TH ST., TULSA, OK 74107
2	JM Eagle Sunnyside Plant HDPE Pipe Size Range: 4" – 36"	1820 SOUTH FIRST ST., SUNNYSIDE, WA 98944
3	JM Eagle Meadville Plant HDPE Pipe Size Range: 4" – 36"	15659 DELANO RD., COCHRANTON, PA 16314
4	JM Eagle Adel Plant HDPE Pipe Size Range: 4" – 63"	2101 J-M DRIVE, ADEL, GA 31620
5	JM Eagle Kingman Plant HDPE Pipe Size Range: 4" – 63"	4620 OLYMPIC DRIVE, KINGMAN, AZ 86401



- C. ASTM D3350 Cell Classification: 445574C (2-3% carbon black)
- D. Approved Size Range: 4" to 63"
- E. Minimum Initial Tensile Strength: 3,200 psi (ASTM D3350 Section 6.6 Not Permitted)
- F. Minimum Initial Flexural Modulus: 120,000 psi
- G. Minimum Long Term (50-year) Flexural Modulus: 36,000 psi
- H. Joint Type: Butt fusion

The plant and staff shall be made available during unannounced inspection within a reasonable time for the inspector to conduct their duties.

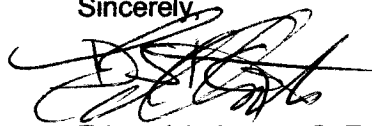
All associated appurtenance, fitting and specials will require their individual review and approval and must show compatibility and consistency with the above information. The resin used to fabricate all pipe for a job shall be the same resin that is used to fabricate all pipe which is then used to fabricate specials for that job and all pipe shall come from the same manufacturer (exceptions shall not be permitted).

The City assumes no responsibility for any and all safety related issues in regard to the installation and use of this product. It is the responsibility of the installer to understand the appropriate use and limitations of this product and to address any and all safety concerns with the manufacturer. Further, it is the installer's responsibility to conform to all applicable industry and regulatory safety requirements.

Any proposed change in product composition, configuration, or manufacturing location shall first be approved by this office prior to any fabrication. Changes on already awarded projects will not be allowed.

This approval may be rescinded at any time by the City of Los Angeles at its sole discretion.

Sincerely,



Edward Arrington, S. E., ENV SP
Engineer of Design
Wastewater Conveyance Engineering Division
Bureau of Engineering
Department of Public Works