



ENGINEERING CLARIFICATION

EC TITLE: Static Mixer Data Sheet No. 6
PROJECT: 3 Kings Water Treatment Plant

EC NO.: 3
DATE: 3/5/2020
STATUS: Acknowledged

SECTION 1: BY CONTRACTOR

QUESTION:

Static Mixer Data Sheet No. 6 in Specification Section 40 27 01 does not include the tag numbers for two mixers in Facility 340. However, these mixers are shown on the drawings.

DRAWING NO.:
SPECIFICATION SECTION: 40 27 01 Process Piping
Specialties

POTENTIAL COST IMPACT:
POTENTIAL SCHEDULE IMPACT:

PROPOSED SOLUTION:

See attached revisions to Static Mixer Data Sheet No. 6 in Specification Section 40 27 01.

COMMENTS:

INITIATOR: Zalla, Joseph/SLC

PRIORITY: Normal
REQUESTED RESPONSE DATE: 3/18/2020

SECTION 2: BY REVIEWER

RESPONSE:

COMMENTS:

REVIEWED BY: Sam Conant

REVIEWED DATE: 3/13/2020

STATIC MIXER DATA SHEET NO. 6

Project: 3 Kings Water Treatment Plant Manufacturer: KOMAX, "Or-equal"
 Owner: Park City Municipal Corporation Model No.: HPB-74863A "Or-equal"
 Equip. Tag Number(s): SM-340-01, SM-340-02, SM-340-03 Number of Units: 3
 Service: Mixing Dewatering aid Polymer (Target Dose, 250 mg/L) with Thickened Solids/Filter Press Influent (2-4% Solids, maximum).

GENERAL REQUIREMENTS

Min Flow: 8 gpm Average Flow: 80 gpm Max Flow: 160 gpm
 Line Size: 3 inches Max Allowed Pressure Drop: 4.5 psi Max Length: 22 inches
 Number of Elements: 5 End Connections: 150-lb. flanges Connection Ports: 1
 Element Material of Construction: Housing Material of Construction:
 PVC 316 SS Sch 80 PVC 316 SS
 Epoxy Coated Steel Epoxy Coated Steel

SPECIAL REQUIREMENTS

Static mixers SM-340-02 and SM-340-03 shall be suitable for an operating pressure of up to 120 psi.

EC #3