



ZIM INDUSTRIES, INC.

4532 E. Jefferson • Fresno, CA 93725
Ph. (559) 834-1551 • FAX (559) 834-5156
www.zimindustries.com

August 25, 2021

Robert Eranio
Crestview Mutual Water Company
328 Valley Vista Dr,
Camarillo, CA 93010

Re: Proposed Well 7 and 8 Drilling Noise Control

Dear Robert,

Zim Industries, Inc. (Zim) is in receipt of the Crestview well construction bid documents and takes the obligation to meet the applicable noise ordinance restrictions and the penalties for failure very seriously. We would not bid on these projects if we were unable or uncertain about our ability to meet the noise threshold requirements.

Zim proposes to install temporary sound walls, which we have used extensively and successfully in past municipal water well drilling projects and which are anticipated to provide effective noise control for the subject projects. Please see the following information provided below:

- 1) Example structural report for 24 foot tall sound walls used in past project per attached report.
- 2) Noise levels generated are assumed to be 80 dB max within 15 feet of the diesel engine running at full speed and engaged with the rotary table and kelly.
- 3) Sound Transmission Loss Test conducted by Western Electro-Acoustic Laboratory, Inc. on a typical fiberglass filled sound panel manufactured by Zim resulted in a sound transmission class (STC) of 27 per attached report.
- 4) Based on our past experience, sound walls at 24 foot height surrounding the site are assumed to yield max noise level of 43 dB at a distance of 50 feet from the source.
- 5) If required noise levels are exceeded at any point during preliminary field testing, additional absorptive material will be installed prior to drilling until the acceptable noise level is reached.

For more information or clarification, please contact myself or Bob Zimmerer at our office at (559) 834-1551.

Respectfully,

Wes Zimmerer,
Assistant Estimator

Attachments: Example Sound Wall Structural Report
Sound Transmission Loss Test Report