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AIL Sound Walls' noise control enclosures earn their salt at California desalination facility

Our recent project to design and supply five AIL Sound Wall equipment enclosures to a desalination plant in Cambria, CA, has been earning us kudos from neighbors and project partners alike.



Project at a glance:

Name: Cambria Emergency Water Supply

Location: Cambria, CA

Owner: City of Cambria

Engineer/ Contractor: CDM Smith

Product: Silent Protector (Absorptive)

Sector: Municipal

Application: Equipment Surrounds

Dimensions: 12'6" tall, back wall 13' wide, side walls 12'6" wide

The large machines that spray excess water into the air, allowing it to evaporate faster, were very noisy, to the dismay of local residents. Once our Silent Protector (Absorptive) enclosures were in place, their positive comments came filtering back to us. As did those of our customer, CDM Smith, who were as pleased with the community feedback as they were with our timely responses, quick turn-around and competitive pricing.

All five custom noise barriers were installed in a week

The enclosures went in quite quickly, despite the remote location and some special requirements that came later in the project. We had to design a system that could be easily installed in an area that was difficult to access. In addition, a custom attachment was needed for our system to work with existing slabs. Our in-house Engineering Team worked with CDM Smith to develop the optimal design and attachment of our barrier. We also expedited design, production and shipping to meet their strict schedule.

About the facility

Because Cambria is so close to the ocean, their ground water is contaminated with salt water. This desalination facility filters the water, purifies it via reverse osmosis and then re-injects it farther inland into ground water that will feed local wells. The blower machines are actually misters, similar to snowmaking machines at a ski hill. They mist the excess water from the holding pond to make it evaporate quicker.



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