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Santa Margarita Water District

November 21, 2007

Mr. Michael P. McCann, Assistant Executive Officer
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123-4340
Attn: Supervisor Northern Core Regulatory Unit

Reference: **CAU:01-0771:jcofran**
Place ID: 631542

Subject: Additional Information in Response to Complaint No. R9-2008-0057 Concerning Discharges of Untreated Sewage to San Juan Creek and Cristianitos Creek Watersheds, C-1486A

Dear Mr. McCann:

The District provided a technical report and met with the Regional Board staff in response to Complaint R9-2008-0057. This letter is providing additional documentation to support the District's position discussed during the meeting.

The District noted that it is common practice to utilize both ductile iron and PVC in pipelines. The District has contacted the following agencies and all have verified that it is standard practice within their jurisdiction to use ductile iron fittings with PVC pipe:

- City of San Clemente
- South Coast Water District
- Moulton Niguel Water District
- Irvine Ranch Water District
- El Toro Water District

Per Water Distribution Systems Handbook¹, AWWA C900.PVC pipe for municipal use is manufactured in ductile iron pipe outside diameter sizes, so ductile iron fittings conforming to AWWA C110 are used. PVC fittings are available but are not commonly used. In the installation in question, the ductile iron tee with a PVC blind flange was manufactured and installed per generally accepted water and wastewater industry standards.

¹ Mays, Larry W.; Water Distribution Systems Handbook; McGraw-Hill, New York, 2000

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If you have any questions or comments, please do not hesitate to call or email me at (949) 459-6590 or danf@smwd.com.

Very Truly Yours,

SANTA MARGARITA WATER DISTRICT

A handwritten signature in black ink, appearing to read 'Dan Ferons', with a stylized flourish at the end.

Daniel R. Ferons
Chief Engineer