

State Water Resources Control Board

September 6, 2013

Mr. Charles Liebal
OPW Fueling Containment Systems
3250 Highway 70 Business West
Smithfield, NC 27577

Dear Mr. Liebal:

EVALUATION OF STAGE I VAPOR RECOVERY COMPONENTS, OPW 61JSK ALTERNATIVE REMOTE FILL CONFIGURATION

Assembly Bill 2955 (Statutes 2004, Chapter 649) added Health and Safety Code, Chapter 6.7, section 25290.1.2(a) requiring the Air Resources Board (ARB) and State Water Resources Control Board (State Water Board) to certify, to the best of their knowledge and using existing resources, that equipment meeting ARB's Enhanced Vapor Recovery (EVR) requirements also meets underground storage tank (UST) statutory requirements.

The State Water Board has received an information packet from OPW Fueling Containment Systems detailing a proposed modification to ARB Executive Order VR-102. This proposed modification is the addition of the OPW 61JSK alternate remote fill. Your letter states this new addition is similar to the currently approved OPW 61JSK-4RMT alternative remote fill (EVR determination dated April 10, 2007) with the exception of a two-inch remote fill instead of a four-inch remote fill. The OPW 61JSK alternate remote fill has been reviewed by a California Registered Professional Engineer, as indicated in the enclosed signed statement dated April 17, 2013. Based on this signed statement and the supporting information you provided, the State Water Board has found no evidence that the OPW 61JSK alternate remote fill conflicts with Health and Safety Code, Chapter 6.7.

The following limitations apply to the OPW 61JSK alternate remote fill configuration:

1. Owners or their agents are required to ensure that the space available in the tank is greater than the volume of product to be transferred to the tank prior to each delivery,¹ therefore USTs must include a tank top access port or other method that allows product level gauging prior to delivery.

¹ California Code of Regulations, Title 23, section 2712(k).

2. Remote fill piping must be double-walled when connected to any one of the following:
 - A UST system installed on or after July 1, 2003.²
 - A UST system where the overflow prevention valve activates at a level greater than 95 percent.³
 - A UST system where secondary containment of tank fill riser piping is otherwise required by state law or local ordinance.⁴
3. When remote fill piping is required to be double-walled, the requirement applies to ALL remote fill piping components including horizontal-to-vertical transitions and the short vertical piping sections at the tank top and remote fill locations. To achieve this, single-walled piping components at the tank top and remote fill locations must be contained in sumps.
4. A demonstration and verification that the overflow method operates properly may be required by the Unified Program Agency.

This determination assumes the OPW Phase I EVR System is installed and maintained in accordance with the most recent ARB Executive Order VR-102 and manufacturer's instructions. Pursuant to Health and Safety Code, Chapter 6.7, section 25290.1.2(a) the State Water Board certifies that, to the best of its knowledge, the inclusion of the OPW 61JSK alternate remote fill to the OPW Phase I EVR System as outlined in the April 10, 2007 letter meets the requirements of Health and Safety Code, Chapter 6.7.

This determination letter supersedes the determination letter issued for the inclusion of the OPW 61JSK alternate remote fill to the OPW Phase I EVR System dated July 24, 2013.

If you have questions regarding this letter, please contact Ms. Laura Fisher at (916) 341-5870, or by e-mail at laura.fisher@waterboards.ca.gov.

Sincerely,



Victoria A. Whitney, Deputy Director
Division of Water Quality

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ECM # 1087785; 1069722

Enclosures (8): Request to Add Stage I Vapor Recovery Components, OPW 61JSK Alternate Remote Fill

Third Party Review and Approval of OPW 61JSK Alternate Remote Fill

OPW 61JSK Alternate Remote Fill Product List

² California Health and Safety Code, section 25290.1 and 25290.2.

³ California Code of Regulations, Title 23, section 2636(a)(1).

⁴ California Health and Safety Code, section 25299.2.

OPW 61JSK Alternate Remote Fill Catalog Page

OPW 61JSK Alternate Remote Fill Representative Component Drawing

State Water Board EVR Determination for Remote Fill Configuration dated
April 10, 2007

Third Party Review for Remote Fill Configuration dated October 4, 2006

State Water Board Costco Letter to Install Proprietary Fuel Additive
Ultrazol 9888 to Certified Agencies dated February 2, 2012