



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

15 W Yakima Ave, Ste 200 • Yakima, WA 98902-3452 • (509) 575-2490

January 16, 2014

Santiago Communities, Inc.  
326 West Katella Avenue, Suite 4K  
Orange, CA 92867

**RE: Groundwater Monitoring Frequency  
Community Sewer and Water District, Permit No. ST-5529  
Tracking No. 1401-3**

To Whom It May Concern:

On December 23, 2013, the State of Washington Department of Ecology (Ecology) received a letter from Santiago Country View Estates (SCVE). The letter proposed a revised groundwater sampling schedule for monitoring wells located at Community Sewer and Water District (CSWD).

Section S8. of permit ST-5529 required groundwater monitoring due to scrub and sagebrush growth in the bottom of the lagoons, which compromised the integrity of the bentonite and clay mixture liners. CSWD submitted a Hydrogeological Study and Groundwater Monitoring Plan, which proposed installation of 5 monitoring wells (2 upgradient and 3 downgradient). Since the start of monthly monitoring in December 2011, CSWD has reported 389 violations of pH, temperature, ammonia, nitrate, sodium, calcium, chloride, and sulfate in downgradient monitoring wells (3, 4, and 5) based on background groundwater concentrations from upgradient monitoring well 1 (refer to table 1 below). As a result Ecology will not approve any modifications to the Groundwater Monitoring Plan at this time.

Table 1. Summary of Groundwater Violations	
Monitoring Well	Number of Violations
1	Background well
3	109
4	169
5	111
<b>Total</b>	<b>389</b>

In regard to groundwater violations shown above, this letter also serves as a written warning to SCVE and CSWD. Further violations of background groundwater concentrations will be subject to enforcement action, if appropriate.



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Nothing in this letter shall be construed as satisfying other applicable federal, state or local statutes, ordinances or regulations.

Should you have any questions or need any additional information, please contact Ian Laseke, Facility Manager, at 509/457-7108.

Sincerely,

A handwritten signature in cursive script that reads "Charles McKinney".

Charles McKinney  
Section Manager  
Water Quality Program

cc: Wes Burkhead, Community Water and Sewer District  
Zereck Jones, Harms Engineering, Inc.  
Sanjay Barik, Department of Ecology