

Los Angeles Regional Water Quality Control Board

June 9, 2014

Mrs. Ann Heil
Supervising Engineer, Monitoring Section
Santa Clarita Valley Sanitation District
P.O. Box 4998
Whittier, CA 90607-4998

Dear Ms. Heil:

PROPOSED EXTENSION OF WATER RECYCLING SERVICE AREA – SANTA CLARITA VALLEY SANITATION DISTRICT (SCVSD), VALENCIA WATER RECLAMATION PLANT (VALENCIA WRP) (Order No. 87-48 Readopted by Order No. 97-072, CI NO. 6186)

On March 20, 2014, the Los Angeles Regional Water Quality Control Board (Regional Water Board) received the Supplemental Report including as-built drawings from Castaic Lake Water Agency (CLWA), in response to our email comments dated May 9, 2012, regarding the Engineering Report Addendum to the Phase I of the CLWA Westridge Development Project. This project proposes to expand the existing recycled water line to the Entrada Development Project (EDP).

The Supplemental Report describes that:

1. Santa Clarita Valley Sanitation District (SCVSD) is the producer of the recycled water, CLWA is the wholesale distributor, and Valencia Water Company is the local retail purveyor;
2. CLWA proposes to install and maintain a 12-inch polyvinylchloride (PVC) recycled water line 430 feet westward along Skyview Lane, 1,275 feet southward along Entertainment Drive, and 180 feet eastward along Media Center Drive;
3. The Recycled water line would deliver tertiary-treated recycled water from the Valencia WRP to be used for landscape irrigation along streets and slopes of the EDP;
4. The recycled water storage tank was constructed in 2005 and the majority of the EDP recycled water pipeline network was installed by September 2006, as specified in the provided as-built drawings;
5. CLWA would like to begin recycling as soon as possible; and,
6. The report was prepared in accordance with the California Department of Public Health (CDPH) Guidelines and in accordance with California Code of Regulations, Title 22 Sections 60301 through 60355.

The Regional Water Board received copies of the approval letters with conditions dated April 23, 2014, and June 3, 2014, from the Los Angeles County Department Public Health (LACDPH) and CDPH, respectively, regarding the Entrada Development Extension.

Under Order No. 87-48, adopted by the Board on April 27, 1987, and re-adopted without change on May 12, 1997, SCVSD may recycle tertiary-treated water from the Valencia WRP. Section B of that Order contains specifications for the use of recycled water to irrigate golf courses, freeway landscapes, parks, playgrounds, schoolyards and other areas, where the public has similar access and exposure. Provision D.12. of the Order requires that the Reclaimer submit a report to the Regional Board for Executive Officer approval, when proposing an extension of the recycled water system.

Based on the information received, and our understanding that CDPH has approved the engineering report for the aforementioned water recycling project, the Regional Water Board has no objections to the recycled water project, as proposed. You are authorized to commence recycling water, as discussed in your engineering report, provided you follow the conditions of approval specified by LACDPH and CDPH in their letters dated April 23, 2014, and June 3, 2014, respectively (copies attached).

If you have any questions, please contact Veronica Cuevas at (213) 576-6662 or Cris Morris at (213) 620-2083.

Sincerely,



Samuel Unger, P.E.
Executive Officer

Enclosures: Los Angeles County Department Public Health letter dated April 23, 2014
California Department of Public Health letter dated June 3, 2014

cc: California Department of Public Health
Los Angeles County Department Public Health
Castaic Lake Water Agency



COUNTY OF LOS ANGELES
Public Health

JONATHAN E. FIELDING, M.D., M.P.H.
Director and Health Officer

CYNTHIA A. HARDING, M.P.H.
Chief Deputy Director

ANGELO J. BELLOMO, REHS
Director of Environmental Health

TERRI S. WILLIAMS, REHS
Assistant Director of Environmental Health

JACQUELINE TAYLOR, MPA, REHS
Director, Bureau of Environmental Protection

Cross Connection & Water Pollution Control Program

5050 Commerce Drive
Baldwin Park, California 91706
TEL (626) 430-5290 • FAX (626) 813-3025

www.publichealth.lacounty.gov

April 23, 2014

**Castaic Lake Water Agency
27234 Bouquet Canyon Road
Santa Clarita, CA 91350**

Attention: Elizabeth Sobczak, Associate Engineer - esobczak@clwa.org (661) 513-1252

Subject: Revised Addendum to the Castaic Lake Water Reuse Project Phase 1 Westridge
Development Engineering Report (Entrada Development) February 2002

In response to the request project review, this department submits the conceptual report is approved with the following conditions:

1. Provide to this Department an approved engineering report by State Department of Public Health.
2. Los Angeles County DPH "Guide to safe Recycled wastewater Use, Pipeline Construction and Installation" shall be added to the general notes on both the plumbing as well as landscape irrigation construction plans.
3. Plans shall be submitted to Department for approval. This includes parkways and slopes.
4. Any unauthorized changes in design or during construction will deem this approval void. In addition, this approval does not blanket regulatory or policy issues uncovered during construction.
5. Contact the Domestic Water Purveyor (Valencia Water Company) regarding their installation requirements and locations of meters and meter service protection devices.
6. Backflow devices on the recycled water system will not be allowed unless approved by this Department.
7. **ALL WATER LINES** shall be pre-inspected by a representative from this Department prior to backfilling and verified against the approved plans. All isolation valves shall be clearly identified on submitted plans.
8. No physical connection shall be made or allowed to exist at any time between the recycled water system and the potable water system. Potable stand by water connections and associated systems to serve a commercial recycled water system is not allowed at any time.



BOARD OF SUPERVISORS

Gloria Molina
First District

Mark Ridley-Thomas
Second District

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Don Knabe
Fourth District

Michael D. Antonovich
Fifth District

9. During construction, a temporary domestic water supply with a dedicated temporary backflow device is required for construction, dust control, flushing lines, and for pressure / separation tests.
10. A minimum ten foot temporary section of pipe connecting the potable water to the recycled water system shall be removed once approval to use recycled water has been granted and recycled water is available. The section of pipeline shall be removed prior to the introduction of recycled water.
11. The use of recycled water is not allowed until a final approval is issued by this Department.
12. Call this office (626-430-5290) or contact Glenn van Eekhout (213-471-3081) (gvaneeekhout@ph.lacounty.gov) when scheduling pre-construction meetings as well as when construction begins and pipelines are being installed. Inspection of the water lines prior to backfilling is required. During construction, all pipelines shall be inspected by this Department in conjunction with other agencies for pipeline identification and separation prior to backfilling.
13. Final approval will be based upon field inspections of the project by this Department during construction and the results of a final cross-connection pressure test.

Enclosed: Guide to safe Recycled wastewater Use, Pipeline Construction and Installation

Sincerely,



FOR CARLOS BORJA

Carlos Borja, MPH, REHS
Chief Environmental Health Specialist
Cross-Connection & Water Pollution Control Program
Department of Public Health, Bureau of Environmental Protection
5050 Commerce Drive, Room 116
Baldwin Park, CA 91706
626.430.5295 office
323.842.9638 cell

Cc: State DPH
Valencia Water Company
E. Erickson, RWQCB
G. van Eekhout, LACDPH



RON CHAPMAN, MD, MPH
Director & State Health Officer

State of California—Health and Human Services Agency
California Department of Public Health



EDMUND G. BROWN JR.
Governor

June 3, 2014

Mr. Sam Unger
Executive Officer
California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013

**SYSTEM NO. 1990017—CASTAIC WATER REUSE PROJECT PHASE I—ENTRADA
DEVELOPMENT EXTENSION**

Dear Mr. Unger:

The California Department of Public Health – Drinking Water Program (Department) has reviewed the Addendum to the Castaic Water Reuse Project Phase I Westridge Development Engineering Report (originally dated February 2002), dated March 2014 submitted by the Castaic Lake Water Agency (CLWA). The Castaic Water Reuse Project Phase I (Reuse Project) takes tertiary treated recycled water from the existing Valencia Water Reclamation Plant (WRP) to existing and potential users in the Santa Clarita Valley. CLWA is planning to distribute recycled water to the Entrada Development through its recycled water pipeline network; the Entrada Development recycled water pipeline network is already constructed, but not in service. It is isolated and not connected to the recycled water distribution system. The Entrada Development recycled water system will consist of an approximately 430 foot long 12-inch diameter recycled water line as described in the Addendum. The Addendum and drawings describe the usage of recycled water which will be, exclusively, for landscape irrigation along the development streets and slopes. The Department finds that the Reuse Project complies with the Department's recycled water requirements; therefore, the Department recommends the use of recycled water at the Entrada Development for landscape irrigation as described in the Addendum subject to the following conditions:

1. Prior to connecting to the recycled water line, CLWA should obtain an approval from the Los Angeles County Department of Public Health (LACDPH) through their review of the internal cross connection evaluation.

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2. CLWA should also obtain LACDPH approval from their site inspection regarding proper identification and labeling of recycled water.
3. CLWA should ensure that the site control measures in the report are implemented as proposed on an on-going basis.

If you have questions regarding this letter, please contact Mr. Juan Arriola at (818) 551-2034 or myself at (818) 551-2016.

Sincerely,



Chi Diep, P.E.
District Engineer
Metropolitan District

cc: Carlos Borja
Los Angeles County Department of Public Health
Cross-Connections & Water Pollution Control Program
5050 Commerce Drive, Rm. 116
Baldwin Park, CA 91706-1423

Cris Morris
Los Angeles Regional Water Quality Control Board
Municipal Permitting Unit
320 West Fourth Street, Suite 200
Los Angeles, CA 90013

Veronica Cuevas
Los Angeles Regional Water Quality Control Board
Municipal Permitting Unit
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Earle Hartling
Sanitation District of Los Angeles County
1955 Workman Mill Road
Whittier, CA 90601

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Matt Bao
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1955 Workman Mill Road
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27234 Bouquet Canyon Road
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