

To: Board of Directors
From: Norma J. Camacho, CEO

Chief Executive Officer Bulletin Week of May 3 – 9, 2019

Board Executive Limitation Policy EL-7:

The Board Appointed Officers shall inform and support the Board in its work. Further, a BAO shall 1) inform the Board of relevant trends, anticipated adverse media coverage, or material external and internal changes, particularly changes in the assumptions upon which any Board policy has previously been established and 2) report in a timely manner an actual or anticipated noncompliance with any policy of the Board.

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Almaden Lake Improvement Project presentation to Lakeview Estates Homeowners Association

On Thursday, May 9, 2019, Valley Water will provide an update on the Almaden Lake Improvement Project (Project) to the Lakeview Terrace Homeowners Association (Association) at its monthly meeting. The Association is comprised of residents from Lakeview Terrace, an apartment complex directly across from Almaden Lake that will experience significant impact from future construction at the site.

The 8 p.m. presentation is at the Association's invitation and marks the second Project update to the community. The Project team last met with Lakeview residents on May 14, 2013, as part of a joint meeting that included residents from the Park Almaden Homes.

Valley Water Board Chair Linda LeZotte will deliver remarks. The update will be provided by the Project team of Capital Engineering Manager and Project Manager.

The presentation will focus on the Project's progress to alleviate some of the water quality and environmental challenges associated with the man-made lake. It will spotlight the preferred alternative designs for the lake and its impact on improving fish passage, reducing methylmercury production and providing recreational opportunities for the public. The update will

address the Project's schedule, including the pending release in late Spring of the draft Environmental Impact Report.

For further information, please contact Rick Callender at (408) 630-2017.

CA Accidental Release Program Regulatory Inspections

In April 2019, staff from Santa Clara County Hazardous Material Compliance Division (HMCD), conducted four (4) compliance inspections associated with the Valley Water's use of aqueous ammonia at our water treatment facilities. Aqueous ammonia is the only chemical used at Valley Water's treatment plants regulated under the State of California Accidental Release Program (CalARP). The goal of CalARP is to prevent accidental releases of hazardous substances that pose the greatest risk of immediate harm to the public and the environment.

Under CalARP, each regulated facility is required to prepare a Risk Management Plan. A Risk Management Plan is a document prepared by the owner, or operator, of a stationary source containing detailed information including, but not limited to:

1. Regulated substances held on-site at the stationary source;
2. Off-site consequences of an accidental release of a regulated substance;
3. Accident history at the stationary source;
4. Emergency response program for the stationary source;
5. Coordination with local emergency responders;
6. Hazard review or process hazard analysis;
7. Operating procedures at the stationary source;
8. Training of personnel;
9. Maintenance and mechanical integrity of the stationary source's physical plant; and
10. Incident investigation.

During each compliance inspection, the HMCD inspector reviewed various engineering controls and administrative procedures, which support the safe operation of the aqueous ammonia systems. Featured compliance highlights included: continuous monitoring of the ammonia system via the Supervisory Control and Data Acquisition (SCADA) system, numerous written standard operating procedures specific to the operation of the aqueous ammonia systems, staff that are well-trained on plant operations, and an on-going asset management program which maintains the mechanical integrity of the aqueous ammonia systems.

There were two (2) common recommendations noted, by HMCD, that applied to all four (4) inspected facilities:

1. Re-validate seismic assessments of the entire aqueous ammonia tank and piping configurations. Previous seismic assessments were conducted back 2008; however, assessments need to be updated to reflect current conditions. Valley Water is investigating if previous geotechnical investigations are sufficient, otherwise, completing this assessment will require external consultant support.
2. Coordinate with the applicable local responding fire stations to arrange site visits so fire personnel responding to the locations have first-hand knowledge of site characteristics, e.g., hydrants, fire pumps, adjoining neighborhoods, etc. Valley Water will correspond with San Jose Fire Department - Bureau of Fire Prevention to request local responding fire personnel complete an onsite tour of CalARP facilities.

For further information, please contact Tina Yoke at (408) 630-2017.

Safe, Clean Water FY18 Mini-Grants Program - Living Classroom's Development and Implementation of "Sustainable Soil and Water" Lesson Project Completion and Closeout

During FY2018, Valley Water awarded Living Classroom, a 501(c)(3) nonprofit organization with a mission to inspire children to learn and value our natural world through garden-based education, with \$5,000 through its Mini-Grants Program. The total project cost was \$7,000.

Living Classroom's Mini-Grant Project engaged 5th graders in "Sustainable Soil and Water" lessons that allowed them to learn about local watersheds and how they can play a role in protecting the water quality and conserving the quantity. More specifically, with support from Valley Water, the grantee rewrote its existing Sustainable Soil and Water lesson curriculum, after which they assembled kits that were later shared with 5th grade teachers from Addison and El Carmelo Elementary Schools in Palo Alto. In addition to providing the kits, Living Classroom also provided staff members and volunteers with training on assisting teachers to implement the new curriculum.

Key Outcomes:

1. Sustainable Soil and Water Lesson rewritten (August 2018 – January 2018)
2. Lesson Kits assembled (December 2018)
3. Staff and docents trained (December/January)
4. Lessons taught at Addison and El Carmelo Elementary Schools (January – February 2019)
5. Lesson evaluation and learning outcomes

Key Metrics:

- 90% of students surveyed gave the new curriculum a passing or satisfactory response to questions that evaluated their understanding of the lesson objectives
- Each of the 5th grade teachers at Addison and El Carmelo Elementary that participated in the project gave the lesson "5's across the board"- A score of "5" indicates that the teachers strongly agree that the lesson met their expectations, objectives, included all necessary materials, and that the lesson delivery was effective and done well in engaging students
- The project served a total of 125 fifth grade students

For further information, please contact Rick Callender at (408) 630-2017.

Rooftop Fall Protection work at Headquarters Almaden Campus Buildings

Over the past several months, Valley Water has been performing work on rooftops at some of the Headquarters Almaden Campus Buildings. This work is part of an effort to provide a permanent means for fall protection for those that perform maintenance activities on rooftops.

Unit welders have begun installing guardrails, skylight guards, and fixed ladders with self-closing gates on several of the campus buildings. So far, guardrails have been installed on both the Facilities Maintenance Building and Blossom Hill Annex. Within the next few months, welders will begin fabricating guardrails for the Crest Building. Planning is underway to determine permanent means for fall protection for the Administration Building, Watersheds Field Operations Building, and Winfield Complex Warehouses.

Aside from guardrails, welders have installed skylight guards at Blossom Hill Annex and the Winfield Warehouse. Three (3) skylight guards were installed at the Blossom Hill Annex, and 31 were

installed at the Winfield Warehouse. Unguarded skylights are of concern because the material from which skylights are made can degrade over time and pose fall hazards for staff that work on rooftops.

For further information, please contact Tina Yoke at (408) 630-2017.

Valley Water funds SJPd patrols to clear out criminal activity along streams and provide a safe work environment for staff and volunteers

Valley Water has signed an agreement with the City of San José to pay \$200,000 for the City of San Jose's Police Department (SJPd) to conduct patrols targeting criminal activities along local waterways, including Coyote Creek and Guadalupe River. SJPd conducted the first such sweep at the William Street Park area along Coyote Creek on May 2, 2019.

Valley Water carry out encampment cleanups along local streams to reduce contaminants in creeks. In recent years, there has been a growing concern about the potential health and safety risks that staff and volunteers face due to criminal activity along local waterways.

SJPd has revived its Street Crimes Unit, which targets criminal activity impacting the quality of life of the residents of the city, including the diminishment of the values provided by local waterways. However, SJPd has limited resources and cannot support a proactive approach to improve the safety of Valley Water personnel and volunteers along local waterways.

The agreement provides for Valley Water to fund the law enforcement personnel cost of the Stream Stewardship Law Enforcement Program, an eight (8) month pilot program focusing on law enforcement in streams within the City. The program is vital to provide a safe environment for staff and volunteers to undertake stream stewardship activities and discourage re-encampments.

Under the agreement, SJPd will work with Valley Water to identify sections of streams that will be the focus of law enforcement action. The patrols will be one (1) day every alternate week, with at least one (1) of the two (2) days being a work day.

SJPd will provide Valley Water a monthly report giving a summary of activities carried out by the law enforcement teams. It will specify the crime abatement activities undertaken within the targeted sections, including specific locations, date, time and hours of sweeps, the number of arrests and/or criminal citations and types of crimes addressed.

SJPd will also notify Valley Water of any criminal activity in or along the streams discovered by law enforcement personnel so that Valley Water can warn its employees, contractors and volunteers working in those waterways.

Furthermore, SJPd officers on the Stream Stewardship Law Enforcement teams will refer homeless individuals encountered during the sweeps to the appropriate city or county agency, or social service provider.

For further information, please contact Melanie Richardson at (408) 630-2035.
