

MEMORANDUM

TO: Nate Dickinson, PE
Ronnie Hao, PE
Steven Yasutake, PE
SANDIS

DATE: 08/21/2018

FROM: Rupeet Malhotra, PE
Robin Lee, PE

JOB#: SAND.27.18

SUBJECT: Vallco Town Center Development Preliminary SWMP Third-Party Review and
Conditional Approval

At the request of the SANDIS, we have performed a third-party review of the Vallco Town Center mixed use development project preliminary SWMP Sheet and C.3 forms dated August 2018. The 49.13-acre development will include approximately 1,810,000 sf office space, 400,000 sf of retail space, 4,400,000 sf of residential space (2,402 units), supporting infrastructure including a green roof, utilities, site work & stormwater treatment. The project is located at 10123 North Wolfe Road in Cupertino, California.

The project includes onsite treatment using rainwater harvesting and reuse. 100% of the harvested rainwater will be held onsite with cisterns for rainwater harvesting and reuse. The project has demonstrated that sufficient toilet use demand exists to reuse the harvested rainwater. *The project is currently evaluating the irrigation demand for the landscape area and green roofs. The irrigation demand will be subsequently added to the indoor flushing demand to substantiate the demand for harvested water on the project.*

Based on our review of the SWMP sheet, C.3 forms, and sizing calculations, the plan complies conditionally with the requirements of the SCVURPPP C.3 Stormwater Handbook (June 2016), provided the items listed below are submitted with the Stormwater Management Plan at the final permitting stage.

The items that must be included at the final permitting stage include:

1. Final Site Utility Plan.
2. Final Site Grading Plan.
3. Stormwater Treatment Measure Operation and Maintenance Inspection Reports for the treatment measures as part of the Stormwater Management Plan. These templates can be obtained at http://www.scvurppp-w2k.com/pdfs/1516/c3_handbook_2016/Appendix_G.pdf
4. Verbiage regarding stenciling of all storm drain inlets "No Dumping, Flows to Bay".
5. Irrigation demand sizing calculations (if irrigation demands will subsequently become part of the projected demand for harvested water.
6. Cistern sizing and manufacturers manuals
7. Evidence that the design shall also meet water quality requirements in Chapters 16 and 17 of the California Plumbing Code.
8. The geotechnical report including soils maps, borings and site specific recommendations, if available.

9. Cost estimates for all proposed on-site stormwater management facilities for the purpose of calculating the amount of any required performance bonds and determining BMP practicability.

The sizing, selection, and preliminary design of storm water treatment control BMPs in the SWMP **conditionally** meet the requirements of the SCVURPPP Handbook and C.3 provisions based on the information supplied in the SWMP. If you require any additional information, please feel free to call me at the number above.

Sincerely,

Schaaf & Wheeler



Rupeet Malhotra, PE

Associate Engineer