

Engineering has reviewed the TRC submittal for the Tru Colors Brewery project and offers the following comments:

1. This project is proposing the construction of on-site newly constructed impervious surface greater than 10,000 sf, therefore the project is subject to full stormwater review. Please submit the Stormwater Management Permit Application, \$1,000 permit application processing fee, one full set of design plans, calculations, and any other supporting documentation to Engineering for review. Please also submit a digital copy of the entire submittal package. Additional comments will be made once the full engineering submittal is reviewed. Please note our review times are approximately 20 – 25 days right now. Please factor this into your submittal.
2. All stormwater control systems must be designed to treat the stormwater runoff from all surfaces generated by one and one-half (1-1/2) inches of rainfall for water quality purposes. This requirement is only for additional impervious surface (BUA) added to the site.
3. The City has determined regardless of density classification or location the minimum control for safety of life and property to be the control of the post-development peak discharge rate of the two (2)-year, ten (10)-year, & twenty-five (25)-year storms to not exceed the pre-development peak runoff discharge rate for the same storms. An adjusted Curve Number can be used for existing conditions (Pre-development) and no longer needs to consider the Pre condition as “Woods Good”.
4. Piped collection systems shall be designed for the 10-year frequency storm event and analyzed for the 50-year frequency storm event to check the system for flooding. Assign an appropriate tailwater for analysis.
5. Please provide Geotechnical Report with Stormwater Submittal showing infiltration rates and SHWT for proposed underground infiltration basin.
6. Assure runoff from the site does not sheet flow across public sidewalk. Roof drains may be needed to make a direct connection to existing stormwater infrastructure within right-of-ways.
7. Include Inlet drainage area maps with the analysis or within the plan set. Please make sure each drainage area is labeled and quantified.
8. Will there be any X-Section revisions to S.8<sup>th</sup> Street, S. 7<sup>th</sup> Street and/or Martin Street or just the addition of striping for parallel (on-street) parking? These non-standard X-Sections will need variance approvals.
9. Assure curb & cutter is replaced at all closed driveway locations.
10. Based on Aerials there does not look to be any existing sidewalk along 7<sup>th</sup> Street. Please confirm survey data.
11. Please provide construction details for SCM along with a Grading / Drainage plans.