



BEAUTIFICATION COMMITTEE STAFF REPORT

ITEM NO. 4.2

DATE: April 8, 2026

TO: Chairperson and Members of the Beautification Committee

FROM: Marisa Gan, Management Analyst II

SUBJECT: Receive a presentation from Tricia Pontau and the Tri-Valley Youth Climate Action Program on the City's heat mapping work.

RECOMMENDED ACTION

Staff recommends the Beautification Committee receive presentation from Tricia Pontau and the Tri-Valley Youth Climate Action Program on the City's heat mapping work.

DECISION TYPE

Administrative

SUMMARY

The Beautification Committee will receive two presentations on the City's heat mapping work. The City partnered with local agencies to conduct a citywide heat mapping campaign. It identified the neighborhood north of Downtown Livermore as an area that experiences elevated urban heat impacts. The City has developed a pilot free tree program aimed at reducing the heat impact and increasing urban canopy in this neighborhood.

DISCUSSION

The City of Livermore adopted a Climate Action Plan that establishes strategies to reduce greenhouse gas emissions and prepare the community for climate impacts, including extreme heat. In partnership with Quest Science Center, the City analyzed local climate conditions and mapped urban heat islands across Livermore. That analysis identified the area north of Downtown Livermore as an area experiencing elevated heat impacts. In response, the City has launched a new pilot program to provide free trees for single-family residents in the neighborhood. The trees will be delivered to participating households sometime during Earth Week (April 19-26) along with planting supplies and care instructions. Planting trees is a recognized way to reduce urban heat by providing shade and natural cooling while also improving air quality, supporting wildlife, managing stormwater, and enhancing neighborhood beauty.

ATTACHMENTS

1. Staff Presentation - Urban Heat Mapping
2. Quest Science Presentation - Mapping Livermore's Thermal Landscape

Prepared by: Rebecca Aguilera
Administrative Clerk II