

#4 - ARTS, SCIENCE & CULTURE INITIATIVE

PROGRAM SUMMARY

The Cultural and Science, Technology, Arts and Math (STEAM) outreach initiative identifies opportunities for engagement with artists, educators, and students to tell the important story of our human relationship with the water cycle and pollution prevention (P2). Spaces throughout the treatment plant could become a community living laboratory, gathering area, and/or inspirational outreach center for exploration of scientific concepts through the expression of functional public art.



Image of similar tank artwork



Existing tanks with murals or vinyl art-overlay

Project Goals

- Enhance the facility for employees and the community;
- Integrate educational opportunities for pollution prevention with cross-discipline engagement;
- Partner with adjacent schools and educators to engage youth;
- Incorporate adaptability into project designs to enable adjustments as key messages evolve, and
- Bring attention to important issues around water, society, and equity by inviting community members to ponder big questions.

Why? What Vulnerability Addressed?

- Engaging with classrooms and community groups to tell our story in a different way diversifies representation and has the opportunity to address specific and relevant themes (e.g., plastics, nutrients, and access to clean water).

Project Benefits

- Public engagement and education
- Long term collaboration with community
- Career opportunities

Climate - Mitigation & Adaptation - Potential

Both climate adaptation and mitigation themes can be explored and depicted in installations to raise awareness and understanding about the issues that impact us all.

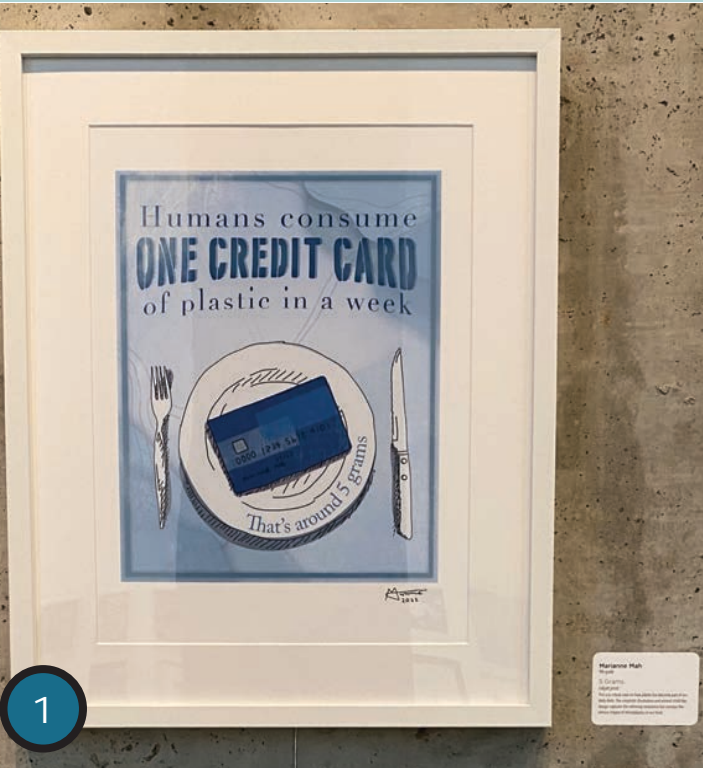


Site Map indicating site wide opportunities for STEAM project installations - NTS

Campus Arts Outreach Opportunities

- 1 FSSD Facility -**
 - Opportunity to showcase the cycle of water
 - Educational outreach to visitors and employees, provoking thought about pollution prevention priorities
 - Gathering area for community - art shows
- 2 Tank Art**
 - Utilize the expansive “tank canvas” to tell an important story about the facility and its function
 - Enhance the campus
 - Showcase the story of the digester connection to Jelly Belly factory
- 3 Grove**
 - Opportunity to engage with the community with an educational art piece
 - Integrate relevant P2 themes into functional features (e.g., benches or shade structures)
 - Sculpture garden with upcycled materials from FSSD
- 4 Wetland Ponds**
 - Sculptural art pieces could tell the story of restoration, habitat, water cycle, and connection to Suisun Marsh
 - Functional sculpture could serve as a shade structure or bird habitat
- 5 Community Treatment Wetlands**
 - Art installation could be combined with overlook or education kiosk
 - Theme could include healthy water, connection to slough or bird habitat
 - Opportunity for a “living laboratory”

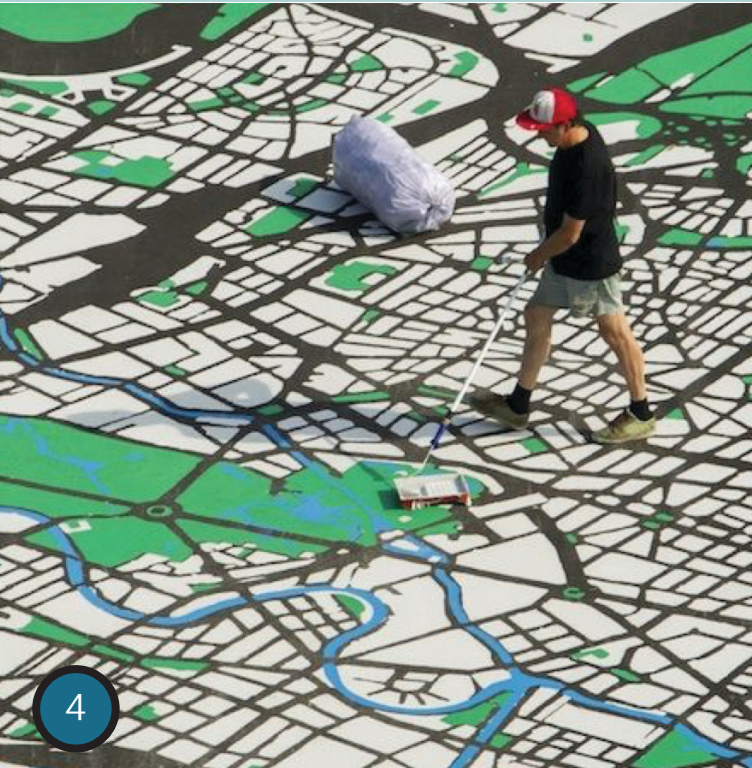
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1



3



4



2



5

Image Key

1. Art Students communicate issues relevant to the wastewater industry and our community (source: Microplastics Exhibit at the David Brower Center)
2. The iconic and beloved upcycled sculpture at the Suisun Wildlife Center that connects art to the Center's mission while promoting waste reduction.
3. A 2019 public art installation in London, 'Please be Seated' by Paul Cockledge,

Regulatory Considerations

- Each installation is unique and will require individual regulatory requirements.

Long-term O&M Considerations

- Each installation would be unique and will require individual evaluation of the O & M considerations. Long term maintenance should be a consideration of each project budget and design.

Next Steps (to Implement) Major Tasks and Timeline

- Establish a site wide concept plan of individual project opportunities;
- Identify small short term low-budget projects and longer term larger budget project;
- Coordinate with local schools and STEAM resources for educational teaming opportunities; and
- Coordinate opportunities with Arts planners (Suisun City, Fairfield)

Planning Level Cost Estimate

1. Capital Cost = \$100,000
2. Operations & Maintenance = ~TBD

Grant Funding Potential / Ideas

- Fairfield Suisun City Public Art Programs
- Build costs into larger project budgets and planning
- Capital projects integrate a % for the arts program - RFP Process
- Partnering with local businesses

Potential Project Partners

UC Davis, Fairfield Suisun Unified School District, Solano Community College, Suisun City % for the Arts Ad-hoc subcommittee, City of Fairfield Cultural Arts Advisory Committee, City of Fairfield Community Development

made with upcycled scaffolding planks. What could artists create with retired wastewater treatment components?

4. Artists paint a map of Berlin on Central Square to celebrate the city's 775th birthday.
5. A multi-sensorial garden in Favara, Italy features a landscaped terrace with plants, seating, and paths in a hexagon pattern.



RESILIENT & GREEN MASTER PLAN

