

**BAY AREA REGIONAL WATER RECYCLING PROJECT**- This project is a valuable use of taxpayer funds because it will expand the use of recycled water to augment limited surface water supplies, preserve overdrawn river and groundwater supplies, and improve the overall security and reliability of the San Francisco Bay Area's urban water systems.

- **Requested Amount** – \$16,112,200
- **Intended Recipient** – Bay Area Clean Water Agencies
- **Address** – 2500 Pittsburg Antioch Highway, Antioch, CA 94509
- **Website** – <http://www.watereuse.org/files/images/TitleXVIFederalFunding.pdf>

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**COYOTE AND BERRYESSA CREEKS, CA**- Funding will be use to start preconstruction engineering and design, perform surveys, geotechnical and hydraulic modeling, and design work on this project which is a valuable use of taxpayer funds because it provides extensive flood protection to the area downstream of Montague Expressway in Milpitas and San Jose where potential damages from a 1-percent flood exceed \$250 million.

- **Requested Amount** - \$500,000
- **Intended Recipient** - Santa Clara Valley Water District
- **Address** -5750 Almaden Expressway, San Jose, CA 95118

- **Website** – <http://www.valleywater.org/services/CoyoteCreek.aspx>

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**Elmwood Correctional Facility Self-Sufficiency Greening Project**– Santa Clara County proposes to implement solar photovoltaic system for parking lot lighting, solar hot water system to supply kitchen and laundry needs, replace inefficient HVAC equipment, and support adult corrections educational programs at the Elmwood Correctional Facility. This project is a valuable use of taxpayer funds because it will create a model for use by other prisons, particularly local correctional facilities, to cut energy costs and greenhouse gas emissions which addresses the DOE-identified need to develop flexible, sophisticated, proven financial approaches for funding renewable energy installations.

- **Requested Amount** - \$1,000,000
- **Intended Recipient** – County of Santa Clara, CA
- **Address** - 2310 N. First Street, San Jose, CA 95131

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**Energy Efficient Building Demonstration Project and Field Test** - The City of Milpitas will perform an energy efficiency upgrade of the Milpitas Police Department/Public Works Building, including a field test which would involve replacing old, tinted, single-pane windows with cutting-edge energy efficient all-solid-state electrochromic dynamic windows. This project is a valuable use of taxpayer funds because it will help bring energy efficient windows to consumers which will save significantly more energy than those being used today.

- **Requested Amount** - \$1,500,000
- **Intended Recipient** - City of Milpitas, CA
- **Address** - 455 East Calaveras Boulevard, Milpitas, CA 95035

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**Greater Bay Area Solar Initiative-** This project is a valuable use of taxpayer funds because it will help local governments and agencies to evaluate, procure, manage, and monitor municipal solar projects to avoid cost overruns and installed system inefficiencies.

- **Requested Amount** - \$1,800,000
- **Intended Recipient** – Joint Venture: Silicon Valley Network
- **Address** - 100 West San Fernando, Suite 310, San Jose, CA 95113

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**GUADALUPE RIVER, CA–** Funds will be used to complete this project which is a valuable use of taxpayer funds because it provides needed flood protection to downtown San Jose and the surrounding area while protecting and improving water quality of the river and preserving and enhancing the rivers habitat, fish and wildlife. The project will protect the region from potential

damages from a one percent flood with possible damages exceeding \$576 million with average annual damages of \$25.8 million.

- **Requested Amount** - \$200,000
- **Intended Recipient** - Santa Clara Valley Water District
- **Address** -5750 Almaden Expressway, San Jose, CA 95118
- **Website** - <http://www.valleywater.org/services/guadalupe.aspx>

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**LLAGAS CREEK, CA**– Funds will be used for environmental documents, design, review, and planning efforts on this project which is a valuable use of taxpayer funds because it will provide flood protection for 1,100 homes, 500 businesses, and over 1,300 acres of agricultural land in Santa Clara County; protect and improve water quality; and preserve the river's habitat, fish, and wildlife.

- **Requested Amount** - \$2,000,000
- **Intended Recipient** - Santa Clara Valley Water District
- **Address** -5750 Almaden Expressway, San Jose, CA 95118
- **Website** - <http://www.valleywater.org/Services/UpperLlagas.aspx>

**Motor Program Generator for Wind Turbine Composite Blade Design**– Founding would support this wind energy development project which is a valuable use of taxpayer funds because it will significantly increase wind energy output by about 25-35% as determined by computer simulation, reducing the cost of wind energy and making it a cost competitive energy source, helping our nation become more energy independent.

- **Requested Amount** - \$1,000,000
- **Intended Recipient** – Black Technologies Advancement
- **Address** - 1190 Saratoga Avenue, Suite 150, San Jose, CA 95129

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**NASA Ames Research Park Energy Efficiency Improvements**– Funds will be used for planning, construction and replacement of energy infrastructure for this project which is a valuable use of taxpayer funds because it will enable the development of the NASA Ames Research Park, a public/private research collaborative that is estimated to generate \$3.4 billion in annual economic activity in the San Francisco Bay Area and close to 18,000 permanent jobs through the development and commercialization of new advanced technologies.

- **Requested Amount** - \$5,100,000
- **Intended Recipient** – University Associates-Silicon Valley
- **Address** -P.O. Box 244, NASA Research Park, Moffett Field, CA 94035
- **Website** - [http://svi.ucsc.edu/svi\\_nrp.html](http://svi.ucsc.edu/svi_nrp.html)

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**PAJARO RIVER, CA**– Funds would be used for the Environmental Impact Statement, evaluation, and design work for this project which is a valuable use of taxpayer funds because it will provide 100-year flood protection along the lower Pajaro River and Corralitos /Salsipuedes Creeks where inadequate flood protect risks both urban and agricultural land.

- **Requested Amount** - \$4,600,000
- **Intended Recipient** - Pajaro Valley Water Management Agency
- **Address** - 36 Brennan Street, Watsonville, CA 95076
- **Website** - <http://www.pajaroriverwatershed.org/>

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**SAN JOSE AREA WATER RECLAMATION/REUSE PROGRAM - TITLE XVI**– This project is a valuable use of taxpayer funds because it increases water supply reliability and protects endangered species by reducing wastewater discharges into San Francisco Bay through the recycling of wastewater, providing a constant supply of high quality recycled water for industry and irrigation to support sustainable urban water use and protect Silicon Valley’s economy as California faces growing concerns about water shortages.

- **Requested Amount** - \$300,000

- **Intended Recipient** - City of San Jose, CA
  - **Address** -200 East Santa Clara Street, Floor 18, San Jose, CA 95113
  - **Website** - <http://www.sanjoseca.gov/sbwr/>
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**Smart Streetlight Demonstration Project**- This project is a valuable use of taxpayer funds because it will expand the use of efficient street lights, reducing unnecessary energy use and greenhouse gas emissions while also enabling accessible recharging for plug-in electric vehicles and lowering the cost of streetlight operations and maintenance and fostering the growth of clean technology jobs.

- **Requested Amount** - \$600,000
  - **Intended Recipient** - City of San Jose, CA
  - **Address** - 200 East Santa Clara Street, Floor 18, San Jose, CA 95113
  - **Website** - <http://www.sanjoseca.gov/pdf/SanJoseGreenVision.pdf>
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**South San Francisco Bay Emergency Port Access, CA**- This project is a valuable use of taxpayer funds because it would determine if there is a federal interest in moving forward into a cost-shared feasibility study to establish emergency port access for use to move goods, commerce, and supplies in and out of the South Bay in the event of a disaster.

- **Requested Amount** - \$100,000
- **Intended Recipient** - Santa Clara Valley Water District
- **Address** -5750 Almaden Expressway, San Jose, CA 95118

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**SOUTH SAN FRANCISCO SHORELINE, CA**– Funding will be used for work on the Feasibility Report for this project which is a valuable use of taxpayer funds because it will provide tidal and fluvial flood protection for Silicon Valley, including approximately 42,800 acres, 7,400 homes and businesses, and major highways, parks and airports.

- **Requested Amount** - \$2,800,000
- **Intended Recipient** - Santa Clara Valley Water District
- **Address** - 5750 Almaden Expressway, San Jose, CA 95118
- **Website** - <http://www.southbayshoreline.org/>

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**UPPER GUADALUPE RIVER, CA** – Funding will be used for construction for this project which is a valuable use of taxpayer funds because it will provide flood protection for 7,500 homes in Santa Clara County with potential damages from a 100-year flood event exceeding \$280 million and also provide long-term environmental benefits for fish and wildlife habitat.

- **Requested Amount** - \$12,500,000
- **Intended Recipient** - Santa Clara Valley Water District
- **Address** -5750 Almaden Expressway, San Jose, CA 95118
- **Website** - <http://www.valleywater.org/services/guadalupe.aspx>

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**UPPER PENITENCIA CREEK, CA**– Funding will be used to finish the feasibility study for this project which is a valuable use of taxpayer funds because it will provide flood protection to over 5,000 homes, schools and businesses in the communities of San Jose and Milpitas and surrounding areas, with potential damages from a 100-year flood exceeding \$455 million.

- **Requested Amount** - \$364,000
- **Intended Recipient** - Santa Clara Valley Water District
- **Address** -5750 Almaden Expressway, San Jose, CA 95118
- **Website** - [http://www.valleywater.org/Water/Watersheds - streams and floods/Watershed info & projects/Coyote/ Project pages/Upper Penitencia.shtm](http://www.valleywater.org/Water/Watersheds_-_streams_and_floods/Watershed_info_&_projects/Coyote/Project_pages/Upper_Penitencia.shtm)

