
File No.: 17-0366

Agenda Date: 6/15/2017

Item No.: 5.

BOARD AGENDA MEMORANDUM

SUBJECT:

Presentation and Discussion on SCVWD's and GCRCD's Interests to Improve and Maintain Natural Resources/Conservation.

RECOMMENDATION:

Receive information and discuss what each organization's interests are, with a goal to find a common nexus with which both organizations can work collaboratively.

SUMMARY:

The District has several programs which are intended to preserve and improve the natural resources within our county. The five Safe Clean Water priorities established to preserve and improve the natural sources are:

- Priority A: Ensure a safe, reliable water supply
- Priority B: Reduce toxins, hazards and containments in waterways
- Priority C: Protect water supply from earthquakes and natural disasters
- Priority D: Restore wildlife habitat and provide open space
- Priority E: Provide flood protection to human, business, schools and highways

Several examples of those programs include: Safe Clean Water Program, Water Resources Protection Ordinance, Climate Change Adaptation & Planning, South Bay Salt Pond and Shoreline Projects, Natural Flood Protection Programs, and the One Water Plan. These programs and others show the District's commitment to stewardship and improving and preserving the natural resources in our county.

FINANCIAL IMPACT:

There is no financial impact associated with this item.

CEQA:

The recommended action does not constitute a project under CEQA because it does not have a potential for resulting in direct or reasonably foreseeable indirect physical change in the environment.

ATTACHMENTS: Attachment 1:
PowerPoint

UNCLASSIFIED MANAGER:
Afshin Rouhani, 408-630-2616

Programs to Improve and Preserve Natural Resources

- ▶ Safe Clean Water Program
- ▶ Water Resources Protection Ordinance
- ▶ Climate Change Adaptation & Planning
- ▶ South Bay Salt Pond & Shoreline Projects
- ▶ Natural Flood Protection Programs
- ▶ One Water Plan



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Safe, Clean Water Program



Priority A:
Ensure a safe, reliable
water supply

Safe, Clean Water
and Natural Flood Protection



Priority B:
Reduce toxins, hazards and
contaminants in our waterways

Safe, Clean Water
and Natural Flood Protection



Priority C:
Protect our water supply from
earthquakes and natural disasters

Safe, Clean Water
and Natural Flood Protection



Priority D:
Restore wildlife habitat
and provide open space

Safe, Clean Water
and Natural Flood Protection



Priority E:
Provide flood protection to homes,
businesses, schools and highways

Safe, Clean Water
and Natural Flood Protection

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Water Quality

SCW – B1, B2, and B5 – Impaired Water Bodies, Urban runoff, and Hazardous Materials Response

- ▶ Santa Clara Valley Urban Runoff Pollution Prevention Program and South County programs
 - ▶ Trash capture and pollution prevention activities
 - ▶ Support with pathogen and nutrient studies
 - ▶ Stormwater Resource Plan-green infrastructure
- ▶ Impaired Water Bodies Program
 - ▶ Mercury reduction
 - ▶ Trash removal
- ▶ Hazardous Materials Response



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Good Neighbor Programs

SCW B4 and B6

- ▶ Illegal Encampments
- ▶ Graffiti and Trash



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Partnerships and Grants

SCW B3, B7 and D3 – Pollution Prevention, Clean-up and Education, and Restore Habitat and Provide Trail Access



- ▶ B3- Pollution prevention partnerships and grants;
- ▶ B7- Support volunteer cleanup efforts and education
- ▶ D3- Grants and partnerships to restore wildlife habitat and provide access to trails



Restore Habitat and Provide Open Space

SCW D1, D2, D4, D5, D6, D7 and D8

- ▶ Revegetation site establishment
- ▶ Revitalization of habitats
- ▶ Fisheries habitat improvements
- ▶ Watershed assessments and analysis
- ▶ Creek restoration
- ▶ Conservation of lands
- ▶ Habitat rehabilitation and sediment reuse



Water Resources Protection Ordinance

- ▶ Enforce the Water Resources Protection Ordinance using the Water Resources Protection Manual
 - ▶ Evaluate projects and activities on District right of way
 - ▶ Technical assistance to land use agencies for applying Guidelines and Standards for Land Use Near Streams



Climate Adaptation Strategies



CLEAN, RELIABLE
WATER



FLOOD
PROTECTION



HEALTHY CREEKS
& ECOSYSTEMS



& IMPROVE THE
QUALITY OF LIFE IN
SANTA CLARA
COUNTY.

manage water use
demands

drought-proof
supplies

increase system
flexibility

downscale
GCMs

incorporate sea level rise into
planning and design

Flood **warning**
systems

coastal flood
mapping

prepare for rising tides
& coastal flooding

ecosystem
resiliency

native vegetation to
reduce wave damage.

improved ecotones and
habitat connectivity

stream and watershed
preservation

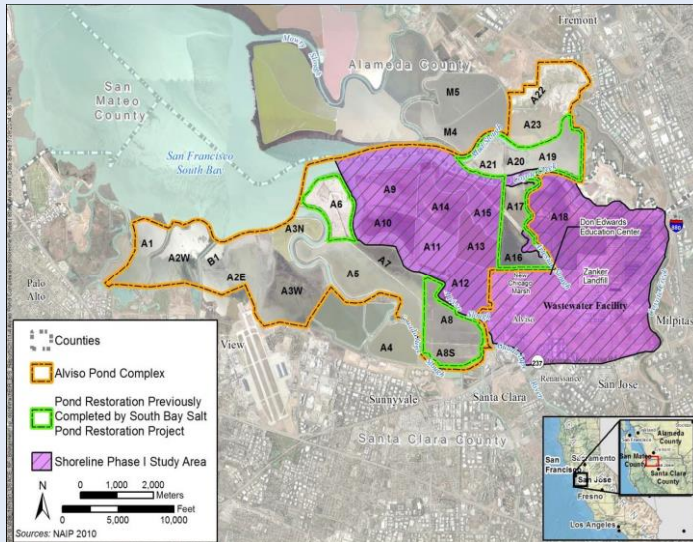
renewables
offsets

carbon
neutrality

carbon
divestment
policy



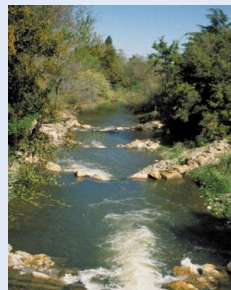
South Bay Salt Pond Restoration and Shoreline Study



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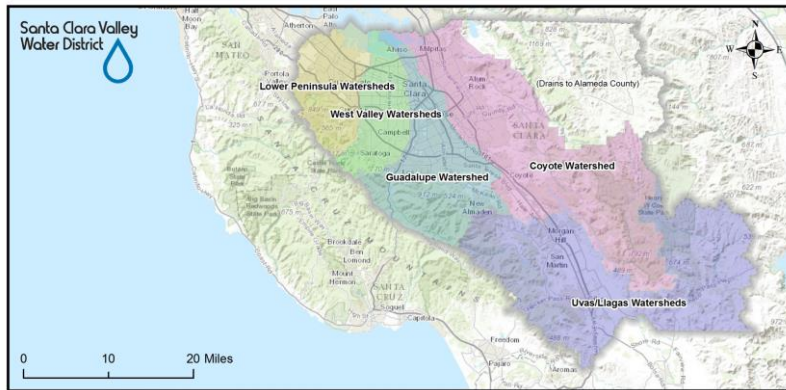
Natural Flood Protection

- ▶ Green designs and features (detention basins, Large Woody Debris, etc.)
- ▶ Working Group's - early agency consultation
- ▶ Adaptive management teams



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One Water Plan: Flood Risk Reduction + Water Supply + Stewardship



- Identify multi-benefit projects to improve watershed health
- Prepare for grants and funding
- Establish priorities for future funding
- Improve community and agencies partnerships

