Alameda County Flood Control & Water Conservation District

report to the COMMUNITY

fiscal years 2014 & 2015

TABLE OF CONTENTS

Message from the Director

Daniel Woldesenbet, Ph.D., P.E.

DIRECTOR *Alameda County Flood Control & Water Conservation District, and Alameda County Public Works Agency*

I'M CONTINUALLY IMPRESSED with the actions Alameda County residents and businesses are taking to improve our community's sustainability and quality of life. The Alameda County Flood Control and Water Conservation District ("District") is integrating sustainability into all our programs, often behind the scenes. Many people may not realize all the ways we, too, are reaching into the community to help build a sustainable future.

The District's core mission is to provide flood protection for the residents and businesses of Alameda County, while preserving the Bay Area's natural environment. We've been safeguarding the quality of life in Alameda County since 1949.

The San Francisco Bay Area is famous for its natural beauty and diverse ecosystems. As environmental stewards, we're deeply committed to protecting Alameda County's natural resources.

As flood control managers, we're upgrading and maintaining our infrastructure to handle high stormwater flows. Where possible, we use innovative green solutions and restore and protect creeks to their natural conditions.

As a responsible member of the community, we're also doing our part to conserve water, recycle green waste, pick up trash, minimize pollution, and improve water quality.

In this report, we describe just a few projects and programs that highlight our efforts improving our community's quality of life. By incorporating sustainability into all that we do, we're helping to ensure that Alameda County will thrive in the future. Please visit our website (**acfloodcontrol.org**) for more information about us and our projects.

District Overview | HOW WE WORK

THE ALAMEDA COUNTY FLOOD Control and Water Conservation District (the "District") is responsible for flood control management to protect Alameda County residents and businesses from damaging floods. Our simpler and more straightforward projects can usually be completed in a few months, while other complex projects require collaboration with many different partners over many years. Here are some of the steps we follow.

STUDIES AND EVALUATIONS

Before we begin a major project, we analyze the underlying issues. Hydrologic, geotechnical, and environmental studies may be done to help us identify possible solutions.

DESIGNS

We prepare detailed engineering plans and specifications (called a "bid package"), along with a construction schedule and cost estimate, for all of our construction projects.

PERMITTING

Project permitting occurs in tandem with project design. Federal, state, regional, and local agencies check to make sure that the design complies with environmental requirements and municipal codes. Sometimes, we may need to obtain right-of-way or easements.

CONSTRUCTION

The District posts the bid package on the Alameda County Public Works Agency's website and asks for bids from contractors. We encourage participation by small and local companies. Typically, per public contracting code, the contractor with the lowest bid is awarded the project.

INSPECTIONS AND MONITORING

Throughout project construction, District staff inspects the work and coordinates with the contractor to make sure the project is built according to the design plans. For some projects, permitting agencies may require ongoing monitoring and reporting.

MAINTENANCE AND OPERATIONS

The District performs ongoing maintenance of our facilities to ensure they run smoothly. Proper maintenance extends the life of the infrastructure, which improves the public's return on investment.

PROJECTS

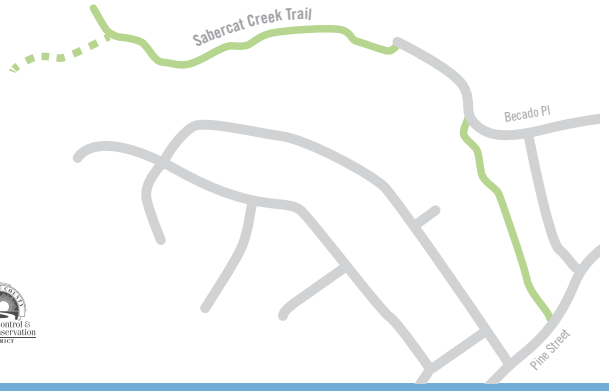
and the Community

PUBLIC TRAILS | TREE MANAGEMENT ALONG CREEKS | CREEK RESTORATION | INFRASTRUCTURE

Public Trails

PROVIDING FLOOD CONTROL WHILE PROMOTING A HEALTHY ENVIRONMENT AND HEALTHY PEOPLE

"We're happy to provide right-of-way access to create this precious new greenway."



THE DISTRICT WORKS WITH THE community and local agencies to help create and restore public trails throughout Alameda County. For instance, we partnered with a coalition of city and park agencies to restore the unique two-mile **Sabercat Creek Trail in Fremont**.

Sabercat Creek Trail runs through a former archaeological dig site where thousands of fossils dating back about 1.8 million years have been collected—including mammoths, saber-toothed cats, wolves, giant sloths, and cave bears.

Bank erosion was so severe along Sabercat Creek that parts of the creekside trail had crumbled. The District helped stabilize the creek banks, restore the trail, provide a picnic area, install a fence to keep out cattle, and plant native vegetation. Public access to this amazing community resource was also greatly improved by providing new access paths that connect the east and west trails.

Along **San Leandro Creek through San Leandro and Oakland**, the District is joining hundreds of residents and a multiagency coalition to create a new trail and recreational area; improve water quality in the creek; provide vital habitat; and protect areas of historical, cultural, and ecological significance.

The San Leandro Creek Trail Master Plan Study began in fall 2015, and will be completed in summer 2017. It's being developed in collaboration with the public and many partnering agencies: city of San Leandro, city of Oakland, Rails-to-Trails Conservancy, East Bay Regional Park District, Merritt College, National Park Service, Friends of San Leandro Creek, and BART. We're proud to be a part of this community, and we're happy to provide right-of-way access to create this precious new greenway.

Tree Management Along Creeks

KEEPING THE PUBLIC SAFE

Kwablah Attiogbe
ENVIRONMENTAL SERVICES MANAGER

"The native plants will help restore a healthy and sustainable wildlife habitat."

MANY LARGE TREES FELL along Alameda County creeks and roadways during the El Niño storms of 1998 due to heavy rains, saturated soils, and gusty winds. The downed trees caused power outages, interrupted traffic, damaged creek slopes, blocked creek flows, and endangered people and property.

Many large trees along the **San Leandro Creek corridor** threaten public safety. To avoid damage during future storms, the District is evaluating the risk each tree poses. We've developed a detailed tree management plan after getting significant input from the community during several open house workshops.

This tree management plan includes pruning trees with limbs that are likely to break and fall, removing the most dangerous trees, and recycling all green waste so it doesn't end up in a landfill. We all love trees, so tree removal is considered the last option.

In summer 2016, we plan to prune 12 trees, remove 24 hazardous trees, and remove fallen trunks between MacArthur Boulevard and the Interstate 880 crossing in San Leandro.

In addition, we'll help stabilize the San Leandro Creek banks by planting drought-tolerant native trees and shrubs, such as coast live oaks, sycamores, willows, dogwoods, and buckeyes. The native plants will help restore a healthy and sustainable wildlife habitat, while beautifying the creek. We'll also plant native vegetation wherever we prune or remove trees, so they can flourish with the increased sunlight.

Creek Restorations

CONTROLLING FLOOD RISK AND BEAUTIFYING OUR COMMUNITY

Moses Tsang, P.E.
SUPERVISING CIVIL ENGINEER

CHABOT CREEK

"Chabot Creek restoration was a great example of many groups working together."

THE DISTRICT RESTORED APPROXIMATELY 125 feet of **Chabot Creek just upstream of Lake Chabot Road in Castro Valley** to improve flood protection while providing an oasis of natural creek habitat.

We removed concrete from the bottom and northern wall to create an open section of creek, and then stabilized the north bank with biodegradable erosion control fabric, rock revetment, and native seed cover. We also reinforced the south bank slope and covered it with a natural finish. We planted the new bank slopes with native vegetation, including coastal live oaks, manzanita, and willows. A new paved walkway and benches decorated with children's artwork now provide a public vista point to the naturalized creek.

Our Chabot Creek restoration was a great example of many groups working together to benefit the community. Eden Township Healthcare District's (ETHD) new medical office building is located just north of the creek. The restoration project was funded by the District along with generous contributions from ETHD and Sutter Health, in collaboration with the Alameda County Community Development Agency and the Friends of San Lorenzo Creek.

SCOTT CREEK

"In addition to providing improved flood control for the neighboring properties, the District beautified an area visible to the public."

SCOTT CREEK FORMS PART of the historic border between Alameda County and Santa Clara County, and acts as a flood control channel for the watershed that spans both counties.

Creek bank erosion along **Scott Creek between Green Valley Road and Scott Creek Road in Fremont** blocked water flow, jeopardized a nearby public pathway, and required emergency repairs. Farther downstream, the storm drain system was filling up with sediment from the increased erosion.

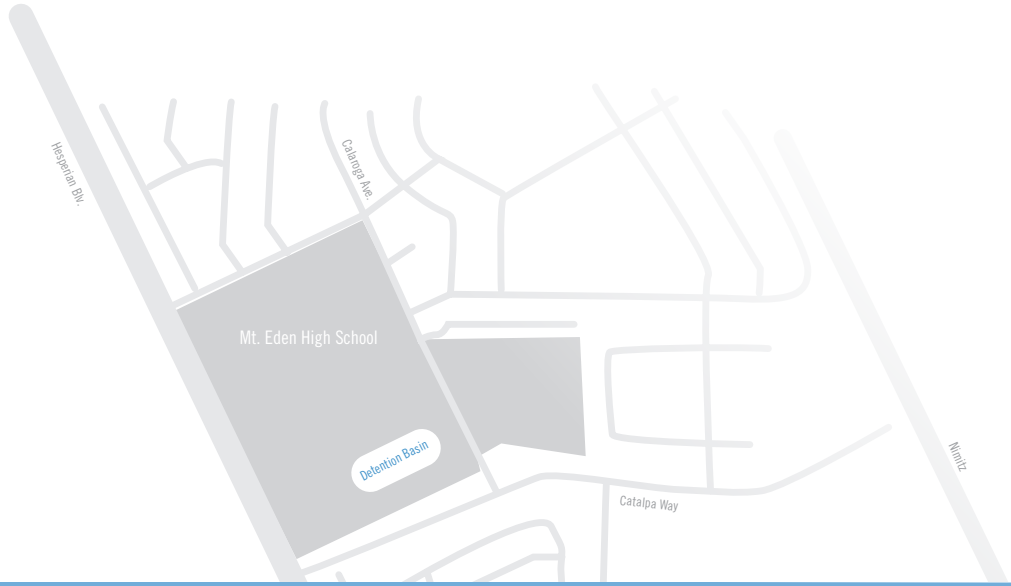
We designed the restoration of this fragile section of Scott Creek in collaboration with the Santa Clara Valley Water District. After a lengthy planning and permitting process, the Scott Creek construction proceeded. We regraded the creek banks to create a wider channel. We used rocks and logs to stabilize the creek banks, control water flow, and create natural pools with an improved aquatic habitat. We also planted the regraded creek banks with native grasses, shrubs, wildflowers, and trees.

In addition to providing improved flood control for the neighboring properties, the Scott Creek restoration beautified a vital natural resource.

Infrastructure

PROTECTING RESIDENTS AGAINST FLOODING

DETENTION BASIN SOCCER FIELD IN HAYWARD



IN **HAYWARD'S GLEN EDEN NEIGHBORHOOD**, the existing 54-inch-diameter pipe (called Line A-5) that runs from Park Arroyo Place to the Besco Pump Station couldn't handle enough stormwater flow. The simple solution of installing a larger drainage pipe wasn't possible due to limited access through private properties and city streets. So the District came up with the creative solution of building a detention basin to temporarily hold excess water during heavy rainstorms.

The two-acre detention basin was built at a playing field owned by the Hayward Unified School District. The entire field was dug out and deepened to hold up to 3 feet of stormwater. We then graded the basin so that it could be used as an ADA-complaint soccer field when dry, once the Hayward Unified School District completes its improvements.

This District project will improve flood control in Hayward's Glen Eden neighborhood, while providing the opportunity for a new community recreational area.

Percy Irving
PUMP STATION MANAGER

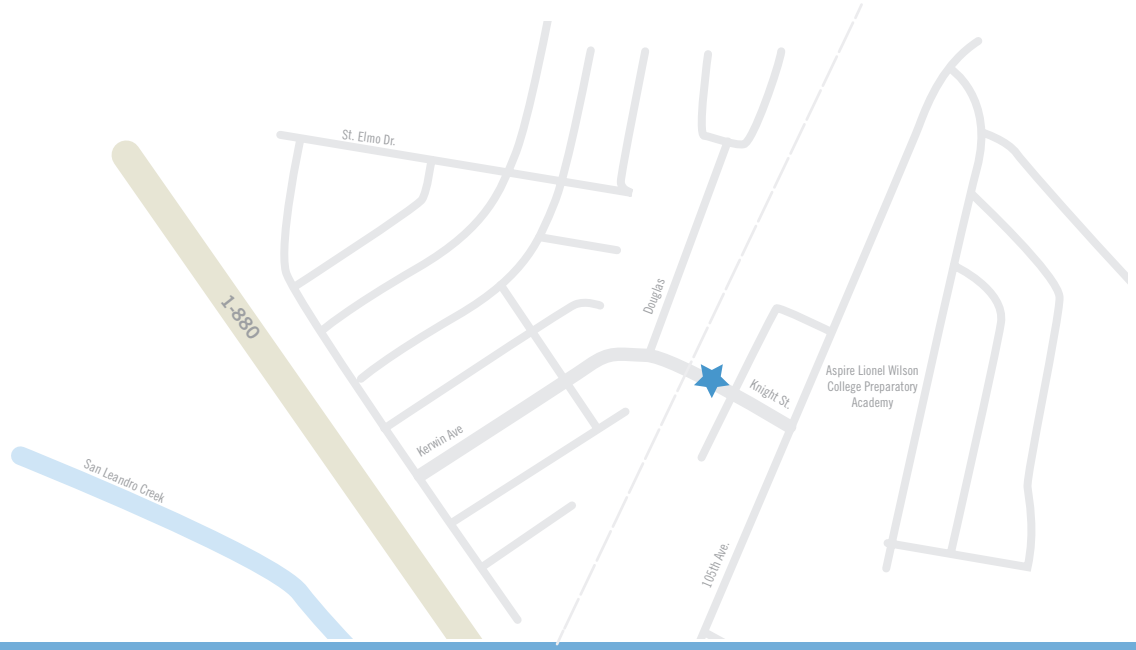
DAVIS STREET PUMP STATION

HIGHER SEA LEVELS AND STORMWATER from heavy rains cause frequent flooding along the **western end of Davis Street, west of Interstate 880 in San Leandro**. The old gravity drainage system couldn't handle the flow during high tides and storms, so a new pump station was critically needed to protect the nearby community.

Pump stations help minimize flooding by pumping water from underground pipes to a higher elevation, so the water can then flow by gravity to the San Francisco Bay. In 2013 and 2014, we built a new pump station on land owned by the city of San Leandro at the end of the Davis Street cul-de-sac.

The station consists of two structures: an underground building that houses four pumps and the trash rack and an adjacent above-ground building with electrical controls. We constructed the station at night to avoid disrupting nearby businesses—an example of how we try our best to be a good neighbor.

STONEHURST CREEK CROSSING



STONEHURST CREEK IN OAKLAND didn't have enough capacity to carry stormwater during a "100-year storm." This increased the potential for flooding in adjacent communities surrounding Knight Street, home to many low-income families.

We improved the creek flow by alleviating a major constriction at Knight Street. Specifically, we excavated across Knight Street and installed two 78-inch-diameter reinforced concrete pipes adjacent to the existing box culvert to allow more water to flow under the road.

A 100-YEAR FLOOD is technically a measurement of probability. It means that there's a 1 in 100 chance of a flood occurring in each year. A 500-year flood means there's a 0.2 percent chance of the flooding or rain event occurring each year, and a 1,000-year event has a 0.1 percent chance of happening in any year.

PROGRAMS

for the Community

CLEAN WATER PROGRAM | MAINTENANCE AND OPERATIONS | CHARG

ONLINE WATERSHED MAPS

Envisioning and Educating

The District has created an online, interactive map of every watershed in western Alameda County. Using our website and Google Earth, you can find creeks, culverts, storm drains, and other points of interest.

You can explore watersheds and zoom in for a closer look at creeks and other features. For each watershed, you can also read about local geology, hydrology, creeks, trails, parks, restoration efforts, and volunteer opportunities. And you can use Google Earth to see what the creeks, tidal marshes, and lakes looked like in the past.

Check it out at:
acfloodcontrol.org/resources/explore-watersheds

Clean Water Program

PRESERVING THE COMMUNITY'S WATERSHEDS

Justin Laurence
ENVIRONMENTAL COMPLIANCE SPECIALIST

"We help protect local creeks, wetlands, and San Francisco Bay."

THE DISTRICT'S CLEAN WATER PROGRAM entails monitoring water quality, inspecting watersheds for illicit discharge and trash, promoting practices to reduce water pollution, and reaching out to the community to promote clean water education.

We help protect local creeks, wetlands, and San Francisco Bay as a member of the Alameda Countywide Clean Water Program, in partnership with all 14 cities in Alameda County, unincorporated Alameda County, and the Zone 7 Water Agency.

For example, the District coordinates with the Friends of Sausal Creek, Friends of San Leandro Creek, and Alameda Creek Watershed Council to promote good watershed stewardship. We participate in community events such as the Alameda County Fair, Alameda County Home and Garden Show, Bringing Back the Natives Garden Tour, and School Earth Day events. We also reach out to children by supporting programs such as the Tule Ponds at Tyson Lagoon and the countywide Hands-on-Conservation educational program.

Maintenance and Operations

DAILY EFFORTS FOR LONG-TERM BENEFIT

Rob Sales
FIELD MAINTENANCE SUPERVISOR

THE DISTRICT'S MAINTENANCE AND OPERATIONS (M&O) department plays a key role in building a sustainable future, by maintaining and preserving Alameda County's aging flood control infrastructure. We also work in many other ways to keep the public safe from floods and during natural disasters.

The M&O department spends most of its time inspecting and maintaining more than 500 miles of conduit, channels, and natural creeks in western Alameda County. We clear excess vegetation, sediment, and debris from watercourses. We also maintain 22 pump stations and 3,700 county tide gates.

Joe Silva
TRUCK DRIVER

TALKING TRASH

Trash poses a major threat to both flood control and water quality in urban areas. Regulatory agencies are now requiring flood management agencies to significantly reduce the amount of trash found in creeks, flood control channels, and storm drains. We've met the challenge by stepping up our trash reduction efforts.

The District collects approximately 4,000 cubic yards of trash per year from public areas of Alameda County. Much of it comes from creeks. Often an individual dump site has a significant amount of trash; it's not unusual to have the contents of an entire apartment, including furnishings and pantry contents, dumped along side a creek.

Sadly, one of the illegal trash dumping hot spots is Sausal Creek in Oakland. We regularly visit Sausal Creek to keep this waterway safe and clean.

The District's M&O department proudly serves as an Emergency Response Unit during natural disasters. We keep more than a 100,000 sandbags and a huge pile of hay bales on hand to assist with our flooding and erosion control efforts. The M&O department also coordinates with local fire departments to ensure there are enough sandbags for public use during the rainy season.

In addition, District staff works closely with Alameda County and Federal Emergency Management Agency (FEMA) to maintain the necessary tools for first responders to manage emergency situations. The yard at the Alameda County Public Work's Turner Court facility will soon be home to a new FEMA storage unit, which will hold various disaster response materials including shovels, street barricades, portable radios, power tools, and basic medical supplies. Similar FEMA disaster storage facilities are located throughout the state, allowing for faster emergency response.

WATER CONSERVATION

Joining Community Efforts to Save Water

The state of California is under a mandatory water conservation order to save our state's precious water during the prolonged drought. The District has put several interdepartmental water-saving efforts into place in recent years. For example, the M&O department stopped using the on-site vehicle wash bay for heavy equipment and department vehicles. We only use this bay to wash out truck beds after trash or debris pickup. All agency sedans now go to a local water-saving car wash.

We've also reduced how much water we use to irrigate plants on District property. Although we've always used reclaimed water from Livermore for landscaping, we've now cut back to watering for only 5-15 minutes two days per week. Plus we plant drought-tolerant native plants wherever possible.

John Medlock
DEPUTY, PUBLIC WORKS MAINTENANCE AND OPERATIONS

TURNER COURT LOW IMPACT DEVELOPMENT

Demonstrating Pollution Prevention

The term "low impact development" refers to the variety of ways that stormwater runoff can be managed more naturally, in order to reduce stormwater pollution and protect urban watersheds.

The District is designing and building a low impact development demonstration project to treat stormwater runoff from two parking lots at the Alameda County Public Works Agency buildings in Hayward. Currently all runoff flow from the old asphalt paving, roof, and small landscaped areas is routed directly to the city of Hayward's storm drain system that ultimately drains into the Old Alameda Creek Flood Control Channel.

We are retrofitting these two parking lots by installing permeable asphalt, porous concrete, rain gardens, green gutters, flow-through and stormwater planters, interceptor trees, and rain barrels. When complete, the site will improve stormwater flow and water quality, as well as serve as an education and outreach demonstration of low impact development concepts for Alameda County contractors and Clean Water Program stormwater managers.

CHARG

PLANNING FOR SEA LEVEL RISE

COASTAL HAZARDS ADAPTATION RESILIENCY GROUP

"...speaking as one unified voice to develop policy and funding strategies."

OVER THE PAST CENTURY, water levels in the San Francisco Bay have risen nearly eight inches. The rate of sea level rise is accelerating, according to the California Climate Change Center. The District is evaluating the impacts that higher sea level and extreme tides will have on Alameda County, so we can come up with creative solutions for both Alameda County and the entire Bay Area.

We helped Alameda County and Federal Emergency Management Agency (FEMA) perform extreme tides studies that mapped coastal flood zones for 100-year and 500-year tides. The studies showed that low-lying portions of Alameda County were vulnerable to flooding, including critical facilities such as Oakland Airport and the East Bay Municipal Utility District wastewater treatment plant.

After the FEMA studies were completed, it was time to act on the recommendations and come up with solutions. The District and FEMA pulled together leaders from federal, state, local, private, and nongovernmental organizations throughout the Bay Area to face the implications of future sea level rise and the current challenges from extreme tides. Starting in 2014, more than 100 engineers, planners, scientists, and policy makers began actively working together as CHARG—the San Francisco Bay Region Coastal Hazards Adaptation Resiliency Group—and the District has taken a leading role.

CHARG provides a forum to develop and implement solutions that improve coastal resiliency, so our community can quickly recover after weather and climate-related hazardous events—preventing a short-term hazardous event from turning into a long-term communitywide disaster.

The goal is to improve regional coordination and share technical knowledge among the different organizations, while speaking as one unified voice to develop policy and funding strategies.

FINANCIAL OVERVIEW

Fiscal Years 2014 & 2015

HOW THE DISTRICT TRACKS REVENUES AND EXPENDITURES

THE DISTRICT UNDERTAKES A NUMBER of large and small projects every year to reduce the potential for local flooding, maintain flood control infrastructure, preserve the environment, and prepare for future needs.

Four District departments—Construction and Development, Engineering, Maintenance and Operations, and Management Services—work to meet these goals.

The figures and graphs on the following pages provide an overview of the District's sources of revenue and how the District allocates those funds toward flood protection and clean water in western Alameda County.

Generally, revenue generated within a flood control zone can only be spent within that zone. Therefore, revenue and expenditure figures are presented for each zone separately.

REVENUE TO PAY FOR PROJECTS IS RECEIVED FROM SEVERAL SOURCES

Taxes: The District receives a very small portion of the 1 percent countywide property tax annually. However, a large portion (nearly 40 percent) of the funds earmarked for flood control is reallocated by law to the state's Educational Revenue Augmentation Fund (ERAF), not to flood control projects.

Aid from Government Agencies: The District applies for and receives federal and state grants for flood control and water quality projects.

Use of Money: The District receives interest on cash and emergency reserves, and rental revenue from District-owned property.

Assessment Revenue: The District receives property assessment moneys based on land use category and anticipated stormwater runoff from the property. These assessments have not increased since the early 1990s and cannot be increased without a vote of the community, in accordance with Proposition 218.

Other Revenue: Starting in FY 2012–13, the state of California is refunding property tax revenue associated with the state's elimination of redevelopment agencies. This category also includes other small sources of revenue, including developer's and builder's permitting fees to the District.

Clean Water Program: The District receives a small amount of revenue from assessments on property within unincorporated Alameda County to cover the costs of the Clean Water Program.

EXPENDITURES FALL INTO THE FOLLOWING CATEGORIES

Information Technology Improvements: Hardware and software purchases and support for District operations.

Administration: Human resources, accounting, and other office services.

Construction and Development: Permitting and technical assistance for new developments in unincorporated areas, and construction inspection, laboratory testing, and contract administration.

Engineering: Designing and securing clearance and permitting for construction of new flood control structures or upgrades to existing facilities.

Maintenance and Operations: Maintenance of the District's vast inventory of infrastructure, and operation of pump stations and other flood control systems.

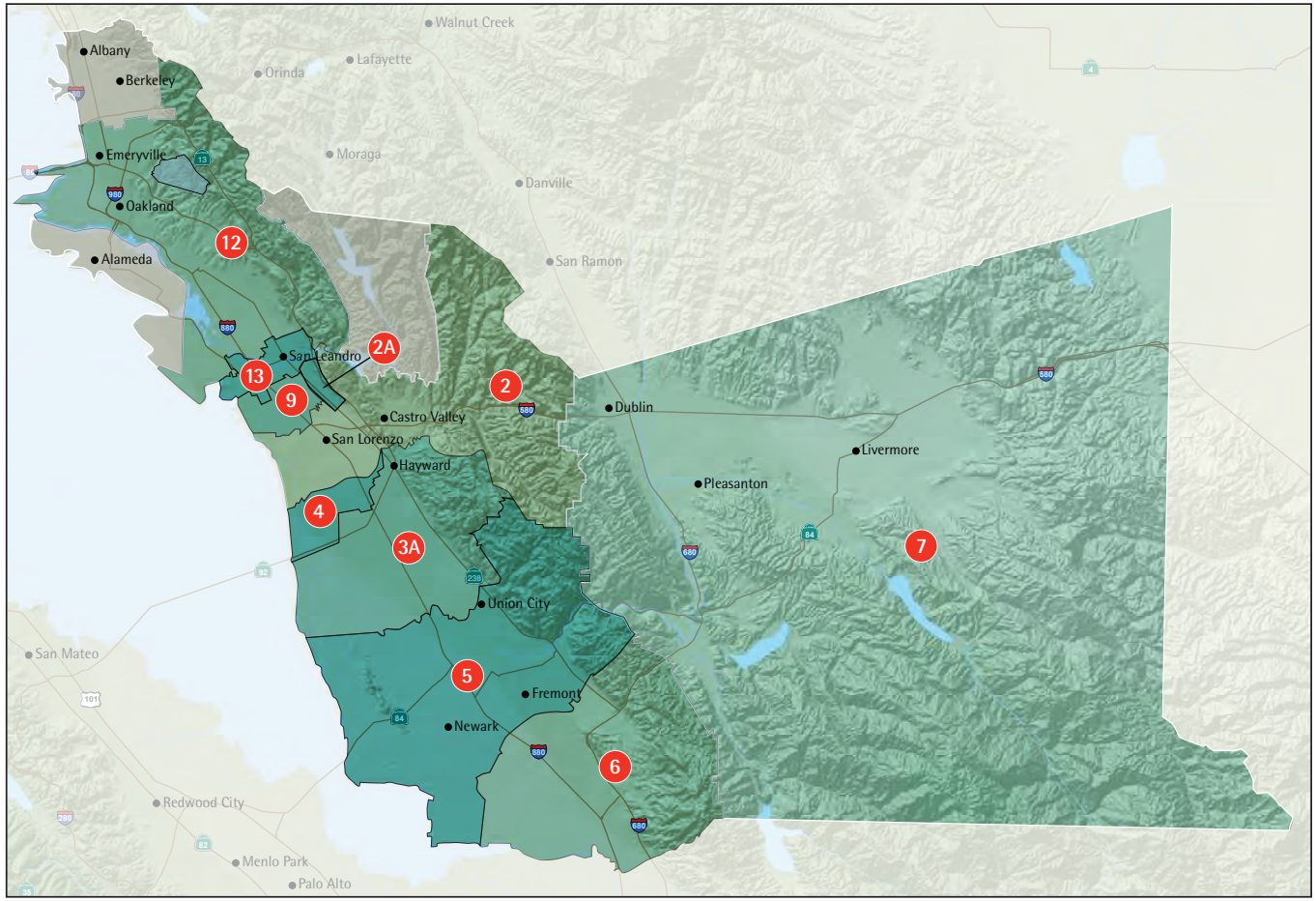
Clean Water Program: Activities associated with the District's responsibility as a co-permittee of the regional National Pollutant Discharge Elimination System permit.

ALAMEDA COUNTY'S FLOOD CONTROL ZONES

THERE ARE NINE ZONES (2, 2A, 3A, 4, 5, 6, 9, 12, and 13) in western Alameda County that make up the area served by the Alameda Flood Control District. Zone 7 in eastern Alameda County is managed by the Zone 7 Water Agency. (zone7water.com)

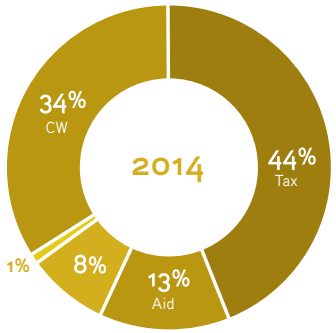
By approximate numbers, the District manages:

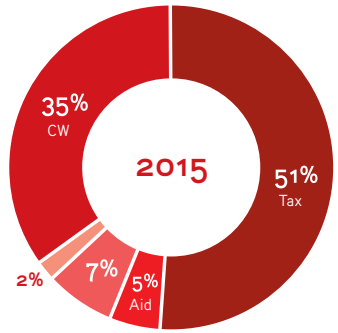
ACRES	170,323
MILES OF NATURAL CREEKS	200
MILES OF EARTHEN CHANNELS	91
MILES OF CONCRETE CHANNELS	36
MILES OF UNDERGROUND PIPE	240
MILES OF IMPROVED CHANNELS	13
PUMP STATIONS	20
RESERVOIRS	5
DAMS	3



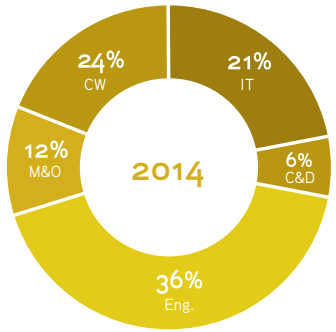
DISTRICTWIDE

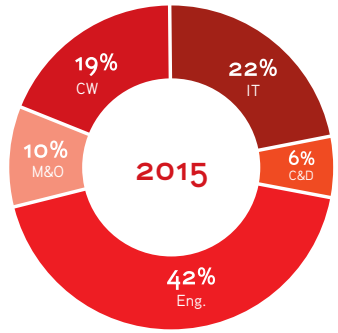
REVENUES	2014	%	2015	%
TAXES	2,478,562	44	2,710,619	51
AID FROM GOVERNMENTAL AGENCIES	737,298	13	274,971	5
USE OF MONEY	443,899	8	395,627	7
ASSESSMENT REVENUE	-	-	27	-
OTHER REVENUE	79,042	1	85,334	2
CLEAN WATER PROGRAM	1,910,888	34	1,852,006	35
	$5,649,689		**$5,318,584**	





EXPENDITURES	2014	%	2015	%
INFORMATION TECHNOLOGY IMPROVEMENTS	1,574,558	21	1,739,911	22
ADMINISTRATION	(605,780)	-	(2,304,263)	-
CONSTRUCTION AND DEVELOPMENT	474,895	6	466,558	6
ENGINEERING	2,672,282	36	3,339,416	42
MAINTENANCE AND OPERATIONS	861,010	12	795,968	10
CLEAN WATER PROGRAM	1,809,706	24	1,532,794	19
	$6,786,671		**$5,570,384**	

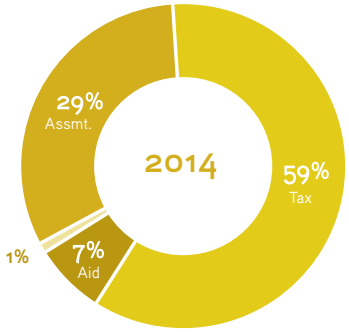


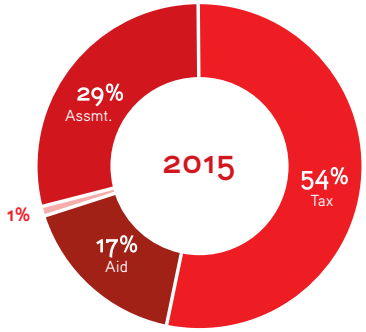


NOTE: PERCENTAGES MAY NOT TOTAL 100 DUE TO ROUNDING.

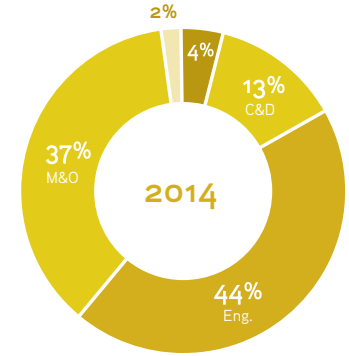
ZONE 2

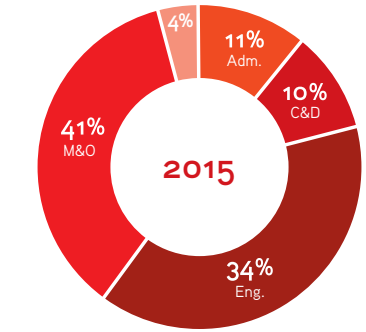
REVENUES	2014	%	2015	%
TAXES	3,076,160	59	3,126,004	54
AID FROM GOVERNMENTAL AGENCIES	346,934	7	984,208	17
USE OF MONEY	55,555	1	38,257	1
ASSESSMENT REVENUE	1,651,072	32	1,689,434	29
OTHER REVENUE	36,759	1	1,398	-
CLEAN WATER PROGRAM	-	-	-	-
	$5,166,480		**$5,839,301**	





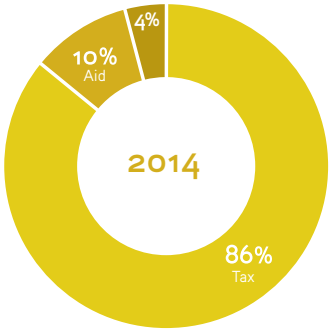
EXPENDITURES	2014	%	2015	%
INFORMATION TECHNOLOGY IMPROVEMENTS	-	-	-	-
ADMINISTRATION	212,107	4	478,665	11
CONSTRUCTION AND DEVELOPMENT	670,394	13	464,099	10
ENGINEERING	2,360,966	44	1,518,773	34
MAINTENANCE AND OPERATIONS	1,985,090	37	1,838,671	41
CLEAN WATER PROGRAM	99,115	2	184,989	4
	$5,327,672		**$4,485,197**	

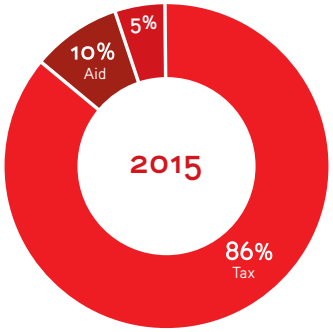




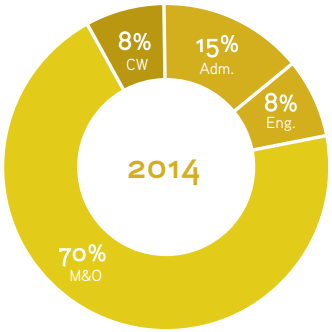
ZONE 2A

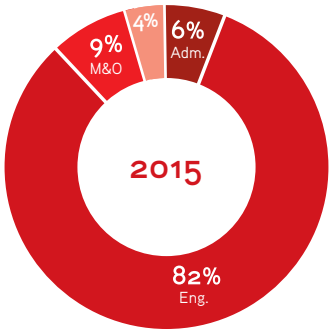
REVENUES	2014	%	2015	%
TAXES	183,072	86	197,654	86
AID FROM GOVERNMENTAL AGENCIES	21,026	10	22,170	10
USE OF MONEY	7,572	4	10,963	5
ASSESSMENT REVENUE	-	-	-	-
OTHER REVENUE	-	-	-	-
CLEAN WATER PROGRAM	-	-	-	-
	$211,670		**$230,787**	





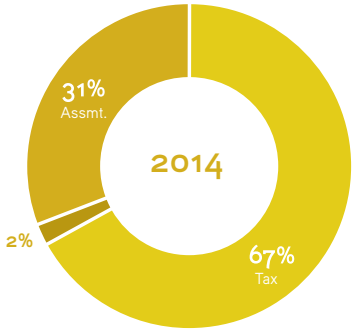
EXPENDITURES	2014	%	2015	%
INFORMATION TECHNOLOGY IMPROVEMENTS	-	-	-	-
ADMINISTRATION	2,656	15	4,216	6
CONSTRUCTION AND DEVELOPMENT	-	-	-	-
ENGINEERING	1,411	8	61,661	82
MAINTENANCE AND OPERATIONS	12,693	70	6,681	9
CLEAN WATER PROGRAM	1,430	8	2,668	4
	$18,190		**$75,226**	

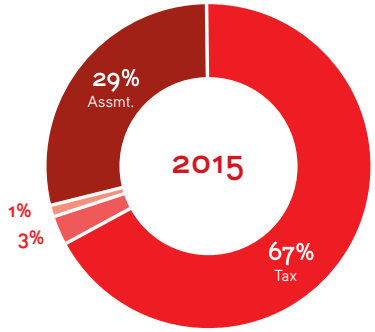




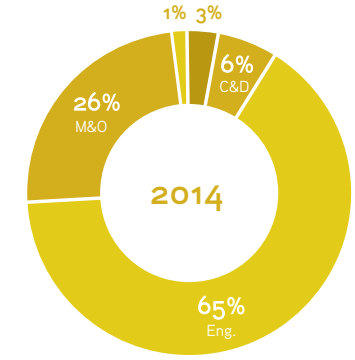
ZONE 3A

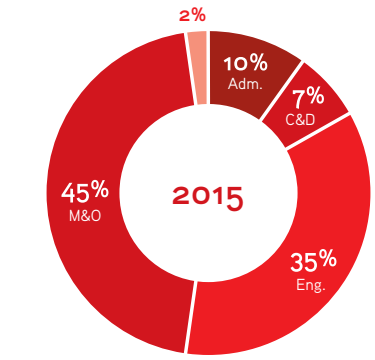
REVENUES	2014	%	2015	%
TAXES	3,228,995	67	3,401,619	67
AID FROM GOVERNMENTAL AGENCIES	85,948	-	132,281	3
USE OF MONEY	31,667	2	39,685	1
ASSESSMENT REVENUE	1,486,711	31	1,492,924	29
OTHER REVENUE	398	-	1,296	-
CLEAN WATER PROGRAM	-	-	-	-
	$4,833,719		**$5,067,805**	





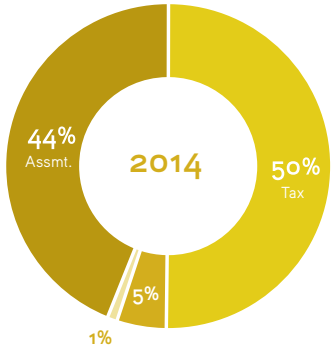
EXPENDITURES	2014	%	2015	%
INFORMATION TECHNOLOGY IMPROVEMENTS	-	-	-	-
ADMINISTRATION	202,356	3	466,615	10
CONSTRUCTION AND DEVELOPMENT	415,465	6	314,863	7
ENGINEERING	4,652,484	65	1,589,964	35
MAINTENANCE AND OPERATIONS	1,869,633	26	2,049,326	45
CLEAN WATER PROGRAM	48,604	1	90,716	2
	$7,188,542		**$4,511,484**	

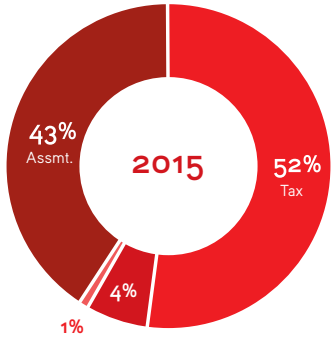




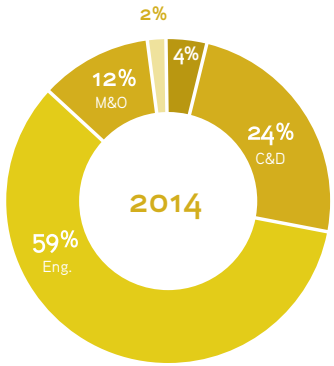
ZONE 4

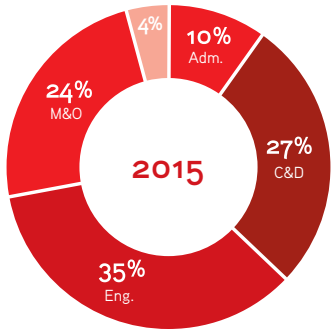
REVENUES	2014	%	2015	%
TAXES	241,496	50	257,622	52
AID FROM GOVERNMENTAL AGENCIES	25,661	5	20,461	4
USE OF MONEY	1,836	1	3,090	1
ASSESSMENT REVENUE	211,132	44	213,281	43
OTHER REVENUE	237	-	99	-
CLEAN WATER PROGRAM	-	-	-	-
	$480,362		$494,553	





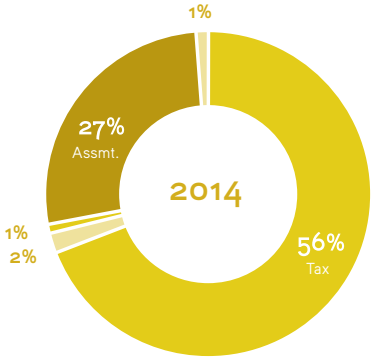
EXPENDITURES	2014	%	2015	%
INFORMATION TECHNOLOGY IMPROVEMENTS	-	-	-	-
ADMINISTRATION	17,981	4	37,309	10
CONSTRUCTION AND DEVELOPMENT	115,797	24	101,709	27
ENGINEERING	277,978	59	129,276	35
MAINTENANCE AND OPERATIONS	54,595	12	91,163	24
CLEAN WATER PROGRAM	7,624	2	14,230	4
	$473,975		$373,687	

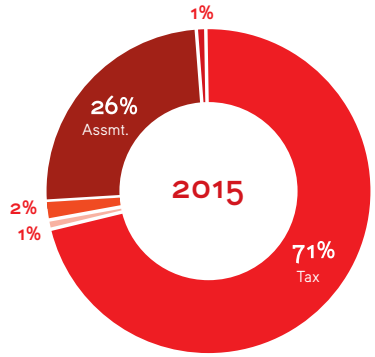




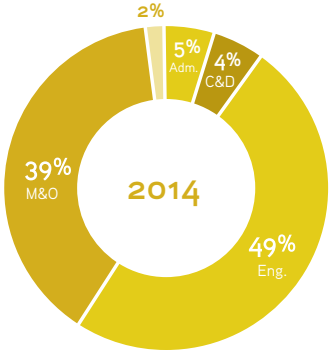
ZONE 5

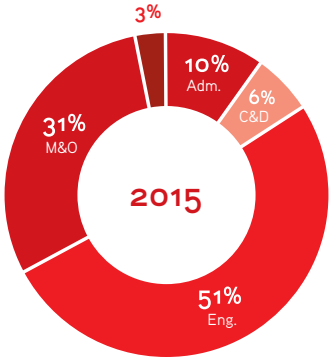
REVENUES	2014	%	2015	%
TAXES	5,430,268	69	5,971,223	71
AID FROM GOVERNMENTAL AGENCIES	127,836	2	103,796	1
USE OF MONEY	115,194	1	127,919	2
ASSESSMENT REVENUE	2,140,509	27	2,174,971	26
OTHER REVENUE	70,467	1	52,604	1
CLEAN WATER PROGRAM	-	-	-	-
	$7,884,274		**$8,430,513**	





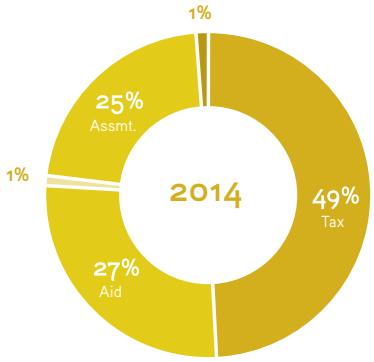
EXPENDITURES	2014	%	2015	%
INFORMATION TECHNOLOGY IMPROVEMENTS	-	-	-	-
ADMINISTRATION	351,235	5	734,080	10
CONSTRUCTION AND DEVELOPMENT	291,989	4	432,322	6
ENGINEERING	3,252,741	49	3,819,484	51
MAINTENANCE AND OPERATIONS	2,578,322	39	2,306,989	31
CLEAN WATER PROGRAM	111,504	2	220,613	3
	$6,585,791		**$7,513,488**	

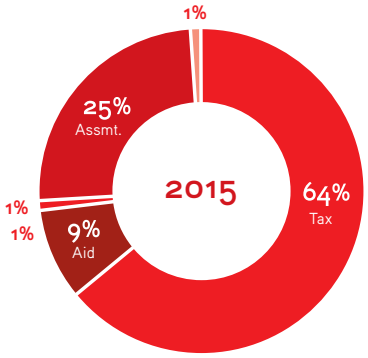




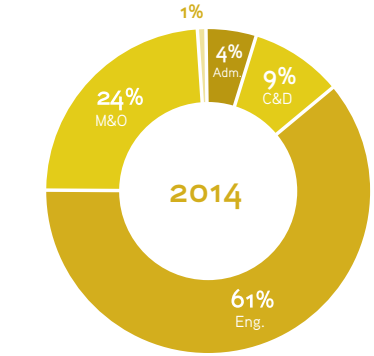
ZONE 6

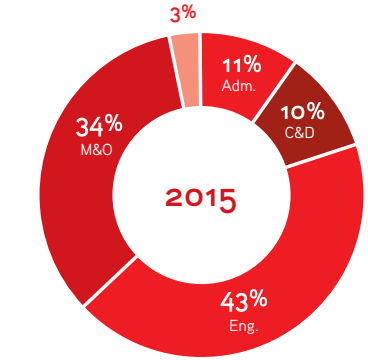
REVENUES	2014	%	2015	%
TAXES	3,823,160	49	4,457,716	64
AID FROM GOVERNMENTAL AGENCIES	2,137,424	27	621,191	9
USE OF MONEY	65,279	1	102,802	1
ASSESSMENT REVENUE	1,681,471	22	1,707,370	25
OTHER REVENUE	99,224	1	41,654	1
CLEAN WATER PROGRAM	-	-	-	-
	$7,806,558		**$6,930,733**	





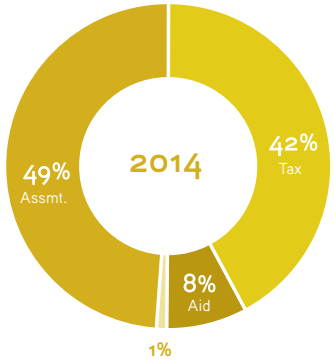
EXPENDITURES	2014	%	2015	%
INFORMATION TECHNOLOGY IMPROVEMENTS	-	-	-	-
ADMINISTRATION	240,329	4	486,269	11
CONSTRUCTION AND DEVELOPMENT	498,777	9	451,399	10
ENGINEERING	3,327,888	61	1,956,984	43
MAINTENANCE AND OPERATIONS	1,318,186	24	1,569,182	34
CLEAN WATER PROGRAM	67,665	1	126,290	3
	$5,452,845		**$4,590,124**	

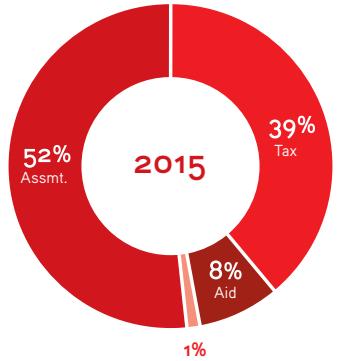




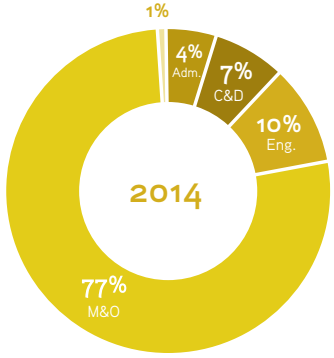
ZONE 9

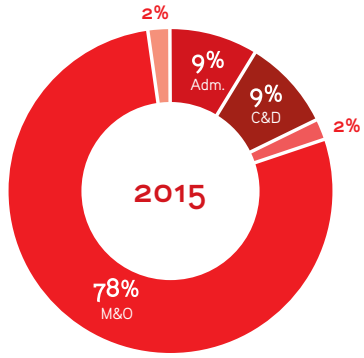
REVENUES	2014	%	2015	%
TAXES	204,273	42	179,801	39
AID FROM GOVERNMENTAL AGENCIES	38,783	8	38,909	8
USE OF MONEY	2,298	1	3,090	1
ASSESSMENT REVENUE	236,037	49	235,845	52
OTHER REVENUE	1,145	-	198	-
CLEAN WATER PROGRAM	-	-	-	-
	$482,536		**$457,843**	





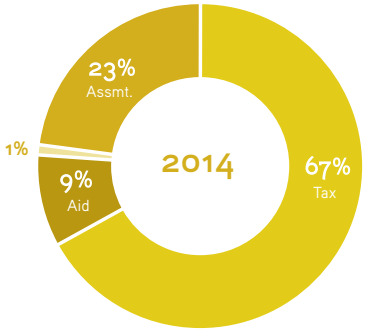
EXPENDITURES	2014	%	2015	%
INFORMATION TECHNOLOGY IMPROVEMENTS	-	-	-	-
ADMINISTRATION	21,714	4	46,232	9
CONSTRUCTION AND DEVELOPMENT	32,496	7	44,153	9
ENGINEERING	51,053	10	9,598	2
MAINTENANCE AND OPERATIONS	377,688	77	385,742	78
CLEAN WATER PROGRAM	6,195	1	11,562	2
	$489,146		**$497,287**	

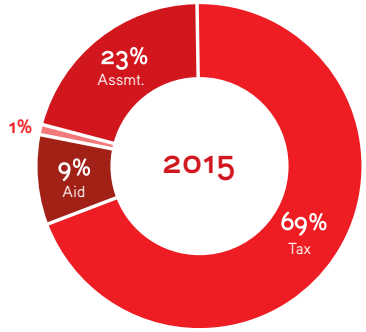




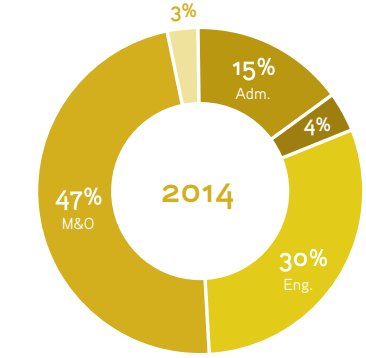
ZONE 12

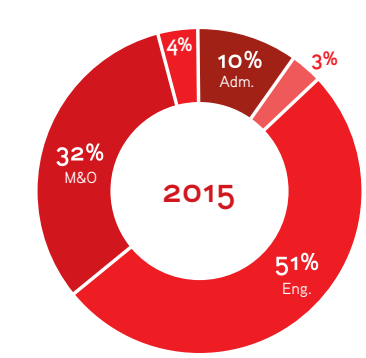
REVENUES	2014	%	2015	%
TAXES	6,105,415	67	6,920,108	69
AID FROM GOVERNMENTAL AGENCIES	868,575	9	933,368	9
USE OF MONEY	63,194	1	92,330	1
ASSESSMENT REVENUE	2,064,501	23	2,076,138	21
OTHER REVENUE	99	-	409	-
CLEAN WATER PROGRAM	-	-	-	-
	$9,101,784		**$10,022,353**	

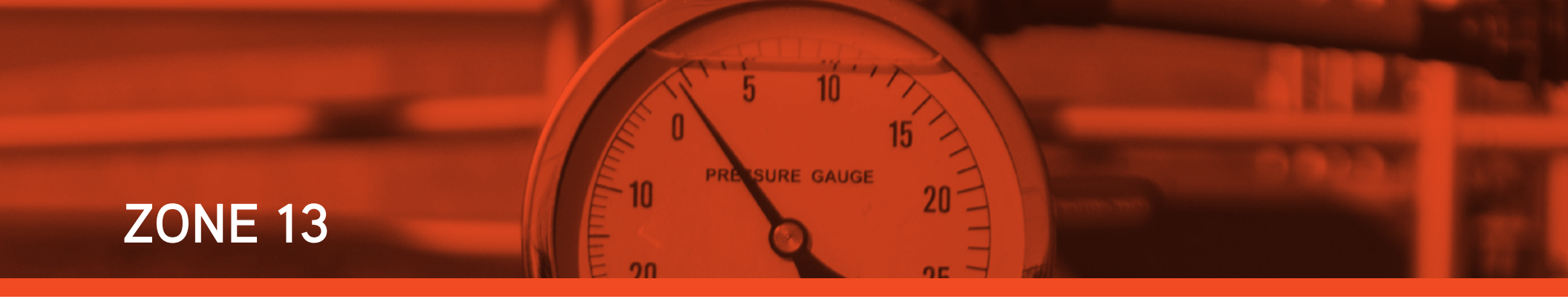




EXPENDITURES	2014	%	2015	%
INFORMATION TECHNOLOGY IMPROVEMENTS	-	-	-	-
ADMINISTRATION	887,045	15	877,398	10
CONSTRUCTION AND DEVELOPMENT	254,653	4	278,396	3
ENGINEERING	1,753,423	30	4,578,242	51
MAINTENANCE AND OPERATIONS	2,745,386	47	2,931,939	32
CLEAN WATER PROGRAM	151,814	3	397,109	4
	$5,792,321		**$9,063,084**	

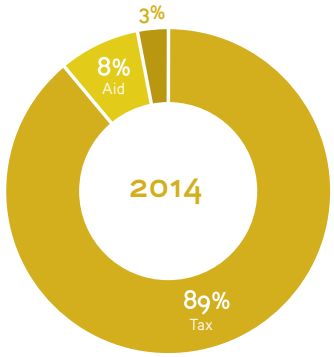


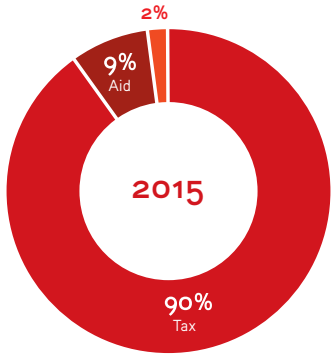




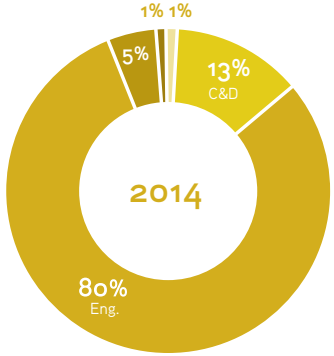
ZONE 13

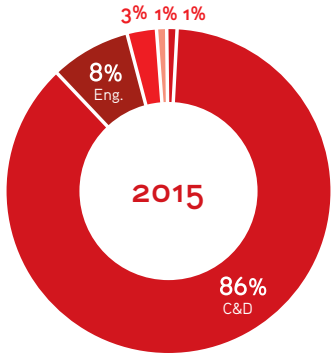
REVENUES	2014	%	2015	%
TAXES	696,166	89	794,878	90
AID FROM GOVERNMENTAL AGENCIES	64,323	8	71,044	8
USE OF MONEY	20,392	3	13,969	2
ASSESSMENT REVENUE	-	-	-	-
OTHER REVENUE	1,162	-	-	-
CLEAN WATER PROGRAM	-	-	-	-
	$782,043		**$879,891**	





EXPENDITURES	2014	%	2015	%
INFORMATION TECHNOLOGY IMPROVEMENTS	-	-	-	-
ADMINISTRATION	30,231	1	69,480	1
CONSTRUCTION AND DEVELOPMENT	365,735	13	4,349,219	86
ENGINEERING	2,210,007	80	415,233	8
MAINTENANCE AND OPERATIONS	152,441	5	152,406	3
CLEAN WATER PROGRAM	15,339	1	43,343	1
	$2,773,753		**$5,029,681**	





CONTACT US

Alameda County Flood Control & Water Conservation District
399 Elmhurst Street
Hayward, CA 94544-1395
(510) 670-5480
www.acfloodcontrol.org

EMERGENCY

In case of emergency, dial 9-1-1

FOR ASSISTANCE

Main Phone (510) 670-5480
Email us at **info@acpwa.org**

FOR SANDBAGS

Unincorporated Alameda County (510) 670-5500
Hayward (510) 670-5500
Dublin (925) 803-7007

SERVICES

To schedule building inspections (510) 670-5440
To report illegal dumping of trash in creeks (510) 670-5500

PARA ASISTENCIA EN ESPANOL

Por favor llame a Lupe Serrano (510) 670-5993
Escribanos a la direccion de correo electronica
info@acpwa.org

如有須要中文通話
須要廣東話或國語翻譯, 請撥電話找程小麗小姐
(510) 670-5716
或 judy@acpwa.org

ALAMEDA COUNTY
Flood Control &
Water Conservation
DISTRICT