



MOSQUITO AND VECTOR CONTROL ASSESSMENT



Fiscal Year 2016-17
Engineer's Report

July 11, 2016

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CONTRA COSTA MOSQUITO & VECTOR CONTROL DISTRICT

**MOSQUITO AND VECTOR CONTROL ASSESSMENT
FISCAL YEAR 2016-17**

BOARD OF TRUSTEES

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DISTRICT STAFF

General Manager
Craig Downs

Assistant Manager
Ray Waletzko

Assessment Engineer
Francisco & Associates, Inc.

SECTION I

INTRODUCTION

FISCAL YEAR 2016-17

On April 22, 1996 the Contra Costa Mosquito & Vector Control District Board of Trustees established an assessment district by Resolution No. 96-5 to collect revenue for the purposes of mosquito and vector control abatement. The assessment district is imposed annually on property tax bills.

After the assessment was established, Articles XIIC & XIID (Proposition 218) were added to the California constitution on July 1, 1997. Proposition 218 radically modified the procedures for forming and increasing assessments. However, Article XIII D states

“The following assessments existing on the effective date of this article shall be exempt from the procedures and approval process set forth in Section 4: (a) Any assessment imposed exclusively to finance the capital costs or maintenance and operation expenses for sidewalks, streets, sewers, water, flood control, drainage systems or vector control. Subsequent increases in such assessments shall be subject to the procedures and approval process set forth in Section 4.

Since the Mosquito & Vector Control Assessment existed prior to the changes in the California Constitution, it is “grandfathered” in and not fully subject to the procedures and approval process established for new vector assessments by Proposition 218. However, should the Board of Trustees decide to increase the assessments above the prior approved maximum rate, the assessment would be subject to the new protest proceedings as created by Proposition 218. Below are the requirements that were followed to establish the assessment pursuant to the California Health and Safety Code (Section 2082, formerly Section 2291.2).

- a. District adopted a resolution stating its intention to levy an assessment that included:
 - i. An estimate of the costs (amount to be assessed) by zone;
 - ii. The duration of the assessment was stated;
 - iii. The general objectives of the surveillance/control project were defined; and
 - iv. The time and place for the public meeting was fixed.
- b. Conducted a public meeting and public hearing after providing notice to property owners.
- c. Determined the percentage of protest after the close of the public hearing.

Every year since 1996, the Board of Trustees has approved an annual resolution along with an Engineer’s Report to establish the assessments for that Fiscal Year and authorize the levy and collection of those assessments.

Pursuant to the current provisions of Section 2082 of the Health and Safety Code of the State of California and in accordance with Resolution No. 16-4 of the Board of Trustees of the Contra Costa Mosquito & Vector Control District, adopted on July 11, 2016, in connection with the proceedings of the Board, the continuation of a Mosquito and Vector Control Assessment (the "Assessment"), I, Eduardo R. Espinoza, P.E., duly authorized representative of Francisco & Associates, Inc., consultant to the District, submit this Engineer's Report consisting of the following parts and exhibits:

PART A: DESCRIPTION OF SERVICES

A description of the services to provide mosquito (and other arthropod) and rodent surveillance and control projects to the properties within the boundaries of the District.

PART B: ESTIMATE OF COSTS

An estimate of the costs of mosquito (and other arthropod) and rodent surveillance and control projects to be financed from the proceeds of the mosquito and vector control assessment.

PART C: DESCRIPTION OF THE PARCELS AND ASSESSMENT BOUNDARIES

A description of each parcel of property and the boundaries of the area that is subject to the mosquito (and other arthropod) and vector control assessment.

PART D: DESCRIPTION OF THE ASSESSMENTS

A description of the mosquito (and other arthropod) and rodent control assessment including:

- a. Basis of the assessment; i.e. assessment methodology;
- b. Amount of the assessment for each lot or parcel; and
- c. Duration of the assessment.



BY: _____

Eduardo R. Espinoza, P.E.
R.C.E. No. 83709

Dated: June 2, 2016

PART A

DESCRIPTION OF SERVICES

The mosquito and vector control assessment revenue as established by Resolution 96-5, is used to fund the operation and maintenance of the Contra Costa Mosquito & Vector Control District (the "District") programs and to finance the incidental costs associated with the preparation and administration of the Assessment program. Below is a listing of the programs and services that are financed by the Assessment.

Mosquito (and Other Arthropod) Surveillance and Control Projects

The District provides a variety of mosquito (and other arthropod) surveillance and control programs (hereinafter "Mosquito Control Services") to its citizenry. Below is a listing of some of the services that are provided:

- 1) Property inspection (surveillance) and control for mosquito problems including larval inspection and control;
- 2) Ground nesting yellow-jacket control;
- 3) Surveillance of public parks for ticks that transmit Lyme disease;
- 4) Insect and tick identification services for the public, doctors, and veterinarians;
- 5) Surveillance for mosquito borne encephalitis and other vector-borne diseases;
- 6) Projects to restore the Delta marshes to their original ecological state and thus reduce mosquito sources;
- 7) Active role in the research and development of marsh management guidelines for mosquito control;
- 8) Cooperative projects with the University of California to field test new "bio-rational" methods of mosquito control;
- 9) Free mosquito-fish for residents to release in private ponds and other mosquito sources;
- 10) Provide speakers for community groups or block meetings; and
- 11) Provide information on Africanized Honey Bees.

Rodent Surveillance and Control Projects

The District provides a variety of rodent surveillance, prevention, and control programs (hereinafter "Rodent Control Services"). Below is a listing of some of the services that are provided:

- 1) Provide advice to homeowners with rodent problems;
- 2) Conduct site visits upon request from the citizenry to assist them in rodent prevention and control;
- 3) Maintain a rabies reduction program by loaning traps to the public for capturing of skunks; and
- 4) Provide speakers for community groups or block meetings.

PART B

ESTIMATE OF COSTS

The total estimated expenditures for Mosquito Control Services to be funded by revenue from the Assessment for Fiscal Year 2016-17 is \$1,539,079. The total estimated expenditures for Rodent Control Services to be funded by revenue from the Assessment for Fiscal Year 2016-17 is \$472,607. Because of the varying degree of service received throughout the District, four (4) benefit zones have been created to accurately track the cost of services in those areas. Refer to Part D for a description of the four (4) benefit zones. For a detailed breakdown of these costs, refer to the following tables.

Table 1 - Total Operation & Maintenance Expenses for Year 2016-17

Mosquito (and other Arthropod) and Rodent Control Services					
Services	Waterfront Area	West County	Central County	East County	Total
Salaries & Benefits	\$304,670	\$187,106	\$584,121	\$401,779	\$1,477,676
Operations & Maintenance	\$51,574	\$31,671	\$78,246	\$68,013	\$229,504
County Collection Fees	\$60,799	\$37,534	\$112,196	\$93,978	\$304,507
Total	\$417,042	\$256,311	\$774,563	\$563,770	\$2,011,686

Table 2 - Operation & Maintenance Expenses for Year 2016-17 by Service

Mosquito (and other Arthropod) Control Services					
Services	Waterfront Area	West County	Central County	East County	Total
Salaries & Benefits	\$245,789	\$85,083	\$448,683	\$336,788	\$1,116,343
Operations & Maintenance	\$41,608	\$14,401	\$75,953	\$57,012	\$188,974
County Collection Fees	\$48,942	\$16,958	\$88,862	\$79,000	\$233,763
Total	\$336,339	\$116,442	\$613,499	\$472,799	\$1,539,079
Rodent Control Services					
Services	Waterfront Area	West County	Central County	East County	Total
Salaries & Benefits	\$58,881	\$102,023	\$135,437	\$64,991	\$361,333
Operations & Maintenance	\$9,966	\$17,269	\$2,293	\$11,001	\$40,530
County Collection Fees	\$11,856	\$20,576	\$23,334	\$14,978	\$70,744
Total	\$80,703	\$139,869	\$161,064	\$90,970	\$472,607

Administration of the assessment is performed annually. Administration includes updating the annual assessment roll to ensure consistency with the assessment methodology detailed in the Engineer's Report dated June 3, 1996. Administration also includes the preparation of an annual report for submittal to the Board of Trustees for approval for the proposed fiscal year assessments.

PART C

DESCRIPTION OF PARCELS AND ASSESSMENT BOUNDARIES

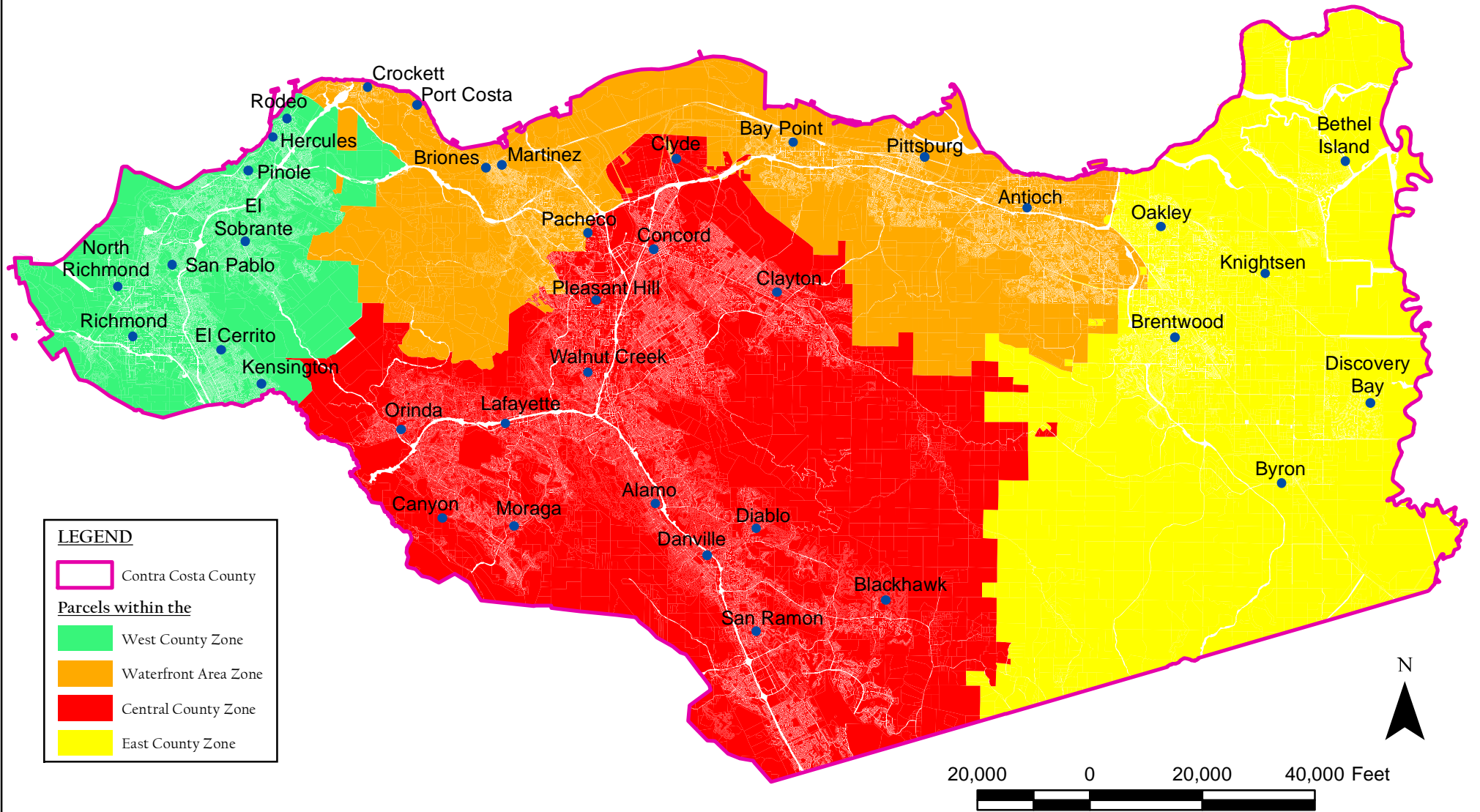
The boundaries of the Assessment are completely contiguous with the boundaries of the District. The lines and dimensions of each lot or parcel within the District are those lines and dimensions shown on the maps of the Assessor of the County of Contra Costa for the year when this report was prepared and are incorporated by reference herein and made part of this Engineer's Report.

All future annexations to the District shall be included in the Assessment. In future years, if any new parcels are created as a result of the division or consolidation of land, recalculation of the assessments will be conducted and the new parcels will be included within the area of assessment.

Assessment Diagram

Contra Costa Mosquito and Vector Control District

County of Contra Costa, State of California



Prepared by Francisco & Associates, Inc.

PART D

DESCRIPTION OF THE ASSESSMENTS

METHOD OF ASSESSMENT

This section of the report describes the benefit assessment methodology that was developed to establish the basis of assessment for apportioning the cost of Mosquito and Rodent Control Services to each lot or parcel within the district, based upon Assessment Units as described later in this section. The basis of assessment was developed by *Bureau Veritas* based upon information provided by the Contra Costa Mosquito & Vector Control District personnel, and the requirements of Section 2291.2, "Vector Surveillance and Control Projects" of the California Health and Safety Code. Section 2291.2 of the California Health & Safety Code has now been replaced by Section 2082, however the following sections review the requirements of the California Health & Safety Code that existed when the Assessment was formed in 1996 and describe the adopted benefit assessment methodology.

LEGAL REQUIREMENTS

Section 2291.2, "Vector Surveillance and Control Projects" of the California Health and Safety Code permits any Mosquito and Vector Control District which provides mosquito (and other arthropod) and rodent control services to levy an assessment for Mosquito and Rodent Control Services after the procedures as prescribed in Section 2291.2 of the California Health and Safety Code have been complied with.

The California Health and Safety Code further allowed the agency to establish a benefit assessment methodology which is used to calculate the assessment to be levied on each lot or parcel within the District in proportion to the estimated benefit received.

The California Health and Safety Code also allowed for the establishment of benefit zones based upon variations in the level of benefit received by parcels within one zone in relationship to parcels within another zone with a similar class of improvement. Section 2291.2 stated that:

"The District Board may institute projects for one or more zones, for the financing and execution of mosquito (and other arthropod) and rodent surveillance and control projects of common benefit to the zone or zones."

ASSESSABLE PARCELS

Below is a listing of the various assessable land use classifications within the boundaries of the District based on the records of the Assessor of the County of Contra Costa.

The land use classifications are defined as follows:

Single Family Residential/Rural Single Family Residential - Single family residential and rural single family residential parcels are defined as parcels that have a land use classification as single family residential and rural single family residential with the Contra Costa County Assessor's Office and are located within the boundaries of the District.

Multi-Family - Multi-family parcels are defined as parcels that have a land use classification as multi-family, which includes duplexes, triplexes, apartments, etc., with the Contra Costa County Assessor's Office and are located within the boundaries of the District.

Condominium - Condominium parcels are defined as parcels that have a land use classification as condominium, cluster home, co-op or townhome with the Contra Costa County Assessor's Office and are located within the boundaries of the District.

Mobile Homes - Mobile Home parcels are defined as parcels that have a land use classification as mobile home with the Contra Costa County Assessor's Office and are located within the boundaries of the District.

Commercial/Industrial - Commercial and industrial parcels are defined as parcels that have a land use classification as commercial or industrial with the Contra Costa County Assessor's Office and are located within the boundaries of the District.

Recreational/Institutional - Recreational and institutional parcels are defined as parcels that have a land use classification as recreational or institutional with the Contra Costa County Assessor's Office and are located within the boundaries of the District.

Agriculture - Agriculture parcels are defined as parcels that have a land use classification as agricultural with the Contra Costa County Assessor's Office and are located within the boundaries of the District.

Exempt - Exempted from the assessment are parcels of land owned by a public agency.

ASSESSMENT UNITS

To establish the special and direct benefit relationship to the individual parcels based on the benefit they receive from Mosquito and Rodent Control Services, an Assessment Unit system was adopted. Each parcel is assigned Assessment Units in proportion to the estimated benefit the parcel receives from Mosquito and Rodent Control Services. The total number of Assessment Units is then divided into the annual revenue requirement to determine the cost per Assessment Unit. The benefit assessment for each parcel is then determined by multiplying the number of Assessment Units for each parcel by the cost per Assessment Unit.

Since the assessment must be based upon the type of use of property and the degree of service each parcel receives from the Mosquito and Rodent Control Services an assessment methodology was developed based on both land-use and degree of service. This methodology ensured that the assessments will be levied in proportion to the estimated benefits received. The assessment methodology developed determines the number of Assessment Units assigned to each parcel based on the number of Benefit Units (land-use) and a Benefit Factor (degree of service) as described below.

Benefit Units

The Benefit Unit Factor is used to equate the various parcels within the district to the single family parcel. The Benefit Units for the single family parcel is defined as 1.00 Benefit Unit (BU) and the other parcels are assigned Benefit Units based upon their relative size proportional to the typical single family parcel. For example a golf course parcel is generally larger than a single family parcel and therefore has an increase in the number of BU's assigned to that parcel. The Benefit Units assigned to parcels within each land use category are defined below:

Single Family Residential Parcels: Since the single family residential parcel represents over 70% of the total parcels within the District, it is used as the basic unit and is defined as 1.00 BU. Except, rural single family parcels are defined as 2.00 BU's because they are generally larger in size than non-rural single family parcels.

Condominium and Mobile Homes: Due to increased population density and reduced size of structure relative to the typical single family residence, each condominium and mobile home is defined as 0.75 BU.

Multi-Family Parcels: Due to increased population density and reduced size of structure relative to the typical single family residence, multi-family parcels have been assigned equivalency factors based on the number of units associated with the parcel as shown on the following page:

Table 3 - Multi-Family Parcels Assigned Benefit Unit Equivalency

Number of Units	Benefit Units
2 to 4 units	2.00 BU's
5 to 12 units	3.00 BU's
13 to 24 units	4.00 BU's
25 to 59 units	5.00 BU's
60 + units	6.00 BU's

Commercial, Industrial, Recreational, Institutional, Agricultural and Undeveloped Multi-Family Parcels: Commercial, industrial, recreational, institutional agricultural and undeveloped multi-family parcels are generally larger in size relative to a single family residential parcel and therefore should have a larger benefit unit factor. All commercial, industrial, recreational, institutional agricultural and undeveloped multi-family parcels are given a minimum BU factor of 4.00 BU's. Because these types of land uses vary considerable in size, certain land uses have their benefit units increased above the minimum of 4.00 BU's as follows:

Table 4 - Land Use and Benefit Units Greater than 4.00 BU's

Land Use Classification	Benefit Units
Shopping Centers	6.00 BU's
Industrial Park	6.00 BU's
Private Schools	6.00 BU's
Hospitals	6.00 BU's
Cemeteries, Mortuaries	6.00 BU's
Retirement Housing Complexes	6.00 BU's
Private Parks and Playgrounds	6.00 BU's
Private Community Facilities, Recreational, Etc.	6.00 BU's
Orchards, Urban Acreage, Dry Farming , Grazing (10 to 40 Acres)	6.00 BU's
Agricultural Preserves – Williamson Act Parcels (10 to 40 acres)	6.00 BU's
Orchards, Urban Acreage, Dry Farming, Grazing (40 + Acres)	8.00 BU's
Agricultural Preserves – Williamson Act Parcels (40+ acres)	8.00 BU's
Heavy Industrial	8.00 BU's
Golf Courses	8.00 BU's

Other Miscellaneous Properties: The Contra Costa County Assessor's office also has a land use category entitled "Other Miscellaneous Properties". Private parcels which fall into this category will be assessed 1.00 BU per parcel.

Benefit Factors

Because there are varying levels of benefit each parcel receives from Mosquito and Rodent Control Services, Benefit Factors have been established for each service separately. The Benefit Factor is based on a Value Factor, Activity Factor and a Production Factor as described below (**Benefit Factor = Value Factor + Activity Factor + Production Factor**).

- **Value Factor:** assigned to all assessable parcels due to the reduction of mosquitoes (and other arthropods) and rodents, which enhance the desirability and value of a property by providing a safe and attractive environment for the citizenry. All assessable parcels are given a factor of 0.50.
- **Activity Factor:** assigned to parcels which are developed for habitation or which have requirements for people being outside on the parcel, such as residences or agricultural properties, as they receive benefit from the reduction in mosquitoes (and other arthropods) and rodents, thereby allowing activity to occur on that parcel without inconvenience. Therefore, parcels with activity are assigned a factor of 0.50.
- **Production Factor:** assigned to parcels which promote the spread or breeding of mosquitoes (and other arthropods) and rodents. Therefore, parcels with production are assigned a factor of 0.50.

Because properties located throughout the District will receive varying degrees of benefit for Mosquito and Rodent Control Services independently of each other, separate benefit factors have been developed for each service as described on the following page.

Table 5 - Mosquito Control Services Benefit Factors

Special Benefit Factors for Mosquito (and other Arthropod) Control Services						
Land Use	Value Factor	+	Activity Factor	+	Production Factor	= Benefit Factor
Single Family Residential (SFR)	0.5	+	0.5	+	0.5	= 1.5
Apartments & mobile homes	0.5	+	0.5	+		= 1.0
Golf courses, outdoor rec. facilities	0.5	+	0.5	+	0.5	= 1.5
Service stations, car washes, bulk plants	0.5	+		+	0.5	= 1.0
Hotels, motels, restaurants	0.5	+	0.5	+		= 1.0
General industrial	0.5	+		+	0.5	= 1.0
Institutional: hospitals, churches, private schools, retirement homes	0.5	+	0.5	+	0.5	= 1.5
Dry Farming	0.5	+	0.5	+	0.5	= 1.5
Medical, dental offices	0.5	+		+		= 0.5
Warehouses	0.5	+		+		= 0.5
Vacant	0.5	+		+	0.5	= 1.0

Table 6 - Rodent Control Services Benefit Factors

Special Benefit Factors for Rodent Control Services						
Land Use	Value Factor	+	Activity Factor	+	Production Factor	= Benefit Factor
Single Family Residential (SFR)	0.5	+	0.5	+	0.5	= 1.5
Apartments, mobile homes	0.5	+	0.5	+	0.5	= 1.5
Golf courses, outdoor rec. facilities	0.5	+	0.5	+	0.5	= 1.5
Service stations, car washes, bulk plants	0.5	+	0.5	+		= 1.0
Hotels, motels, restaurants	0.5	+	0.5	+	0.5	= 1.5
General industrial	0.5	+	0.5	+		= 1.0
Institutional: hospitals, churches, private schools, retirement homes	0.5	+	0.5	+	0.5	= 1.5
Dry Farming	0.5	+	0.5	+	0.5	= 1.5
Medical, dental offices	0.5	+		+		= 0.5
Warehouses	0.5	+	0.5	+	0.5	= 1.5
Vacant	0.5	+		+	0.5	= 1.0

BENEFIT ZONES

Because the degree of Mosquito and Rodent Control Services needed vary throughout the District, four (4) distinct zones have been established to accurately track the costs associated with those areas and assess them to the benefiting property owners. These benefit zones are identified as follows:

- Zone WC - West County

El Cerrito	El Sobrante
Hercules	Kensington
North Richmond	Pinole
Richmond	Rodeo
San Pablo	

- Zone WA - Waterfront Area

Antioch	Bay Point
Briones	Clyde
Crockett	Martinez
Pittsburg	Port Costa

- Zone CC - Central County

Alamo	Blackhawk
Canyon	Clayton
Concord	Danville
Diablo	Lafayette
Moraga	Orinda
Pacheco	Pleasant Hill
San Ramon	Walnut Creek

- Zone EC - East County

Bethel Island	Brentwood
Byron	Discovery Bay
Knightsten	Oakley

The zones referenced above are shown on the map included in Part C of this report.

Below are the assessment rates for Fiscal Year 2016-17 for each land use type by zone. These rates have remained the same since Fiscal Year 2005-06.

Table 7 – Assessment Rates for Year 2016-17

FY 2016-17 Assessments for Mosquito (and other arthropod) Control Services				
Land Use	Waterfront Areas	West County	Central County	East County
Single Family Residential (SFR)	\$4.32	\$1.44	\$3.76	\$10.00
10 Unit Apartment	\$7.74	\$2.57	\$6.77	\$17.47
100 Unit Apartment	\$14.57	\$4.85	\$12.79	\$32.40
Golf courses	\$28.24	\$9.40	\$24.83	\$62.27
Service stations	\$10.01	\$3.33	\$8.78	\$22.45
Hotels, motels	\$10.01	\$3.33	\$8.78	\$22.45
Heavy industrial	\$19.13	\$6.37	\$16.80	\$42.36
Dry Farming (10 - 40 Acres)	\$21.41	\$7.13	\$18.81	\$47.34
Orchards (40+ Acres)	N/A	N/A	N/A	\$42.36
Medical, dental offices	\$5.46	\$1.82	\$4.76	\$12.49
Warehouses	\$5.46	\$1.82	\$4.76	\$12.49
Vacant Residential	\$3.18	\$1.06	\$2.76	\$7.51

FY 2016-17 Assessments for Rodent Control Services				
Land Use	Waterfront Areas	West County	Central County	East County
Single Family Residential (SFR)	\$1.02	\$1.69	\$0.98	\$1.89
10 Unit Apartment	\$2.63	\$4.34	\$2.54	\$4.70
100 Unit Apartment	\$5.03	\$8.31	\$4.88	\$8.92
Golf courses	\$6.64	\$10.96	\$6.44	\$11.74
Service stations	\$2.36	\$3.89	\$2.28	\$4.23
Hotels, motels	\$3.43	\$5.66	\$3.32	\$6.11
Heavy industrial	\$4.50	\$7.43	\$4.36	\$7.99
Dry Farming (10 - 40 Acres)	\$5.03	\$8.31	\$4.88	\$8.92
Orchards (40+ Acres)	N/A	N/A	N/A	\$11.74
Medical, dental offices	\$1.29	\$2.13	\$1.24	\$2.36
Warehouses	\$3.43	\$5.66	\$3.32	\$6.11
Vacant Residential	\$0.75	\$1.25	\$0.72	\$1.42

FY 2016-17 Total Assessments for Mosquito (and other arthropod) and Rodent Control Services				
Land Use	Waterfront Areas	West County	Central County	East County
Single Family Residential (SFR)	\$5.34	\$3.13	\$4.74	\$11.89
10 Unit Apartment	\$10.36	\$6.91	\$9.31	\$22.17
100 Unit Apartment	\$19.61	\$13.16	\$17.67	\$41.33
Golf courses	\$34.88	\$20.36	\$31.27	\$74.01
Service stations	\$12.37	\$7.22	\$11.06	\$26.68
Hotels, motels	\$13.44	\$8.99	\$12.10	\$28.56
Heavy industrial	\$23.63	\$13.80	\$21.16	\$50.35
Dry Farming (10 - 40 Acres)	\$26.44	\$15.44	\$23.69	\$56.26
Orchards (40+ Acres)	N/A	N/A	N/A	\$54.10
Medical, dental offices	\$6.75	\$3.95	\$6.00	\$14.85
Warehouses	\$8.89	\$7.48	\$8.08	\$18.60
Vacant Residential	\$3.93	\$2.31	\$3.48	\$8.93

DURATION OF ASSESSMENT

The duration of the Assessment must be set by the District as required by the Code. The Board set the duration of the assessment for fifty (50) years beginning in 1996-97, unless at the end of such time there remains in the District mosquitoes (and other arthropods) or other vectors which create or may create a nuisance to the public health, in which case the assessments may be extended on a yearly basis.

MAXIMUM ASSESSMENT

The maximum assessment rate, which may be levied during the life of the Assessment, may be adjusted annually by the All Urban Consumer Price Index for the San Francisco Urban Area each year, but not to exceed five percent (5%) in any year. The base that is used for calculating the adjustment in the Consumer Price Index (CPI) is obtained from the U.S. Department of Labor for the San Francisco - Oakland - San Jose, CA Area, and is the Annual Average for the year 2013 of all Urban Consumers. For example, the CPI percentage change for FY 2002-03 was 5.38%, however, the increase in the maximum assessment rate for FY 2002-03 was limited to 5.00%.

Table 8 - Maximum Assessment per Single Family Home for FY 2016-17

CPI		Annual CPI		Allowable				
Calendar	Fiscal	Average	Perct.	Perct.	WA	WC	CC	EC
Year	Year	Bay Area	Change	Change	Zone	Zone	Zone	Zone
1995	FY 1996-97	151.600			\$4.08	\$2.39	\$3.63	\$9.10
1996	FY 1997-98	155.100	2.31%	2.31%	\$4.18	\$2.45	\$3.71	\$9.31
1997	FY 1998-99	160.400	3.42%	3.42%	\$4.32	\$2.53	\$3.84	\$9.62
1998	FY 1999-00	165.500	3.18%	3.18%	\$4.46	\$2.61	\$3.96	\$9.93
1999	FY 2000-01	172.500	4.23%	4.23%	\$4.65	\$2.72	\$4.13	\$10.35
2000	FY 2001-02	180.200	4.46%	4.46%	\$4.86	\$2.84	\$4.31	\$10.81
2001	FY 2002-03	189.900	5.38%	5.00%	\$5.10	\$2.98	\$4.53	\$11.35
2002	FY 2003-04	193.000	1.63%	1.63%	\$5.18	\$3.03	\$4.60	\$11.54
2003	FY 2004-05	196.400	1.76%	1.76%	\$5.27	\$3.08	\$4.68	\$11.74
2004	FY 2005-06	198.800	1.22%	1.22%	\$5.34	\$3.12	\$4.74	\$11.88
2005	FY 2006-07	202.700	1.96%	1.96%	\$5.44	\$3.18	\$4.83	\$12.12
2006	FY 2007-08	209.200	3.21%	3.21%	\$5.62	\$3.29	\$4.99	\$12.51
2007	FY 2008-09	216.048	3.27%	3.27%	\$5.80	\$3.39	\$5.15	\$12.92
2008	FY 2009-10	222.767	3.11%	3.11%	\$5.98	\$3.50	\$5.31	\$13.32
2009	FY 2010-11	224.395	0.73%	0.73%	\$6.02	\$3.52	\$5.35	\$13.41
2010	FY 2011-12	227.469	1.37%	1.37%	\$6.11	\$3.57	\$5.42	\$13.60
2011	FY 2012-13	233.390	2.60%	2.60%	\$6.27	\$3.67	\$5.56	\$13.95
2012	FY 2013-14	239.650	2.68%	2.68%	\$6.43	\$3.76	\$5.71	\$14.33
2013	FY 2014-15	245.023	2.24%	2.24%	\$6.58	\$3.85	\$5.84	\$14.65
2014	FY 2015-16	251.985	2.84%	2.84%	\$6.76	\$3.96	\$6.00	\$15.06
2015	FY 2016-17	258.572	2.61%	2.61%	\$6.94	\$4.06	\$6.16	\$15.46
Current Proposed Rate					\$5.34	\$3.12	\$4.74	\$11.88

The assessment levied per single family home shall be in the range indicated above, respectively for each zone, with the exact amount to be levied in any given year to be determined by the budget for that year. Other land use classifications will be adjusted accordingly by assessment benefit unit. This range of assessments shall be increased in each subsequent year by the annual average percentage increase from the current year in the All Urban Consumer Price Index for the San Francisco Urban Area. The maximum amount of assessment in any future year shall not exceed the maximum amount set forth above, as adjusted by the CPI, unless otherwise approved by ballot pursuant to the laws which govern such increases in assessments.

APPENDIX A

Calculation of Assessment Rates by Land Use

*CONTRA COSTA COUNTY - Mosquito Assessment
Summary Information for Zone "WA"*

(Waterfront Area)

County		Benefit	Benefit	Assmt.	Total No.	Total of	FY 2016-17	FY 2016-17	FY 2016-17	FY 2016-17
<u>Use Code</u>	<u>County Use Code Description</u>	<u>Units</u>	<u>Factor</u>	<u>Units</u>	<u>of Parcels</u>	<u>Assmt. Units</u>	<u>County Admin. Charge</u>	<u>O&M Revenue</u>	<u>Generated Revenue</u>	<u>Assmt. Per Parcel</u>
<i>Single Family Residential</i>										
1	Unassigned Single Family Residential Parcels									
10	Vacant unbuildable residential	1.000	1.000	1.00	343	343.00	\$228.25	\$861.98	\$1,090.23	\$3.18
11	Single family residence	1.000	1.500	1.50	53,867	80,800.50	\$35,845.78	\$196,745.40	\$232,591.18	\$4.32
12	Single family residence on two or more lots	1.000	1.500	1.50	158	237.00	\$105.14	\$577.08	\$682.22	\$4.32
13	Two single family residence on one lot	2.000	1.500	3.00	599	1,797.00	\$398.60	\$4,235.24	\$4,633.85	\$7.74
14	Single family residence on other than single family land	1.000	1.500	1.50	2,507	3,760.50	\$1,668.28	\$9,156.64	\$10,824.92	\$4.32
15	Miscellaneous residential improvements on one site	1.000	1.500	1.50	56	84.00	\$37.27	\$204.54	\$241.80	\$4.32
16	Single family attached residence, townhouses, duets	0.750	1.500	1.13	3,365	3,785.63	\$2,239.24	\$9,414.96	\$11,654.19	\$3.46
17	Vacant residential property	1.000	1.000	1.00	1,550	1,550.00	\$1,031.45	\$3,895.25	\$4,926.70	\$3.18
18	Vacant residential property	1.000	1.000	1.00	94	94.00	\$62.55	\$236.23	\$298.78	\$3.18
19	Single family residential detached with common area	1.000	1.500	1.50	3,567	5,350.50	\$2,373.66	\$13,028.21	\$15,401.87	\$4.32
Subtotal					66,106	97,802.13	\$43,990.22	\$238,355.54	\$282,345.75	
<i>Multi-Family Residential</i>										
2	Undefined									
20	Vacant multiple property	4.000	1.000	4.00	105	420.00	\$69.87	\$981.67	\$1,051.54	\$10.01
21	Duplex (residential)	2.000	1.000	2.00	844	1,688.00	\$561.64	\$4,044.27	\$4,605.91	\$5.46
22	Triplex (residential)	2.000	1.000	2.00	90	180.00	\$59.89	\$431.26	\$491.15	\$5.46
23	Four-plex (residential)	2.000	1.000	2.00	285	570.00	\$189.65	\$1,365.66	\$1,555.31	\$5.46
24	Combination single plus double residential	2.000	1.000	2.00	182	364.00	\$121.11	\$872.11	\$993.22	\$5.46
25	5 - 12 multiple residential units	3.000	1.000	3.00	163	489.00	\$108.47	\$1,152.49	\$1,260.96	\$7.74
26	13 - 24 residential unit	4.000	1.000	4.00	43	172.00	\$28.61	\$402.02	\$430.63	\$10.01
27	25 - 59 multiple residential units	5.000	1.000	5.00	30	150.00	\$19.96	\$348.84	\$368.80	\$12.29
28	60+ multiple residential units	6.000	1.000	6.00	59	354.00	\$39.26	\$820.50	\$859.76	\$14.57
29	Cluster homes, Co-ops, Condos	0.750	1.500	1.13	2,663	2,995.88	\$1,772.09	\$7,450.82	\$9,222.92	\$3.46
Subtotal					4,464	7,382.88	\$2,970.57	\$17,869.64	\$20,840.21	
<i>Commercial</i>										
3	Undefined									
30	Vacant commercial property	4.000	1.000	4.00	207	828.00	\$137.75	\$1,935.29	\$2,073.04	\$10.01
31	Commercial stores (not supermarket)	4.000	0.500	2.00	408	816.00	\$271.50	\$1,935.05	\$2,226.55	\$5.46
32	Small grocery stores	4.000	0.500	2.00	22	44.00	\$14.64	\$105.42	\$120.06	\$5.46
33	Office buildings	4.000	0.500	2.00	185	370.00	\$123.11	\$886.48	\$1,009.59	\$5.46
34	Medical-dental offices	4.000	0.500	2.00	58	116.00	\$38.60	\$277.92	\$316.52	\$5.46
35	Service stations, car washes/bulk plants	4.000	1.000	4.00	74	296.00	\$49.24	\$691.84	\$741.09	\$10.01
36	Garages	4.000	1.000	4.00	107	428.00	\$71.20	\$1,000.37	\$1,071.57	\$10.01
37	Community facilities, recreational, etc.	6.000	1.500	9.00	13	117.00	\$8.65	\$269.66	\$278.31	\$21.41
38	Golf Courses	8.000	1.500	12.00	2	24.00	\$1.33	\$55.16	\$56.49	\$28.24
39	Bowling Alleys	4.000	1.000	4.00	1	4.00	\$0.67	\$9.35	\$10.01	\$10.01
Subtotal					1,077	3,043.00	\$716.69	\$7,186.55	\$7,903.24	
<i>Improved Commercial</i>										
4	Undefined									
40	Boat harbors	4.000	1.500	6.00	11	66.00	\$7.32	\$152.97	\$160.29	\$14.57
41	Supermarkets (not in shopping centers)	4.000	0.500	2.00	11	22.00	\$7.32	\$52.71	\$60.03	\$5.46
42	Shopping centers	6.000	1.000	6.00	138	828.00	\$91.83	\$1,919.12	\$2,010.96	\$14.57
43	Financial office buildings	4.000	0.500	2.00	18	36.00	\$11.98	\$86.25	\$98.23	\$5.46
44	Hotels, motels, mobile homes	4.000	1.000	4.00	36	144.00	\$23.96	\$336.57	\$360.53	\$10.01
45	Theaters	4.000	1.000	4.00	4	16.00	\$2.66	\$37.40	\$40.06	\$10.01
46	Drive-in restaurants	4.000	1.000	4.00	49	196.00	\$32.61	\$458.11	\$490.72	\$10.01
47	Restaurants	4.000	1.000	4.00	33	132.00	\$21.96	\$308.53	\$330.49	\$10.01
48	Mixed multiple/commercial	4.000	1.000	4.00	50	200.00	\$33.27	\$467.46	\$500.73	\$10.01
49	New car agencies	4.000	1.000	4.00	20	80.00	\$13.31	\$186.98	\$200.29	\$10.01
Subtotal					370	1,720.00	\$246.22	\$4,006.12	\$4,252.33	

*CONTRA COSTA COUNTY - Mosquito Assessment
Summary Information for Zone "WA"*

(Waterfront Area)

County		Benefit	Benefit	Assmt.	Total No.	Total of	FY 2016-17	FY 2016-17	FY 2016-17	FY 2016-17
<u>Use Code</u>	<u>County Use Code Description</u>	<u>Units</u>	<u>Factor</u>	<u>Units</u>	<u>of Parcels</u>	<u>Assmt Units</u>	<u>County Admin. Charge</u>	<u>O&M Revenue</u>	<u>Generated Revenue</u>	<u>Assmt. Per Parcel</u>
<i>Industrial</i>										
5	Undefined									
50	Vacant industrial land	4.000	1.000	4.00	227	908.00	\$151.06	\$2,122.28	\$2,273.34	\$10.01
51	Industrial park	6.000	1.000	6.00	116	696.00	\$77.19	\$1,613.18	\$1,690.37	\$14.57
52	Research & development	4.000	1.000	4.00	2	8.00	\$1.33	\$18.70	\$20.03	\$10.01
53	Light industrial	4.000	1.000	4.00	178	712.00	\$118.45	\$1,664.17	\$1,782.62	\$10.01
54	Heavy industrial	8.000	1.000	8.00	89	712.00	\$59.23	\$1,643.31	\$1,702.53	\$19.13
55	Warehouse	4.000	0.500	2.00	22	44.00	\$14.64	\$105.42	\$120.06	\$5.46
56	Misc. improvements industrial	4.000	0.500	2.00	56	112.00	\$37.27	\$268.34	\$305.61	\$5.46
59	Unassigned (Pipeline R/W)	4.000	0.500	2.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
Subtotal					690	3,192.00	\$459.16	\$7,435.39	\$7,894.55	
<i>Rural Properties - Agricultural</i>										
6	Undefined									
61	Rural residential	2.000	1.500	3.00	104	312.00	\$69.21	\$735.33	\$804.54	\$7.74
62	Rural, with or without structures	2.000	1.500	3.00	97	291.00	\$64.55	\$685.84	\$750.39	\$7.74
63	Urban acreage (10 - 40 acres)	6.000	1.500	9.00	68	612.00	\$45.25	\$1,410.52	\$1,455.77	\$21.41
64	Urban acreage (40 + acres)	8.000	1.500	12.00	28	336.00	\$18.63	\$772.21	\$790.85	\$28.24
65	Orchards (10 - 40 acres)	6.000	1.000	6.00	3	18.00	\$2.00	\$41.72	\$43.72	\$14.57
66	Orchards (40 + acres)	8.000	1.000	8.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
67	Dry farming, grazing (10 - 40 acres)	6.000	1.500	9.00	49	441.00	\$32.61	\$1,016.40	\$1,049.01	\$21.41
68	Dry farming, grazing (40 + acres)	8.000	1.500	12.00	58	696.00	\$38.60	\$1,599.59	\$1,638.18	\$28.24
69	Agric pres - Williamson Act parcels < 10.00 Ac	2.000	1.500	3.00	10	30.00	\$6.65	\$70.71	\$77.36	\$7.74
69	Agric pres - Williamson Act parcels 10.00 - 40.00 Ac	6.000	1.500	9.00	33	297.00	\$21.96	\$684.52	\$706.48	\$21.41
69	Agric pres - Williamson Act parcels > 40.00 Ac	8.000	1.500	12.00	58	696.00	\$38.60	\$1,599.59	\$1,638.18	\$28.24
Subtotal					508	3,729.00	\$338.05	\$8,616.42	\$8,954.47	
<i>Institutional</i>										
7	Undefined									
70	Convalescent hospitals & rest homes	4.000	1.500	6.00	9	54.00	\$5.99	\$125.16	\$131.15	\$14.57
71	Churches	4.000	1.500	6.00	147	882.00	\$97.82	\$2,044.29	\$2,142.11	\$14.57
72	Schools	6.000	1.500	9.00	29	261.00	\$19.30	\$601.54	\$620.84	\$21.41
73	Hospitals	6.000	1.500	9.00	7	63.00	\$4.66	\$145.20	\$149.86	\$21.41
74	Cemeteries, Mortuaries	6.000	1.500	9.00	9	81.00	\$5.99	\$186.69	\$192.68	\$21.41
75	Fraternal & service organizations	4.000	1.500	6.00	18	108.00	\$11.98	\$250.32	\$262.30	\$14.57
76	Retirement housing complex (may be treated as multiple)	6.000	1.500	9.00	9	81.00	\$5.99	\$186.69	\$192.68	\$21.41
77	Cultural uses (libraries)	4.000	1.500	6.00	1	6.00	\$0.67	\$13.91	\$14.57	\$14.57
78	Parks & playground	6.000	1.500	9.00	9	81.00	\$5.99	\$186.69	\$192.68	\$21.41
79	Government - owned buildings	0.000	0.000	0.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
Subtotal					238	1,617.00	\$158.38	\$3,740.47	\$3,898.85	
<i>Miscellaneous Properties</i>										
80	Mineral rights	0.000	0.000	0.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
81	Private roads	1.000	0.500	0.50	20	10.00	\$13.31	\$27.47	\$40.78	\$2.04
82	Pipelines	1.000	0.500	0.50	24	12.00	\$15.97	\$32.97	\$48.94	\$2.04
83	State Board assessed parcels (S.B.E.)	0.000	0.000	0.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
84	Utilities	1.000	0.500	0.50	2	1.00	\$1.33	\$2.75	\$4.08	\$2.04
85	Parking facilities	1.000	1.000	1.00	49	49.00	\$32.61	\$123.14	\$155.75	\$3.18
Subtotal					95	72.00	\$63.22	\$186.33	\$249.55	
County Total					73,548	118,558.00	\$48,942.49	\$287,396.46	\$336,338.95	

The Board of Directors voted to reduce the Benefit Factor for Orchards to 1.00 Benefit Factors

65	Orchards (10 - 40 acres)	6.000	1.000	6.00	3	18.00	\$2.00	\$41.72	\$43.72	
66	Orchards (40 + acres)	8.000	1.000	8.00	0	0.00	\$0.00	\$0.00	\$0.00	

*CONTRA COSTA COUNTY - Mosquito Assessment
Summary Information for Zone "WC"
(West County)*

County		Benefit	Benefit	Assmt.	Total No.	Total of	FY 2016-17	FY 2016-17	FY 2016-17	FY 2016-17
<u>Use Code</u>	<u>County Use Code Description</u>	<u>Units</u>	<u>Factor</u>	<u>Units</u>	<u>of Parcels</u>	<u>Assmt.Units</u>	<u>County Admin. Charge</u>	<u>O&M Revenue</u>	<u>Generated Revenue</u>	<u>Assmt. Per Parcel</u>
<i>Single Family Residential</i>										
1	Unassigned Single Family Residential Parcels									
10	Vacant unbuildable residential	1,000	1,000	1.00	423	423.00	\$93.40	\$353.80	\$447.20	\$1.06
11	Single family residence	1,000	1,500	1.50	45,774	68,661.00	\$10,106.71	\$55,649.33	\$65,756.04	\$1.44
12	Single family residence on two or more lots	1,000	1,500	1.50	210	315.00	\$46.37	\$255.31	\$301.67	\$1.44
13	Two single family residence on one lot	2,000	1,500	3.00	762	2,286.00	\$168.25	\$1,793.54	\$1,961.79	\$2.57
14	Single family residence on other than single family land	1,000	1,500	1.50	5,546	8,319.00	\$1,224.53	\$6,742.50	\$7,967.03	\$1.44
15	Miscellaneous residential improvements on one site	1,000	1,500	1.50	83	124.50	\$18.33	\$100.91	\$119.23	\$1.44
16	Single family attached residence, townhouses, duets	0,750	1,500	1.13	2,990	3,363.75	\$660.18	\$2,784.42	\$3,444.60	\$1.15
17	Vacant residential property	1,000	1,000	1.00	1,318	1,318.00	\$291.01	\$1,102.39	\$1,393.40	\$1.06
18	Vacant residential property	1,000	1,000	1.00	82	82.00	\$18.11	\$68.59	\$86.69	\$1.06
19	Single family residential detached with common area	1,000	1,500	1.50	5,576	8,364.00	\$1,231.16	\$6,778.97	\$8,010.13	\$1.44
Subtotal					62,764	93,256.25	\$13,858.03	\$75,629.75	\$89,487.78	
<i>Multi-Family Residential</i>										
2	Undefined									
20	Vacant multiple property	4,000	1,000	4.00	105	420.00	\$23.18	\$326.80	\$349.98	\$3.33
21	Duplex (residential)	2,000	1,000	2.00	1,624	3,248.00	\$358.57	\$2,590.39	\$2,948.97	\$1.82
22	Triplex (residential)	2,000	1,000	2.00	333	666.00	\$73.53	\$531.16	\$604.68	\$1.82
23	Four-plex (residential)	2,000	1,000	2.00	972	1,944.00	\$214.61	\$1,550.41	\$1,765.02	\$1.82
24	Combination single plus double residential	2,000	1,000	2.00	162	324.00	\$35.77	\$258.40	\$294.17	\$1.82
25	5 - 12 multiple residential units	3,000	1,000	3.00	501	1,503.00	\$110.62	\$1,179.22	\$1,289.84	\$2.57
26	13 - 24 residential unit	4,000	1,000	4.00	71	284.00	\$15.68	\$220.98	\$236.66	\$3.33
27	25 - 59 multiple residential units	5,000	1,000	5.00	59	295.00	\$13.03	\$228.39	\$241.42	\$4.09
28	60+ multiple residential units	6,000	1,000	6.00	48	288.00	\$10.60	\$222.23	\$232.82	\$4.85
29	Cluster homes, Co-ops, Condos	0,750	1,500	1.13	6,398	7,197.75	\$1,412.65	\$5,958.10	\$7,370.75	\$1.15
Subtotal					10,273	16,169.75	\$2,268.24	\$13,066.08	\$15,334.31	
<i>Commercial</i>										
3	Undefined									
30	Vacant commercial property	4,000	1,000	4.00	287	1,148.00	\$63.37	\$893.26	\$956.62	\$3.33
31	Commercial stores (not supermarket)	4,000	0,500	2.00	714	1,428.00	\$157.65	\$1,138.88	\$1,296.53	\$1.82
32	Small grocery stores	4,000	0,500	2.00	15	30.00	\$3.31	\$23.93	\$27.24	\$1.82
33	Office buildings	4,000	0,500	2.00	234	468.00	\$51.67	\$373.25	\$424.91	\$1.82
34	Medical-dental offices	4,000	0,500	2.00	74	148.00	\$16.34	\$118.04	\$134.37	\$1.82
35	Service stations, car washes/bulk plants	4,000	1,000	4.00	80	320.00	\$17.66	\$248.99	\$266.65	\$3.33
36	Garages	4,000	1,000	4.00	171	684.00	\$37.76	\$532.22	\$569.97	\$3.33
37	Community facilities, recreational, etc.	6,000	1,500	9.00	12	108.00	\$2.65	\$82.87	\$85.52	\$7.13
38	Golf Courses	8,000	1,500	12.00	5	60.00	\$1.10	\$45.91	\$47.01	\$9.40
39	Bowling Alleys	4,000	1,000	4.00	1	4.00	\$0.22	\$3.11	\$3.33	\$3.33
Subtotal					1,593	4,398.00	\$351.73	\$3,460.44	\$3,812.17	
<i>Improved Commercial</i>										
4	Undefined									
40	Boat harbors	4,000	1,500	6.00	18	108.00	\$3.97	\$83.33	\$87.31	\$4.85
41	Supermarkets (not in shopping centers)	4,000	0,500	2.00	6	12.00	\$1.32	\$9.57	\$10.90	\$1.82
42	Shopping centers	6,000	1,000	6.00	121	726.00	\$26.72	\$560.19	\$586.91	\$4.85
43	Financial office buildings	4,000	0,500	2.00	20	40.00	\$4.42	\$31.90	\$36.32	\$1.82
44	Hotels, motels, mobile homes	4,000	1,000	4.00	50	200.00	\$11.04	\$155.62	\$166.66	\$3.33
45	Theaters	4,000	1,000	4.00	2	8.00	\$0.44	\$6.22	\$6.67	\$3.33
46	Drive-in restaurants	4,000	1,000	4.00	62	248.00	\$13.69	\$192.97	\$206.66	\$3.33
47	Restaurants	4,000	1,000	4.00	43	172.00	\$9.49	\$133.83	\$143.33	\$3.33
48	Mixed multiple/commercial	4,000	1,000	4.00	79	316.00	\$17.44	\$245.88	\$263.32	\$3.33
49	New car agencies	4,000	1,000	4.00	28	112.00	\$6.18	\$87.15	\$93.33	\$3.33
Subtotal					429	1,942.00	\$94.72	\$1,506.67	\$1,601.39	

*CONTRA COSTA COUNTY - Mosquito Assessment
Summary Information for Zone "WC"
(West County)*

County		Benefit	Benefit	Assmt.	Total No.	Total of	FY 2016-17	FY 2016-17	FY 2016-17	FY 2016-17
<u>Use Code</u>	<u>County Use Code Description</u>	<u>Units</u>	<u>Factor</u>	<u>Units</u>	<u>of Parcels</u>	<u>Assmt.Units</u>	<u>County Admin. Charge</u>	<u>O&M Revenue</u>	<u>Generated Revenue</u>	<u>Assmt. Per Parcel</u>
<i>Industrial</i>										
5	Undefined									
50	Vacant industrial land	4.000	1.000	4.00	368	1,472.00	\$81.25	\$1,145.36	\$1,226.61	\$3.33
51	Industrial park	6.000	1.000	6.00	64	384.00	\$14.13	\$296.30	\$310.43	\$4.85
52	Research & development	4.000	1.000	4.00	21	84.00	\$4.64	\$65.36	\$70.00	\$3.33
53	Light industrial	4.000	1.000	4.00	386	1,544.00	\$85.23	\$1,201.38	\$1,286.61	\$3.33
54	Heavy industrial	8.000	1.000	8.00	59	472.00	\$13.03	\$362.67	\$375.70	\$6.37
55	Warehouse	4.000	0.500	2.00	28	56.00	\$6.18	\$44.66	\$50.84	\$1.82
56	Misc. improvements industrial	4.000	0.500	2.00	92	184.00	\$20.31	\$146.75	\$167.06	\$1.82
59	Unassigned (Pipeline R/W)	4.000	0.500	2.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
Subtotal					1,018	4,196.00	\$224.77	\$3,262.48	\$3,487.25	
<i>Rural Properties - Agricultural</i>										
6	Undefined									
61	Rural residential	2.000	1.500	3.00	3	9.00	\$0.66	\$7.06	\$7.72	\$2.57
62	Rural, with or without structures	2.000	1.500	3.00	13	39.00	\$2.87	\$30.60	\$33.47	\$2.57
63	Urban acreage (10 - 40 acres)	6.000	1.500	9.00	18	162.00	\$3.97	\$124.30	\$128.28	\$7.13
64	Urban acreage (40 + acres)	8.000	1.500	12.00	4	48.00	\$0.88	\$36.73	\$37.61	\$9.40
65	Orchards (10 - 40 acres)	6.000	1.000	6.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
66	Orchards (40 + acres)	8.000	1.000	8.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
67	Dry farming, grazing (10 - 40 acres)	6.000	1.500	9.00	1	9.00	\$0.22	\$6.91	\$7.13	\$7.13
68	Dry farming, grazing (40 + acres)	8.000	1.500	12.00	5	60.00	\$1.10	\$45.91	\$47.01	\$9.40
69	Agric pres - Williamson Act parcels < 10.00 Ac	2.000	1.500	3.00	1	3.00	\$0.22	\$2.35	\$2.57	\$2.57
69	Agric pres - Williamson Act parcels 10.00 - 40.00 Ac	6.000	1.500	9.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
69	Agric pres - Williamson Act parcels > 40.00 Ac	8.000	1.500	12.00	1	12.00	\$0.22	\$9.18	\$9.40	\$9.40
Subtotal					46	342.00	\$10.16	\$263.04	\$273.19	
<i>Institutional</i>										
7	Undefined									
70	Convalescent hospitals & rest homes	4.000	1.500	6.00	12	72.00	\$2.65	\$55.56	\$58.21	\$4.85
71	Churches	4.000	1.500	6.00	289	1,734.00	\$63.81	\$1,337.98	\$1,401.79	\$4.85
72	Schools	6.000	1.500	9.00	42	378.00	\$9.27	\$290.04	\$299.31	\$7.13
73	Hospitals	6.000	1.500	9.00	6	54.00	\$1.32	\$41.43	\$42.76	\$7.13
74	Cemeteries, Mortuaries	6.000	1.500	9.00	20	180.00	\$4.42	\$138.11	\$142.53	\$7.13
75	Fraternal & service organizations	4.000	1.500	6.00	30	180.00	\$6.62	\$138.89	\$145.51	\$4.85
76	Retirement housing complex (may be treated as multiple)	6.000	1.500	9.00	8	72.00	\$1.77	\$55.25	\$57.01	\$7.13
77	Cultural uses (libraries)	4.000	1.500	6.00	1	6.00	\$0.22	\$4.63	\$4.85	\$4.85
78	Parks & playground	6.000	1.500	9.00	4	36.00	\$0.88	\$27.62	\$28.51	\$7.13
79	Government - owned buildings	0.000	0.000	0.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
Subtotal					412	2,712.00	\$90.97	\$2,089.52	\$2,180.48	
<i>Miscellaneous Properties</i>										
80	Mineral rights	0.000	0.000	0.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
81	Private roads	1.000	0.500	0.50	49	24.50	\$10.82	\$22.40	\$33.22	\$0.68
82	Pipelines	1.000	0.500	0.50	1	0.50	\$0.22	\$0.46	\$0.68	\$0.68
83	State Board assessed parcels (S.B.E.)	0.000	0.500	0.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
84	Utilities	1.000	0.500	0.50	0	0.00	\$0.00	\$0.00	\$0.00	N/A
85	Parking facilities	1.000	1.000	1.00	219	219.00	\$48.35	\$183.17	\$231.53	\$1.06
Subtotal					269	244.00	\$59.39	\$206.03	\$265.42	
County Total					76,804	123,260	\$16,958.00	\$99,484.01	\$116,442.01	

The Board of Directors voted to reduce the Benefit Factor for Orchards to 1.00 Benefit Factors

65	Orchards (10 - 40 acres)	6.000	1.000	6.00	0	0.00	\$0.00	\$0.00	\$0.00	
66	Orchards (40 + acres)	8.000	1.000	8.00	0	0.00	\$0.00	\$0.00	\$0.00	

*CONTRA COSTA COUNTY - Mosquito Assessment
Summary Information for Zone "CC"*

(Central County)

County		Benefit	Benefit	Assmt.	Total No.	Total of	FY 2016-17	FY 2016-17	FY 2016-17	FY 2016-17
<u>Use Code</u>	<u>County Use Code Description</u>	<u>Units</u>	<u>Factor</u>	<u>Units</u>	<u>of Parcels</u>	<u>Assmt.Units</u>	<u>County Admin. Charge</u>	<u>O&M Revenue</u>	<u>Generated Revenue</u>	<u>Assmt. Per Parcel</u>
<i>Single Family Residential</i>										
1	Unassigned Single Family Residential Parcels									
10	Vacant unbuildable residential	1.000	1.000	1.00	759	759.00	\$421.99	\$1,671.24	\$2,093.23	\$2.76
11	Single family residence	1.000	1.500	1.50	87,411	131,116.50	\$48,599.06	\$280,147.37	\$328,746.44	\$3.76
12	Single family residence on two or more lots	1.000	1.500	1.50	595	892.50	\$330.81	\$1,906.94	\$2,237.75	\$3.76
13	Two single family residence on one lot	2.000	1.500	3.00	1,153	3,459.00	\$641.05	\$7,164.86	\$7,805.90	\$6.77
14	Single family residence on other than single family land	1.000	1.500	1.50	437	655.50	\$242.96	\$1,400.56	\$1,643.53	\$3.76
15	Miscellaneous residential improvements on one site	1.000	1.500	1.50	167	250.50	\$92.85	\$535.23	\$628.07	\$3.76
16	Single family attached residence, townhouses, duets	0.750	1.500	1.13	13,496	15,183.00	\$7,503.55	\$33,101.04	\$40,604.59	\$3.01
17	Vacant residential property	1.000	1.000	1.00	2,258	2,258.00	\$1,255.41	\$4,971.87	\$6,227.28	\$2.76
18	Vacant residential property	1.000	1.000	1.00	149	149.00	\$82.84	\$328.08	\$410.92	\$2.76
19	Single family residential detached with common area	1.000	1.500	1.50	25,275	37,912.50	\$14,052.48	\$81,004.96	\$95,057.44	\$3.76
Subtotal					131,700	192,635.50	\$73,223.01	\$412,232.15	\$485,455.16	
<i>Multi-Family Residential</i>										
2	Undefined									
20	Vacant multiple property	4.000	1.000	4.00	36	144.00	\$20.02	\$295.93	\$315.94	\$8.78
21	Duplex (residential)	2.000	1.000	2.00	738	1,476.00	\$410.32	\$3,105.50	\$3,515.82	\$4.76
22	Triplex (residential)	2.000	1.000	2.00	73	146.00	\$40.59	\$307.18	\$347.77	\$4.76
23	Four-plex (residential)	2.000	1.000	2.00	345	690.00	\$191.81	\$1,451.76	\$1,643.57	\$4.76
24	Combination single plus double residential	2.000	1.000	2.00	54	108.00	\$30.02	\$227.23	\$257.25	\$4.76
25	5 - 12 multiple residential units	3.000	1.000	3.00	371	1,113.00	\$206.27	\$2,305.43	\$2,511.70	\$6.77
26	13 - 24 residential unit	4.000	1.000	4.00	156	624.00	\$86.73	\$1,282.35	\$1,369.08	\$8.78
27	25 - 59 multiple residential units	5.000	1.000	5.00	141	705.00	\$78.39	\$1,441.91	\$1,520.30	\$10.78
28	60+ multiple residential units	6.000	1.000	6.00	152	912.00	\$84.51	\$1,859.33	\$1,943.84	\$12.79
29	Cluster homes, Co-ops, Condos	0.750	1.500	1.13	20,464	23,022.00	\$11,377.64	\$50,191.14	\$61,568.79	\$3.01
Subtotal					22,530	28,940.00	\$12,526.31	\$62,467.76	\$74,994.07	
<i>Commercial</i>										
3	Undefined									
30	Vacant commercial property	4.000	1.000	4.00	187	748.00	\$103.97	\$1,537.18	\$1,641.15	\$8.78
31	Commercial stores (not supermarket)	4.000	0.500	2.00	693	1,386.00	\$385.30	\$2,916.14	\$3,301.44	\$4.76
32	Small grocery stores	4.000	0.500	2.00	25	50.00	\$13.90	\$105.20	\$119.10	\$4.76
33	Office buildings	4.000	0.500	2.00	772	1,544.00	\$429.22	\$3,248.57	\$3,677.79	\$4.76
34	Medical-dental offices	4.000	0.500	2.00	193	386.00	\$107.30	\$812.14	\$919.45	\$4.76
35	Service stations, car washes/bulk plants	4.000	1.000	4.00	130	520.00	\$72.28	\$1,068.63	\$1,140.90	\$8.78
36	Garages	4.000	1.000	4.00	176	704.00	\$97.85	\$1,446.76	\$1,544.61	\$8.78
37	Community facilities, recreational, etc.	6.000	1.500	9.00	72	648.00	\$40.03	\$1,314.05	\$1,354.08	\$18.81
38	Golf Courses	8.000	1.500	12.00	138	1,656.00	\$76.73	\$3,349.13	\$3,425.85	\$24.83
39	Bowling Alleys	4.000	1.000	4.00	3	12.00	\$1.67	\$24.66	\$26.33	\$8.78
Subtotal					2,389	7,654.00	\$1,328.24	\$15,822.45	\$17,150.70	
<i>Improved Commercial</i>										
4	Undefined									
40	Boat harbors	4.000	1.500	6.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
41	Supermarkets (not in shopping centers)	4.000	0.500	2.00	14	28.00	\$7.78	\$58.91	\$66.70	\$4.76
42	Shopping centers	6.000	1.000	6.00	331	1,986.00	\$184.03	\$4,048.93	\$4,232.96	\$12.79
43	Financial office buildings	4.000	0.500	2.00	53	106.00	\$29.47	\$223.02	\$252.49	\$4.76
44	Hotels, motels, mobile homes	4.000	1.000	4.00	56	224.00	\$31.14	\$460.33	\$491.47	\$8.78
45	Theaters	4.000	1.000	4.00	12	48.00	\$6.67	\$98.64	\$105.31	\$8.78
46	Drive-in restaurants	4.000	1.000	4.00	46	184.00	\$25.58	\$378.13	\$403.70	\$8.78
47	Restaurants	4.000	1.000	4.00	97	388.00	\$53.93	\$797.36	\$851.29	\$8.78
48	Mixed multiple/commercial	4.000	1.000	4.00	54	216.00	\$30.02	\$443.89	\$473.91	\$8.78
49	New car agencies	4.000	1.000	4.00	65	260.00	\$36.14	\$534.31	\$570.45	\$8.78
Subtotal					728	3,440.00	\$404.76	\$7,043.53	\$7,448.29	

*CONTRA COSTA COUNTY - Mosquito Assessment
Summary Information for Zone "CC"*

(Central County)

County		Benefit	Benefit	Assmt.	Total No.	Total of	FY 2016-17	FY 2016-17	FY 2016-17	FY 2016-17
<u>Use Code</u>	<u>County Use Code Description</u>	<u>Units</u>	<u>Factor</u>	<u>Units</u>	<u>of Parcels</u>	<u>Assmt. Units</u>	<u>County Admin. Charge</u>	<u>O&M Revenue</u>	<u>Generated Revenue</u>	<u>Assmt. Per Parcel</u>
<i>Industrial</i>										
5	Undefined									
50	Vacant industrial land	4,000	1,000	4.00	58	232.00	\$32.25	\$476.77	\$509.02	\$8.78
51	Industrial park	6,000	1,000	6.00	203	1,218.00	\$112.86	\$2,483.18	\$2,596.04	\$12.79
52	Research & development	4,000	1,000	4.00	9	36.00	\$5.00	\$73.98	\$78.99	\$8.78
53	Light industrial	4,000	1,000	4.00	163	652.00	\$90.63	\$1,339.89	\$1,430.52	\$8.78
54	Heavy industrial	8,000	1,000	8.00	23	184.00	\$12.79	\$373.63	\$386.41	\$16.80
55	Warehouse	4,000	0.500	2.00	41	82.00	\$22.80	\$172.53	\$195.32	\$4.76
56	Misc. improvements industrial	4,000	0.500	2.00	18	36.00	\$10.01	\$75.74	\$85.75	\$4.76
59	Unassigned (Pipeline R/W)	4,000	0.500	2.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
Subtotal					515	2,440.00	\$286.33	\$4,995.72	\$5,282.05	
<i>Rural Properties - Agricultural</i>										
6	Undefined									
61	Rural residential	2,000	1,500	3.00	498	1,494.00	\$276.88	\$3,094.62	\$3,371.50	\$6.77
62	Rural, with or without structures	2,000	1,500	3.00	219	657.00	\$121.76	\$1,360.89	\$1,482.65	\$6.77
63	Urban acreage (10 - 40 acres)	6,000	1,500	9.00	142	1,278.00	\$78.95	\$2,591.60	\$2,670.55	\$18.81
64	Urban acreage (40 + acres)	8,000	1,500	12.00	52	624.00	\$28.91	\$1,261.99	\$1,290.90	\$24.83
65	Orchards (10 - 40 acres)	6,000	1,000	6.00	2	12.00	\$1.11	\$24.46	\$25.58	\$12.79
66	Orchards (40 + acres)	8,000	1,000	8.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
67	Dry farming, grazing (10 - 40 acres)	6,000	1,500	9.00	98	882.00	\$54.49	\$1,788.57	\$1,843.06	\$18.81
68	Dry farming, grazing (40 + acres)	8,000	1,500	12.00	78	936.00	\$43.37	\$1,892.98	\$1,936.35	\$24.83
69	Agric pres - Williamson Act parcels < 10.00 Ac	2,000	1,500	3.00	9	27.00	\$5.00	\$55.93	\$60.93	\$6.77
69	Agric pres - Williamson Act parcels 10.00 - 40.00 Ac	6,000	1,500	9.00	43	387.00	\$23.91	\$784.78	\$808.69	\$18.81
69	Agric pres - Williamson Act parcels > 40.00 Ac	8,000	1,500	12.00	91	1,092.00	\$50.59	\$2,208.48	\$2,259.08	\$24.83
Subtotal					1,232	7,389.00	\$684.97	\$15,064.31	\$15,749.28	
<i>Institutional</i>										
7	Undefined									
70	Convalescent hospitals & rest homes	4,000	1,500	6.00	27	162.00	\$15.01	\$330.28	\$345.29	\$12.79
71	Churches	4,000	1,500	6.00	222	1,332.00	\$123.43	\$2,715.59	\$2,839.02	\$12.79
72	Schools (Public & Private)	6,000	1,500	9.00	109	981.00	\$60.60	\$1,989.33	\$2,049.93	\$18.81
73	Hospitals	6,000	1,500	9.00	8	72.00	\$4.45	\$146.01	\$150.45	\$18.81
74	Cemeteries, Mortuaries	6,000	1,500	9.00	7	63.00	\$3.89	\$127.76	\$131.65	\$18.81
75	Fraternal & service organizations	4,000	1,500	6.00	16	96.00	\$8.90	\$195.72	\$204.61	\$12.79
76	Retirement housing complex (may be treated as multiple)	6,000	1,500	9.00	40	360.00	\$22.24	\$730.03	\$752.27	\$18.81
77	Cultural uses (libraries)	4,000	1,500	6.00	4	24.00	\$2.22	\$48.93	\$51.15	\$12.79
78	Parks & playground (Public & Private)	6,000	1,500	9.00	13	117.00	\$7.23	\$237.26	\$244.49	\$18.81
79	Government - owned buildings	0,000	0,000	0,00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
Subtotal					446	3,207.00	\$247.97	\$6,520.89	\$6,768.86	
<i>Miscellaneous Properties</i>										
80	Mineral rights	0,000	0,000	0,00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
81	Private roads	1,000	0,500	0,50	139	69.50	\$77.28	\$166.64	\$243.92	\$1.75
82	Pipelines	1,000	0,500	0,50	3	1.50	\$1.67	\$3.60	\$5.26	\$1.75
83	State Board assessed parcels (S.B.E.)	0,000	0,500	0,00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
84	Utilities	1,000	0,500	0,50	4	2.00	\$2.22	\$4.80	\$7.02	\$1.75
85	Parking facilities	1,000	1,000	1,00	143	143.00	\$79.51	\$314.87	\$394.38	\$2.76
Subtotal					289	216.00	\$160.68	\$489.90	\$650.58	
County Total					159,829	245,922	\$88,862.26	\$524,636.73	\$613,498.99	

The Board of Directors voted to reduce the Benefit Factor for Orchards to 1.00 Benefit Factors

65	Orchards (10 - 40 acres)	6,000	1,000	6.00	2	12.00	\$1.11	\$24.46	\$25.58
66	Orchards (40 + acres)	8,000	1,000	8.00	0	0.00	\$0.00	\$0.00	\$0.00

*CONTRA COSTA COUNTY - Mosquito Assessment
Summary Information for Zone "EC"
(East County)*

County		Benefit	Benefit	Assmt.	Total No.	Total of	FY 2016-17	FY 2016-17	FY 2016-17	FY 2016-17
Use Code	County Use Code Description	Units	Factor	Units	of Parcels	Assmt. Units	County Admin. Charge	O&M Revenue	Generated Revenue	Assmt. Per Parcel
<i>Single Family Residential</i>										
1	Unassigned Single Family Residential Parcels									
10	Vacant unbuildable residential	1.000	1.000	1.00	203	203.00	\$380.20	\$1,144.50	\$1,524.70	\$7.51
11	Single family residence	1.000	1.500	1.50	27,859	41,788.50	\$52,177.80	\$226,412.53	\$278,590.33	\$10.00
12	Single family residence on two or more lots	1.000	1.500	1.50	104	156.00	\$194.78	\$845.22	\$1,040.00	\$10.00
13	Two single family residence on one lot	2.000	1.500	3.00	221	663.00	\$413.92	\$3,446.41	\$3,860.33	\$17.47
14	Single family residence on other than single family land	1.000	1.500	1.50	173	259.50	\$324.02	\$1,405.99	\$1,730.00	\$10.00
15	Miscellaneous residential improvements on one site	1.000	1.500	1.50	636	954.00	\$1,191.18	\$5,168.83	\$6,360.01	\$10.00
16	Single family attached residence, townhouses, duets	0.750	1.500	1.13	328	369.00	\$614.32	\$2,053.35	\$2,667.67	\$8.13
17	Vacant residential property	1.000	1.000	1.00	2,820	2,820.00	\$5,281.65	\$15,898.90	\$21,180.55	\$7.51
18	Vacant residential property	1.000	1.000	1.00	42	42.00	\$78.66	\$236.79	\$315.45	\$7.51
19	Single family residential detached with common area	1.000	1.500	1.50	6,116	9,174.00	\$11,454.80	\$49,705.27	\$61,160.07	\$10.00
Subtotal					38,502	56,429.00	\$72,111.33	\$306,317.78	\$378,429.11	
<i>Multi-Family Residential</i>										
2	Undefined									
20	Vacant multiple property	4.000	1.000	4.00	13	52.00	\$24.35	\$267.45	\$291.80	\$22.45
21	Duplex (residential)	2.000	1.000	2.00	32	64.00	\$59.93	\$339.72	\$399.65	\$12.49
22	Triplex (residential)	2.000	1.000	2.00	5	10.00	\$9.36	\$53.08	\$62.45	\$12.49
23	Four-plex (residential)	2.000	1.000	2.00	13	26.00	\$24.35	\$138.01	\$162.36	\$12.49
24	Combination single plus double residential	2.000	1.000	2.00	18	36.00	\$33.71	\$191.09	\$224.81	\$12.49
25	5 - 12 multiple residential units	3.000	1.000	3.00	10	30.00	\$18.73	\$155.95	\$174.68	\$17.47
26	13 - 24 residential unit	4.000	1.000	4.00	3	12.00	\$5.62	\$61.72	\$67.34	\$22.45
27	25 - 59 multiple residential units	5.000	1.000	5.00	13	65.00	\$24.35	\$332.17	\$356.52	\$27.42
28	60+ multiple residential units	6.000	1.000	6.00	11	66.00	\$20.60	\$335.83	\$356.43	\$32.40
29	Cluster homes, Co-ops, Condos	0.750	1.500	1.13	413	464.63	\$773.52	\$2,585.46	\$3,358.98	\$8.13
Subtotal					531	825.63	\$994.52	\$4,460.48	\$5,455.00	
<i>Commercial</i>										
3	Undefined									
30	Vacant commercial property	4.000	1.000	4.00	214	856.00	\$400.81	\$4,402.62	\$4,803.42	\$22.45
31	Commercial stores (not supermarket)	4.000	0.500	2.00	126	252.00	\$235.99	\$1,337.65	\$1,573.64	\$12.49
32	Small grocery stores	4.000	0.500	2.00	10	20.00	\$18.73	\$106.16	\$124.89	\$12.49
33	Office buildings	4.000	0.500	2.00	61	122.00	\$114.25	\$647.59	\$761.84	\$12.49
34	Medical-dental offices	4.000	0.500	2.00	14	28.00	\$26.22	\$148.63	\$174.85	\$12.49
35	Service stations, car washes/bulk plants	4.000	1.000	4.00	25	100.00	\$46.82	\$514.32	\$561.15	\$22.45
36	Garages	4.000	1.000	4.00	48	192.00	\$89.90	\$987.50	\$1,077.40	\$22.45
37	Community facilities, recreational, etc.	6.000	1.500	9.00	6	54.00	\$11.24	\$272.79	\$284.03	\$47.34
38	Golf Courses	8.000	1.500	12.00	54	648.00	\$101.14	\$3,261.59	\$3,362.73	\$62.27
39	Bowling Alleys	4.000	1.000	4.00	1	4.00	\$1.87	\$20.57	\$22.45	\$22.45
Subtotal					559	2,276.00	\$1,046.96	\$11,699.43	\$12,746.40	
<i>Improved Commercial</i>										
4	Undefined									
40	Boat harbors	4.000	1.500	6.00	161	966.00	\$301.54	\$4,915.28	\$5,216.82	\$32.40
41	Supermarkets (not in shopping centers)	4.000	0.500	2.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
42	Shopping centers	6.000	1.000	6.00	76	456.00	\$142.34	\$2,320.26	\$2,462.60	\$32.40
43	Financial office buildings	4.000	0.500	2.00	5	10.00	\$9.36	\$53.08	\$62.45	\$12.49
44	Hotels, motels, mobile homes	4.000	1.000	4.00	30	120.00	\$56.19	\$617.19	\$673.38	\$22.45
45	Theaters	4.000	1.000	4.00	1	4.00	\$1.87	\$20.57	\$22.45	\$22.45
46	Drive-in restaurants	4.000	1.000	4.00	15	60.00	\$28.09	\$308.59	\$336.69	\$22.45
47	Restaurants	4.000	1.000	4.00	16	64.00	\$29.97	\$329.17	\$359.13	\$22.45
48	Mixed multiple/commercial	4.000	1.000	4.00	27	108.00	\$50.57	\$555.47	\$606.04	\$22.45
49	New car agencies	4.000	1.000	4.00	4	16.00	\$7.49	\$82.29	\$89.78	\$22.45
Subtotal					335	1,804.00	\$627.43	\$9,201.91	\$9,829.34	

*CONTRA COSTA COUNTY - Mosquito Assessment
Summary Information for Zone "EC"
(East County)*

County		Benefit	Benefit	Assmt.	Total No.	Total of	FY 2016-17	FY 2016-17	FY 2016-17	FY 2016-17
<u>Use Code</u>	<u>County Use Code Description</u>	<u>Units</u>	<u>Factor</u>	<u>Units</u>	<u>of Parcels</u>	<u>Assmt. Units</u>	<u>County Admin. Charge</u>	<u>O&M Revenue</u>	<u>Generated Revenue</u>	<u>Assmt. Per Parcel</u>
<i>Industrial</i>										
5	Undefined									
50	Vacant industrial land	4,000	1,000	4.00	36	144.00	\$67.43	\$740.63	\$808.05	\$22.45
51	Industrial park	6,000	1,000	6.00	21	126.00	\$39.33	\$641.12	\$680.46	\$32.40
52	Research & development	4,000	1,000	4.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
53	Light industrial	4,000	1,000	4.00	27	108.00	\$50.57	\$555.47	\$606.04	\$22.45
54	Heavy industrial	8,000	1,000	8.00	2	16.00	\$3.75	\$80.97	\$84.72	\$42.36
55	Warehouse	4,000	0.500	2.00	10	20.00	\$18.73	\$106.16	\$124.89	\$12.49
56	Misc. improvements industrial	4,000	0.500	2.00	10	20.00	\$18.73	\$106.16	\$124.89	\$12.49
59	Unassigned (Pipeline R/W)	4,000	0.500	2.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
Subtotal					106	434.00	\$198.53	\$2,230.52	\$2,429.05	
<i>Rural Properties - Agricultural</i>										
6	Undefined									
61	Rural residential	2,000	1,500	3.00	627	1,881.00	\$1,174.32	\$9,777.83	\$10,952.15	\$17.47
62	Rural, with or without structures	2,000	1,500	3.00	359	1,077.00	\$672.38	\$5,598.47	\$6,270.85	\$17.47
63	Urban acreage (10 - 40 acres)	6,000	1,500	9.00	72	648.00	\$134.85	\$3,273.46	\$3,408.31	\$47.34
64	Urban acreage (40 + acres)	8,000	1,500	12.00	24	288.00	\$44.95	\$1,449.60	\$1,494.55	\$62.27
65	Orchards (10 - 40 acres)	6,000	1,000	6.00	413	2,478.00	\$773.52	\$12,608.77	\$13,382.28	\$32.40
66	Orchards (40 + acres)	8,000	1,000	8.00	136	1,088.00	\$254.72	\$5,506.15	\$5,760.87	\$42.36
67	Dry farming, grazing (10 - 40 acres)	6,000	1,500	9.00	117	1,053.00	\$219.13	\$5,319.38	\$5,538.51	\$47.34
68	Dry farming, grazing (40 + acres)	8,000	1,500	12.00	108	1,296.00	\$202.28	\$6,523.18	\$6,725.46	\$62.27
69	Agric pres - Williamson Act parcels < 10.00 Ac	2,000	1,500	3.00	8	24.00	\$14.98	\$124.76	\$139.74	\$17.47
69	Agric pres - Williamson Act parcels 10.00 - 40.00 Ac	6,000	1,500	9.00	46	414.00	\$86.15	\$2,091.38	\$2,177.53	\$47.34
69	Agric pres - Williamson Act parcels > 40.00 Ac	8,000	1,500	12.00	81	972.00	\$151.71	\$4,892.39	\$5,044.09	\$62.27
Subtotal					1,991	11,219.00	\$3,728.99	\$57,165.36	\$60,894.35	
<i>Institutional</i>										
7	Undefined									
70	Convalescent hospitals & rest homes	4,000	1,500	6.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
71	Churches	4,000	1,500	6.00	44	264.00	\$82.41	\$1,343.31	\$1,425.72	\$32.40
72	Schools	6,000	1,500	9.00	9	81.00	\$16.86	\$409.18	\$426.04	\$47.34
73	Hospitals	6,000	1,500	9.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
74	Cemeteries, Mortuaries	6,000	1,500	9.00	1	9.00	\$1.87	\$45.46	\$47.34	\$47.34
75	Fraternal & service organizations	4,000	1,500	6.00	9	54.00	\$16.86	\$274.77	\$291.62	\$32.40
76	Retirement housing complex (may be treated as multiple)	6,000	1,500	9.00	5	45.00	\$9.36	\$227.32	\$236.69	\$47.34
77	Cultural uses (libraries)	4,000	1,500	6.00	2	12.00	\$3.75	\$61.06	\$64.81	\$32.40
78	Parks & playground	6,000	1,500	9.00	1	9.00	\$1.87	\$45.46	\$47.34	N/A
79	Government - owned buildings	0,000	0,000	0.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
Subtotal					71	474.00	\$132.98	\$2,406.57	\$2,539.55	
<i>Miscellaneous Properties</i>										
80	Mineral rights	0,000	0,000	0.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
81	Private roads	1,000	0,500	0,50	57	28.50	\$106.76	\$179.48	\$286.23	\$5.02
82	Pipelines	1,000	0,500	0,50	3	1.50	\$5.62	\$9.45	\$15.06	\$5.02
83	State Board assessed parcels (S.B.E.)	0,000	0,500	0,00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
84	Utilities	1,000	0,500	0,50	5	2.50	\$9.36	\$15.74	\$25.11	\$5.02
85	Parking facilities	1,000	1,000	1.00	20	20.00	\$37.46	\$112.76	\$150.22	\$7.51
Subtotal					85	52.50	\$159.20	\$317.43	\$476.62	
County Total					42,180	73,514	\$78,999.95	\$393,799.47	\$472,799.41	

The Board of Directors voted to reduce the Benefit Factor for Orchards to 1.00 Benefit Factors

65	Orchards (10 - 40 acres)	6,000	1,000	6.00	413	2,478.00	\$773.52	\$12,608.77	\$13,382.28
66	Orchards (40 + acres)	8,000	1,000	8.00	136	1,088.00	\$254.72	\$5,506.15	\$5,760.87

*CONTRA COSTA COUNTY - Mosquito Assessment
Summary Information
(Entire County)*

County		Assmt. per Parcel	Assmt. per Parcel	Assmt. per Parcel	Assmt. per Parcel
Use Code	County Use Code Description	WA Zone	WC Zone	CC Zone	EC Zone
<i>Single Family Residential</i>					
10	Vacant unbuildable residential	\$3.18	\$1.06	\$2.76	\$7.51
11	Single family residence	\$4.32	\$1.44	\$3.76	\$10.00
12	Single family residence on two or more lots	\$4.32	\$1.44	\$3.76	\$10.00
13	Two single family residence on one lot	\$7.74	\$2.57	\$6.77	\$17.47
14	Single family residence on other than single family land	\$4.32	\$1.44	\$3.76	\$10.00
15	Miscellaneous residential improvements on one site	\$4.32	\$1.44	\$3.76	\$10.00
16	Single family attached residence, townhouses, duets	\$3.46	\$1.15	\$3.01	\$8.13
17	Vacant residential property	\$3.18	\$1.06	\$2.76	\$7.51
18	Vacant residential property	\$3.18	\$1.06	\$2.76	\$7.51
19	Single family residential detached with common area	\$4.32	\$1.44	\$3.76	\$10.00
<i>Multi-Family Residential</i>					
20	Vacant multiple property	\$10.01	\$3.33	\$8.78	\$22.45
21	Duplex (residential)	\$5.46	\$1.82	\$4.76	\$12.49
22	Triplex (residential)	\$5.46	\$1.82	\$4.76	\$12.49
23	Four-plex (residential)	\$5.46	\$1.82	\$4.76	\$12.49
24	Combination single plus double residential	\$5.46	\$1.82	\$4.76	\$12.49
25	5 - 12 multiple residential units	\$7.74	\$2.57	\$6.77	\$17.47
26	13 - 24 residential unit	\$10.01	\$3.33	\$8.78	\$22.45
27	25 - 59 multiple residential units	\$12.29	\$4.09	\$10.78	\$27.42
28	60+ multiple residential units	\$14.57	\$4.85	\$12.79	\$32.40
29	Cluster homes, Co-ops, Condos	\$3.46	\$1.15	\$3.01	\$8.13
<i>Commercial</i>					
30	Vacant commercial property	\$10.01	\$3.33	\$8.78	\$22.45
31	Commercial stores (not supermarket)	\$5.46	\$1.82	\$4.76	\$12.49
32	Small grocery stores	\$5.46	\$1.82	\$4.76	\$12.49
33	Office buildings	\$5.46	\$1.82	\$4.76	\$12.49
34	Medical-dental offices	\$5.46	\$1.82	\$4.76	\$12.49
35	Service stations, car washes/bulk plants	\$10.01	\$3.33	\$8.78	\$22.45
36	Garages	\$10.01	\$3.33	\$8.78	\$22.45
37	Community facilities, recreational, etc.	\$21.41	\$7.13	\$18.81	\$47.34
38	Golf Courses	\$28.24	\$9.40	\$24.83	\$62.27
39	Bowling Alleys	\$10.01	\$3.33	\$8.78	\$22.45
<i>Improved Commercial</i>					
40	Boat harbors	\$14.57	\$4.85	N/A	\$32.40
41	Supermarkets (not in shopping centers)	\$5.46	\$1.82	\$4.76	N/A
42	Shopping centers	\$14.57	\$4.85	\$12.79	\$32.40
43	Financial office buildings	\$5.46	\$1.82	\$4.76	\$12.49
44	Hotels, motels, mobile homes	\$10.01	\$3.33	\$8.78	\$22.45
45	Theaters	\$10.01	\$3.33	\$8.78	\$22.45
46	Drive-in restaurants	\$10.01	\$3.33	\$8.78	\$22.45
47	Restaurants	\$10.01	\$3.33	\$8.78	\$22.45
48	Mixed multiple/commercial	\$10.01	\$3.33	\$8.78	\$22.45
49	New car agencies	\$10.01	\$3.33	\$8.78	\$22.45
<i>Industrial</i>					
50	Vacant industrial land	\$10.01	\$3.33	\$8.78	\$22.45
51	Industrial park	\$14.57	\$4.85	\$12.79	\$32.40
52	Research & development	\$10.01	\$3.33	\$8.78	N/A
53	Light industrial	\$10.01	\$3.33	\$8.78	\$22.45
54	Heavy industrial	\$19.13	\$6.37	\$16.80	\$42.36
55	Warehouse	\$5.46	\$1.82	\$4.76	\$12.49
56	Misc. improvements industrial	\$5.46	\$1.82	\$4.76	\$12.49
59	Unassigned (Pipeline R/W)	N/A	N/A	N/A	N/A

*CONTRA COSTA COUNTY - Mosquito Assessment
Summary Information
(Entire County)*

County		Assmt. per Parcel	Assmt. per Parcel	Assmt. per Parcel	Assmt. per Parcel
<u>Use Code</u>	<u>County Use Code Description</u>	<u>WA Zone</u>	<u>WC Zone</u>	<u>CC Zone</u>	<u>EC Zone</u>
<i>Rural Properties - Agricultural</i>					
61	Rural residential	\$7.74	\$2.57	\$6.77	\$17.47
62	Rural, with or without structures	\$7.74	\$2.57	\$6.77	\$17.47
63	Urban acreage (10 - 40 acres)	\$21.41	\$7.13	\$18.81	\$47.34
64	Urban acreage (40 + acres)	\$28.24	\$9.40	\$24.83	\$62.27
65	Orchards (10 - 40 acres)	\$14.57	N/A	\$12.79	\$32.40
66	Orchards (40 + acres)	N/A	N/A	N/A	\$42.36
67	Dry farming, grazing (10 - 40 acres)	\$21.41	\$7.13	\$18.81	\$47.34
68	Dry farming, grazing (40 + acres)	\$28.24	\$9.40	\$24.83	\$62.27
69	Agric pres - Williamson Act parcels < 10.00 Ac	\$7.74	\$2.57	\$6.77	\$17.47
69	Agric pres - Williamson Act parcels 10.00 - 40.00 Ac	\$21.41	N/A	\$18.81	\$47.34
69	Agric pres - Williamson Act parcels > 40.00 Ac	\$28.24	\$9.40	\$24.83	\$62.27
<i>Institutional</i>					
70	Convalescent hospitals & rest homes	\$14.57	\$4.85	\$12.79	N/A
71	Churches	\$14.57	\$4.85	\$12.79	\$32.40
72	Schools	\$21.41	\$7.13	\$18.81	\$47.34
73	Hospitals	\$21.41	\$7.13	\$18.81	N/A
74	Cemeteries, Mortuaries	\$21.41	\$7.13	\$18.81	\$47.34
75	Fraternal & service organizations	\$14.57	\$4.85	\$12.79	\$32.40
76	Retirement housing complex (may be treated as multiple)	\$21.41	\$7.13	\$18.81	\$47.34
77	Cultural uses (libraries)	\$14.57	\$4.85	\$12.79	\$32.40
78	Parks & playground	\$21.41	\$7.13	\$18.81	N/A
79	Government - owned buildings	N/A	N/A	N/A	N/A
<i>Miscellaneous Properties</i>					
80	Mineral rights	N/A	N/A	N/A	N/A
81	Private roads	\$2.04	\$0.68	\$1.75	\$5.02
82	Pipelines	\$2.04	\$0.68	\$1.75	\$5.02
83	State Board assessed parcels (S.B.E.)	N/A	N/A	N/A	N/A
84	Utilities	\$2.04	N/A	\$1.75	\$5.02
85	Parking facilities	\$3.18	\$1.06	\$2.76	\$7.51
86	Municipal property	N/A	N/A	N/A	N/A
87	Common area parcels (parcels with structural value assessed)	N/A	N/A	N/A	N/A
88	Mobile Homes	N/A	N/A	N/A	N/A
89	Split parcels in different tax code areas	N/A	N/A	N/A	N/A
99	Exempt Assignment	N/A	N/A	N/A	N/A

*CONTRA COSTA COUNTY - Rodent Assessment
Summary Information for Zone "WA"*

(Waterfront Area)

County		Benefit	Benefit	Assmt.	Total No.	Total of	FY 2016-17	FY 2016-17	FY 2016-17	FY 2016-17
<u>Use Code</u>	<u>County Use Code Description</u>	<u>Units</u>	<u>Factor</u>	<u>Units</u>	<u>of Parcels</u>	<u>Assmt.Units</u>	<u>County Admin. Charge</u>	<u>O&M Revenue</u>	<u>Generated Revenue</u>	<u>Assmt. Per Parcel</u>
<i>Single Family Residential</i>										
1	Unassigned Single Family Residential Parcels									
10	Vacant unbuildable residential	1,000	1,000	1.00	343	343.00	\$55.29	\$203.03	\$258.33	\$0.75
11	Single family residence	1,000	1,500	1.50	53,867	80,800.50	\$8,683.69	\$46,299.36	\$54,983.05	\$1.02
12	Single family residence on two or more lots	1,000	1,500	1.50	158	237.00	\$25.47	\$135.80	\$161.27	\$1.02
13	Two single family residence on one lot	2,000	1,500	3.00	599	1,797.00	\$96.56	\$995.69	\$1,092.25	\$1.82
14	Single family residence on other than single family land	1,000	1,500	1.50	2,507	3,760.50	\$404.14	\$2,154.80	\$2,558.94	\$1.02
15	Miscellaneous residential improvements on one site	1,000	1,500	1.50	56	84.00	\$9.03	\$48.13	\$57.16	\$1.02
16	Single family attached residence, townhouses, duets	0.750	1,500	1.13	3,365	3,785.63	\$542.46	\$2,216.95	\$2,759.41	\$0.82
17	Vacant residential property	1,000	1,000	1.00	1,550	1,550.00	\$249.87	\$917.49	\$1,167.36	\$0.75
18	Vacant residential property	1,000	1,000	1.00	94	94.00	\$15.15	\$55.64	\$70.79	\$0.75
19	Single family residential detached with common area	1,000	1,500	1.50	3,567	5,350.50	\$575.02	\$3,065.88	\$3,640.90	\$1.02
Subtotal					66,106	97,802.13	\$10,656.69	\$56,092.79	\$66,749.48	
<i>Multi-Family Residential</i>										
2	Undefined									
20	Vacant multiple property	4,000	1,000	4.00	105	420.00	\$16.93	\$230.73	\$247.66	\$2.36
21	Duplex (residential)	2,000	1,500	3.00	844	2,532.00	\$136.06	\$1,402.94	\$1,539.00	\$1.82
22	Triplex (residential)	2,000	1,500	3.00	90	270.00	\$14.51	\$149.60	\$164.11	\$1.82
23	Four-plex (residential)	2,000	1,500	3.00	285	855.00	\$45.94	\$473.74	\$519.69	\$1.82
24	Combination single plus double residential	2,000	1,500	3.00	182	546.00	\$29.34	\$302.53	\$331.87	\$1.82
25	5 - 12 multiple residential units	3,000	1,500	4.50	163	733.50	\$26.28	\$401.80	\$428.07	\$2.63
26	13 - 24 residential unit	4,000	1,500	6.00	43	258.00	\$6.93	\$140.51	\$147.44	\$3.43
27	25 - 59 multiple residential units	5,000	1,500	7.50	30	225.00	\$4.84	\$122.11	\$126.95	\$4.23
28	60+ multiple residential units	6,000	1,500	9.00	59	531.00	\$9.51	\$287.52	\$297.03	\$5.03
29	Cluster homes, Co-ops, Condos	0.750	1,500	1.13	2,663	2,995.88	\$429.29	\$1,754.46	\$2,183.75	\$0.82
Subtotal					4,464	9,366.38	\$719.62	\$5,265.95	\$5,985.57	
<i>Commercial</i>										
3	Undefined									
30	Vacant commercial property	4,000	1,000	4.00	207	828.00	\$33.37	\$454.87	\$488.24	\$2.36
31	Commercial stores (not supermarket)	4,000	0.500	2.00	408	816.00	\$65.77	\$459.85	\$525.63	\$1.29
32	Small grocery stores	4,000	1,500	6.00	22	132.00	\$3.55	\$71.89	\$75.44	\$3.43
33	Office buildings	4,000	0.500	2.00	185	370.00	\$29.82	\$208.51	\$238.34	\$1.29
34	Medical-dental offices	4,000	0.500	2.00	58	116.00	\$9.35	\$65.37	\$74.72	\$1.29
35	Service stations, car washes/bulk plants	4,000	1,000	4.00	74	296.00	\$11.93	\$162.61	\$174.54	\$2.36
36	Garages	4,000	1,500	6.00	107	642.00	\$17.25	\$349.65	\$366.90	\$3.43
37	Community facilities, recreational, etc.	6,000	1,500	9.00	13	117.00	\$2.10	\$63.35	\$65.45	\$5.03
38	Golf Courses	8,000	1,500	12.00	2	24.00	\$0.32	\$12.96	\$13.28	\$6.64
39	Bowling Alleys	4,000	1,500	6.00	1	6.00	\$0.16	\$3.27	\$3.43	\$3.43
Subtotal					1,077	3,347.00	\$173.62	\$1,852.33	\$2,025.95	
<i>Improved Commercial</i>										
4	Undefined									
40	Boat harbors	4,000	1,500	6.00	11	66.00	\$1.77	\$35.95	\$37.72	\$3.43
41	Supermarkets (not in shopping centers)	4,000	1,500	6.00	11	66.00	\$1.77	\$35.95	\$37.72	\$3.43
42	Shopping centers	6,000	0.500	3.00	138	414.00	\$22.25	\$229.39	\$251.64	\$1.82
43	Financial office buildings	4,000	0.500	2.00	18	36.00	\$2.90	\$20.29	\$23.19	\$1.29
44	Hotels, motels, mobile homes	4,000	1,500	6.00	36	216.00	\$5.80	\$117.64	\$123.44	\$3.43
45	Theaters	4,000	1,500	6.00	4	24.00	\$0.64	\$13.07	\$13.72	\$3.43
46	Drive-in restaurants	4,000	1,500	6.00	49	294.00	\$7.90	\$160.12	\$168.02	\$3.43
47	Restaurants	4,000	1,500	6.00	33	198.00	\$5.32	\$107.84	\$113.16	\$3.43
48	Mixed multiple/commercial	4,000	0.500	2.00	50	100.00	\$8.06	\$56.35	\$64.41	\$1.29
49	New car agencies	4,000	1,500	6.00	20	120.00	\$3.22	\$65.35	\$68.58	\$3.43
Subtotal					370	1,534.00	\$59.65	\$841.94	\$901.59	

*CONTRA COSTA COUNTY - Rodent Assessment
Summary Information for Zone "WA"*

(Waterfront Area)

County		Benefit	Benefit	Assmt.	Total No.	Total of	FY 2016-17	FY 2016-17	FY 2016-17	FY 2016-17
<u>Use Code</u>	<u>County Use Code Description</u>	<u>Units</u>	<u>Factor</u>	<u>Units</u>	<u>of Parcels</u>	<u>Assmt.Units</u>	<u>County Admin. Charge</u>	<u>O&M Revenue</u>	<u>Generated Revenue</u>	<u>Assmt. Per Parcel</u>
<i>Industrial</i>										
5	Undefined									
50	Vacant industrial land	4,000	1,000	4.00	227	908.00	\$36.59	\$498.81	\$535.41	\$2.36
51	Industrial park	6,000	1,000	6.00	116	696.00	\$18.70	\$379.06	\$397.76	\$3.43
52	Research & development	4,000	1,000	4.00	2	8.00	\$0.32	\$4.39	\$4.72	\$2.36
53	Light industrial	4,000	1,000	4.00	178	712.00	\$28.69	\$391.14	\$419.84	\$2.36
54	Heavy industrial	8,000	1,000	8.00	89	712.00	\$14.35	\$386.09	\$400.44	\$4.50
55	Warehouse	4,000	1,500	6.00	22	132.00	\$3.55	\$71.89	\$75.44	\$3.43
56	Misc. improvements industrial	4,000	1,000	4.00	56	224.00	\$9.03	\$123.06	\$132.08	\$2.36
59	Unassigned (Pipeline R/W)	4,000	1,000	4.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
	Subtotal				690	3,392.00	\$111.23	\$1,854.44	\$1,965.67	
<i>Rural Properties - Agricultural</i>										
6	Undefined									
61	Rural residential	2,000	1,500	3.00	104	312.00	\$16.77	\$172.87	\$189.64	\$1.82
62	Rural, with or without structures	2,000	1,500	3.00	97	291.00	\$15.64	\$161.24	\$176.88	\$1.82
63	Urban acreage (10 - 40 acres)	6,000	1,500	9.00	68	612.00	\$10.96	\$331.38	\$342.34	\$5.03
64	Urban acreage (40 + acres)	8,000	1,500	12.00	28	336.00	\$4.51	\$181.40	\$185.92	\$6.64
65	Orchards (10 - 40 acres)	6,000	1,500	9.00	3	27.00	\$0.48	\$14.62	\$15.10	\$5.03
66	Orchards (40 + acres)	8,000	1,500	12.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
67	Dry farming, grazing (10 - 40 acres)	6,000	1,500	9.00	49	441.00	\$7.90	\$238.79	\$246.69	\$5.03
68	Dry farming, grazing (40 + acres)	8,000	1,500	12.00	58	696.00	\$9.35	\$375.77	\$385.12	\$6.64
69	Agric pres - Williamson Act parcels < 10.00 Ac	2,000	1,500	3.00	10	30.00	\$1.61	\$16.62	\$18.23	\$1.82
69	Agric pres - Williamson Act parcels 10.00 - 40.00 Ac	6,000	1,500	9.00	33	297.00	\$5.32	\$160.82	\$166.14	\$5.03
69	Agric pres - Williamson Act parcels > 40.00 Ac	8,000	1,500	12.00	58	696.00	\$9.35	\$375.77	\$385.12	\$6.64
	Subtotal				508	3,738.00	\$81.89	\$2,029.28	\$2,111.17	
<i>Institutional</i>										
7	Undefined									
70	Convalescent hospitals & rest homes	4,000	1,500	6.00	9	54.00	\$1.45	\$29.41	\$30.86	\$3.43
71	Churches	4,000	1,500	6.00	147	882.00	\$23.70	\$480.36	\$504.06	\$3.43
72	Schools	6,000	1,500	9.00	29	261.00	\$4.67	\$141.32	\$146.00	\$5.03
73	Hospitals	6,000	1,500	9.00	7	63.00	\$1.13	\$34.11	\$35.24	\$5.03
74	Cemeteries, Mortuaries	6,000	1,500	9.00	9	81.00	\$1.45	\$43.86	\$45.31	\$5.03
75	Fraternal & service organizations	4,000	1,500	6.00	18	108.00	\$2.90	\$58.82	\$61.72	\$3.43
76	Retirement housing complex (may be treated as multiple)	6,000	1,500	9.00	9	81.00	\$1.45	\$43.86	\$45.31	\$5.03
77	Cultural uses (libraries)	4,000	1,500	6.00	1	6.00	\$0.16	\$3.27	\$3.43	\$3.43
78	Parks & playground	6,000	1,500	9.00	9	81.00	\$1.45	\$43.86	\$45.31	\$5.03
79	Government - owned buildings	0,000	0,000	0,00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
	Subtotal				238	1,617.00	\$38.37	\$878.87	\$917.24	
<i>Miscellaneous Properties</i>										
80	Mineral rights	0,000	0,000	0,00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
81	Private roads	1,000	0,500	0,50	20	10.00	\$3.22	\$6.49	\$9.71	\$0.49
82	Pipelines	1,000	0,500	0,50	24	12.00	\$3.87	\$7.78	\$11.65	\$0.49
83	State Board assessed parcels (S.B.E.)	0,000	0,000	0,00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
84	Utilities	1,000	1,000	1,00	2	2.00	\$0.32	\$1.18	\$1.51	\$0.75
85	Parking facilities	1,000	0,500	0,50	49	24.50	\$7.90	\$15.89	\$23.79	\$0.49
	Subtotal				95	48.50	\$15.31	\$31.35	\$46.66	
County Total					73,548	120,845.00	\$11,856.39	\$68,846.94	\$80,703.33	

*CONTRA COSTA COUNTY - Rodent Assessment
Summary Information for Zone "WC"
(West County)*

County		Benefit	Benefit	Assmt.	Total No.	Total of	FY 2016-17	FY 2016-17	FY 2016-17	FY 2016-17
<u>Use Code</u>	<u>County Use Code Description</u>	<u>Units</u>	<u>Factor</u>	<u>Units</u>	<u>of Parcels</u>	<u>Assmt. Units</u>	<u>County Admin. Charge</u>	<u>O&M Revenue</u>	<u>Generated Revenue</u>	<u>Assmt. Per Parcel</u>
<i>Single Family Residential</i>										
1	Unassigned Single Family Residential Parcels									
10	Vacant unbuildable residential	1,000	1,000	1.00	423	423.00	\$113.33	\$413.46	\$526.79	\$1.25
11	Single family residence	1,000	1,500	1.50	45,774	68,661.00	\$12,263.26	\$64,953.43	\$77,216.69	\$1.69
12	Single family residence on two or more lots	1,000	1,500	1.50	210	315.00	\$56.26	\$297.99	\$354.25	\$1.69
13	Two single family residence on one lot	2,000	1,500	3.00	762	2,286.00	\$204.15	\$2,090.67	\$2,294.82	\$3.01
14	Single family residence on other than single family land	1,000	1,500	1.50	5,546	8,319.00	\$1,485.82	\$7,869.79	\$9,355.61	\$1.69
15	Miscellaneous residential improvements on one site	1,000	1,500	1.50	83	124.50	\$22.24	\$117.78	\$140.01	\$1.69
16	Single family attached residence, townhouses, duets	1,000	0.750	0.75	2,990	2,242.50	\$801.05	\$2,262.45	\$3,063.50	N/A
17	Vacant residential property	1,000	1,000	1.00	1,318	1,318.00	\$353.10	\$1,288.28	\$1,641.38	\$1.25
18	Vacant residential property	1,000	1,000	1.00	82	82.00	\$21.97	\$80.15	\$102.12	\$1.25
19	Single family residential detached with common area	1,000	1,500	1.50	5,576	8,364.00	\$1,493.86	\$7,912.36	\$9,406.22	\$1.69
Subtotal					62,764	92,135.00	\$16,815.03	\$87,286.36	\$104,101.39	
<i>Multi-Family Residential</i>										
2	Undefined									
20	Vacant multiple property	4,000	1,000	4.00	105	420.00	\$28.13	\$380.81	\$408.94	\$3.89
21	Duplex (residential)	2,000	1,500	3.00	1,624	4,872.00	\$435.08	\$4,455.71	\$4,890.79	\$3.01
22	Triplex (residential)	2,000	1,500	3.00	333	999.00	\$89.21	\$913.64	\$1,002.85	\$3.01
23	Four-plex (residential)	2,000	1,500	3.00	972	2,916.00	\$260.41	\$2,666.84	\$2,927.25	\$3.01
24	Combination single plus double residential	2,000	1,500	3.00	162	486.00	\$43.40	\$444.47	\$487.87	\$3.01
25	5 - 12 multiple residential units	3,000	1,500	4.50	501	2,254.50	\$134.22	\$2,038.23	\$2,172.45	\$4.34
26	13 - 24 residential unit	4,000	1,500	6.00	71	426.00	\$19.02	\$382.90	\$401.92	\$5.66
27	25 - 59 multiple residential units	5,000	1,500	7.50	59	442.50	\$15.81	\$396.34	\$412.15	\$6.99
28	60+ multiple residential units	6,000	1,500	9.00	48	432.00	\$12.86	\$386.03	\$398.89	\$8.31
29	Cluster homes, Co-ops, Condos	0.750	1,500	1.13	6,398	7,197.75	\$1,714.08	\$6,959.99	\$8,674.07	\$1.36
Subtotal					10,273	20,445.75	\$2,752.23	\$19,024.96	\$21,777.18	
<i>Commercial</i>										
3	Undefined									
30	Vacant commercial property	4,000	1,000	4.00	287	1,148.00	\$76.89	\$1,040.88	\$1,117.77	\$3.89
31	Commercial stores (not supermarket)	4,000	0.500	2.00	714	1,428.00	\$191.29	\$1,328.44	\$1,519.72	\$2.13
32	Small grocery stores	4,000	1,500	6.00	15	90.00	\$4.02	\$80.89	\$84.91	\$5.66
33	Office buildings	4,000	0.500	2.00	234	468.00	\$62.69	\$435.37	\$498.06	\$2.13
34	Medical-dental offices	4,000	0.500	2.00	74	148.00	\$19.83	\$137.68	\$157.51	\$2.13
35	Service stations, car washes/bulk plants	4,000	1,000	4.00	80	320.00	\$21.43	\$290.14	\$311.57	\$3.89
36	Garages	4,000	1,500	6.00	171	1,026.00	\$45.81	\$922.20	\$968.01	\$5.66
37	Community facilities, recreational, etc.	6,000	1,500	9.00	12	108.00	\$3.21	\$96.51	\$99.72	\$8.31
38	Golf Courses	8,000	1,500	12.00	5	60.00	\$1.34	\$53.46	\$54.80	\$10.96
39	Bowling Alleys	4,000	1,500	6.00	1	6.00	\$0.27	\$5.39	\$5.66	\$5.66
Subtotal					1,593	4,802.00	\$426.78	\$4,390.96	\$4,817.74	
<i>Improved Commercial</i>										
4	Undefined									
40	Boat harbors	4,000	1,500	6.00	18	108.00	\$4.82	\$97.07	\$101.90	\$5.66
41	Supermarkets (not in shopping centers)	4,000	1,500	6.00	6	36.00	\$1.61	\$32.36	\$33.97	\$5.66
42	Shopping centers	6,000	0.500	3.00	121	363.00	\$32.42	\$331.98	\$364.40	\$3.01
43	Financial office buildings	4,000	0.500	2.00	20	40.00	\$5.36	\$37.21	\$42.57	\$2.13
44	Hotels, motels, mobile homes	4,000	1,500	6.00	50	300.00	\$13.40	\$269.65	\$283.04	\$5.66
45	Theaters	4,000	1,500	6.00	2	12.00	\$0.54	\$10.79	\$11.32	\$5.66
46	Drive-in restaurants	4,000	1,500	6.00	62	372.00	\$16.61	\$334.36	\$350.97	\$5.66
47	Restaurants	4,000	1,500	6.00	43	258.00	\$11.52	\$231.90	\$243.42	\$5.66
48	Mixed multiple/commercial	4,000	0.500	2.00	79	158.00	\$21.16	\$146.98	\$168.15	\$2.13
49	New car agencies	4,000	1,500	6.00	28	168.00	\$7.50	\$151.00	\$158.50	\$5.66
Subtotal					429	1,815.00	\$114.93	\$1,643.31	\$1,758.24	

*CONTRA COSTA COUNTY - Rodent Assessment
Summary Information for Zone "WC"*

(West County)

County		Benefit	Benefit	Assmt.	Total No.	Total of	FY 2016-17	FY 2016-17	FY 2016-17	FY 2016-17
<u>Use Code</u>	<u>County Use Code Description</u>	<u>Units</u>	<u>Factor</u>	<u>Units</u>	<u>of Parcels</u>	<u>Assmt. Units</u>	<u>County Admin. Charge</u>	<u>O&M Revenue</u>	<u>Generated Revenue</u>	<u>Assmt. Per Parcel</u>
<i>Industrial</i>										
5	Undefined									
50	Vacant industrial land	4,000	1,000	4.00	368	1,472.00	\$98.59	\$1,334.65	\$1,433.24	\$3.89
51	Industrial park	6,000	1,000	6.00	64	384.00	\$17.15	\$345.15	\$362.30	\$5.66
52	Research & development	4,000	1,000	4.00	21	84.00	\$5.63	\$76.16	\$81.79	\$3.89
53	Light industrial	4,000	1,000	4.00	386	1,544.00	\$103.41	\$1,399.93	\$1,503.34	\$3.89
54	Heavy industrial	8,000	1,000	8.00	59	472.00	\$15.81	\$422.39	\$438.20	\$7.43
55	Warehouse	4,000	1,500	6.00	28	168.00	\$7.50	\$151.00	\$158.30	\$5.66
56	Misc. improvements industrial	4,000	1,000	4.00	92	368.00	\$24.65	\$333.66	\$358.31	\$3.89
59	Unassigned (Pipeline R/W)	4,000	1,000	4.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
	Subtotal				1,018	4,492.00	\$272.73	\$4,062.95	\$4,335.68	
<i>Rural Properties - Agricultural</i>										
6	Undefined									
61	Rural residential	2,000	1,500	3.00	3	9.00	\$0.80	\$8.23	\$9.03	\$3.01
62	Rural, with or without structures	2,000	1,500	3.00	13	39.00	\$3.48	\$35.67	\$39.15	\$3.01
63	Urban acreage (10 - 40 acres)	6,000	1,500	9.00	18	162.00	\$4.82	\$144.76	\$149.58	\$8.31
64	Urban acreage (40 + acres)	8,000	1,500	12.00	4	48.00	\$1.07	\$42.77	\$43.84	\$10.96
65	Orchards (10 - 40 acres)	6,000	1,500	9.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
66	Orchards (40 + acres)	8,000	1,500	12.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
67	Dry farming, grazing (10 - 40 acres)	6,000	1,500	9.00	1	9.00	\$0.27	\$8.04	\$8.31	\$8.31
68	Dry farming, grazing (40 + acres)	8,000	1,500	12.00	5	60.00	\$1.34	\$53.46	\$54.80	\$10.96
69	Agric pres - Williamson Act parcels < 10.00 Ac	2,000	1,500	3.00	1	3.00	\$0.27	\$2.74	\$3.01	\$3.01
69	Agric pres - Williamson Act parcels 10.00 - 40.00 Ac	6,000	1,500	9.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
69	Agric pres - Williamson Act parcels > 40.00 Ac	8,000	1,500	12.00	1	12.00	\$0.27	\$10.69	\$10.96	\$10.96
	Subtotal				46	342.00	\$12.32	\$306.36	\$318.69	
<i>Institutional</i>										
7	Undefined									
70	Convalescent hospitals & rest homes	4,000	1,500	6.00	12	72.00	\$3.21	\$64.72	\$67.93	\$5.66
71	Churches	4,000	1,500	6.00	289	1,734.00	\$77.43	\$1,558.57	\$1,636.00	\$5.66
72	Schools	6,000	1,500	9.00	42	378.00	\$11.25	\$337.78	\$349.03	\$8.31
73	Hospitals	6,000	1,500	9.00	6	54.00	\$1.61	\$48.25	\$49.86	\$8.31
74	Cemeteries, Mortuaries	6,000	1,500	9.00	20	180.00	\$5.36	\$160.85	\$166.20	\$8.31
75	Fraternal & service organizations	4,000	1,500	6.00	30	180.00	\$8.04	\$161.79	\$169.83	\$5.66
76	Retirement housing complex (may be treated as multiple)	6,000	1,500	9.00	8	72.00	\$2.14	\$64.34	\$66.48	\$8.31
77	Cultural uses (libraries)	4,000	1,500	6.00	1	6.00	\$0.27	\$5.39	\$5.66	\$5.66
78	Parks & playground	6,000	1,500	9.00	4	36.00	\$1.07	\$32.17	\$33.24	\$8.31
79	Government - owned buildings	0,000	0,000	0.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
	Subtotal				412	2,712.00	\$110.38	\$2,433.85	\$2,544.23	
<i>Miscellaneous Properties</i>										
80	Mineral rights	0,000	0,000	0.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
81	Private roads	1,000	0,500	0,50	49	24.50	\$13.13	\$26.26	\$39.39	\$0.80
82	Pipelines	1,000	0,500	0,50	1	0.50	\$0.27	\$0.54	\$0.80	\$0.80
83	State Board assessed parcels (S.B.E.)	0,000	0,000	0,00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
84	Utilities	1,000	1,000	1,00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
85	Parking facilities	1,000	0,500	0,50	219	109.50	\$58.67	\$117.36	\$176.03	\$0.80
	Subtotal				269	134.50	\$72.07	\$144.16	\$216.22	
County Total					76,804	126,878	\$20,576.47	\$119,292.91	\$139,869.38	

*CONTRA COSTA COUNTY - Rodent Assessment
Summary Information for Zone "CC"*

(Central County)

County		Benefit	Benefit	Assmt.	Total No.	Total of	FY 2016-17	FY 2016-17	FY 2016-17	FY 2016-17
<u>Use Code</u>	<u>County Use Code Description</u>	<u>Units</u>	<u>Factor</u>	<u>Units</u>	<u>of Parcels</u>	<u>Assmt.Units</u>	<u>County Admin. Charge</u>	<u>O&M Revenue</u>	<u>Generated Revenue</u>	<u>Assmt. Per Parcel</u>
<i>Single Family Residential</i>										
1	Unassigned Single Family Residential Parcels									
10	Vacant unbuildable residential	1,000	1,000	1.00	759	759.00	\$110.81	\$433.94	\$544.75	\$0.72
11	Single family residence	1,000	1,500	1.50	87,411	131,116.50	\$12,761.26	\$72,716.58	\$85,477.84	\$0.98
12	Single family residence on two or more lots	1,000	1,500	1.50	595	892.50	\$86.86	\$494.98	\$581.84	\$0.98
13	Two single family residence on one lot	2,000	1,500	3.00	1,153	3,459.00	\$168.33	\$1,859.07	\$2,027.40	\$1.76
14	Single family residence on other than single family land	1,000	1,500	1.50	437	655.50	\$63.80	\$363.54	\$427.34	\$0.98
15	Miscellaneous residential improvements on one site	1,000	1,500	1.50	167	250.50	\$24.38	\$138.93	\$163.31	\$0.98
16	Single family attached residence, townhouses, duets	0,750	1,500	1.13	13,496	15,183.00	\$1,970.30	\$8,593.88	\$10,564.18	\$0.78
17	Vacant residential property	1,000	1,000	1.00	2,258	2,258.00	\$329.65	\$1,290.97	\$1,620.62	\$0.72
18	Vacant residential property	1,000	1,000	1.00	149	149.00	\$21.75	\$85.19	\$106.94	\$0.72
19	Single family residential detached with common area	1,000	1,500	1.50	25,275	37,912.50	\$3,689.93	\$21,026.09	\$24,716.02	\$0.98
Subtotal					131,700	192,635.50	\$19,227.07	\$107,003.16	\$126,230.23	
<i>Multi-Family Residential</i>										
2	Undefined									
20	Vacant multiple property	4,000	1,000	4.00	36	144.00	\$5.26	\$76.78	\$82.03	\$2.28
21	Duplex (residential)	2,000	1,500	3.00	738	2,214.00	\$107.74	\$1,189.93	\$1,297.67	\$1.76
22	Triplex (residential)	2,000	1,500	3.00	73	219.00	\$10.66	\$117.70	\$128.36	\$1.76
23	Four-plex (residential)	2,000	1,500	3.00	345	1,035.00	\$50.37	\$556.27	\$606.64	\$1.76
24	Combination single plus double residential	2,000	1,500	3.00	54	162.00	\$7.88	\$87.07	\$94.95	\$1.76
25	5 - 12 multiple residential units	3,000	1,500	4.50	371	1,669.50	\$54.16	\$887.75	\$941.91	\$2.54
26	13 - 24 residential unit	4,000	1,500	6.00	156	936.00	\$22.77	\$495.04	\$517.82	\$3.32
27	25 - 59 multiple residential units	5,000	1,500	7.50	141	1,057.50	\$20.58	\$557.49	\$578.07	\$4.10
28	60+ multiple residential units	6,000	1,500	9.00	152	1,368.00	\$22.19	\$719.61	\$741.80	\$4.88
29	Cluster homes, Co-ops, Condos	0,750	1,500	1.13	20,464	23,022.00	\$2,987.57	\$13,030.91	\$16,018.48	\$0.78
Subtotal					22,530	31,827.00	\$3,289.19	\$17,718.55	\$21,007.74	
<i>Commercial</i>										
3	Undefined									
30	Vacant commercial property	4,000	1,000	4.00	187	748.00	\$27.30	\$398.81	\$426.11	\$2.28
31	Commercial stores (not supermarket)	4,000	0,500	2.00	693	1,386.00	\$101.17	\$756.79	\$857.97	\$1.24
32	Small grocery stores	4,000	1,500	6.00	25	150.00	\$3.65	\$79.33	\$82.98	\$3.32
33	Office buildings	4,000	0,500	2.00	772	1,544.00	\$112.71	\$843.07	\$955.77	\$1.24
34	Medical-dental offices	4,000	0,500	2.00	193	386.00	\$28.18	\$210.77	\$238.94	\$1.24
35	Service stations, car washes/bulk plants	4,000	1,000	4.00	130	520.00	\$18.98	\$277.25	\$296.23	\$2.28
36	Garages	4,000	1,500	6.00	176	1,056.00	\$25.69	\$558.51	\$584.20	\$3.32
37	Community facilities, recreational, etc.	6,000	1,500	9.00	72	648.00	\$10.51	\$340.87	\$351.38	\$4.88
38	Golf Courses	8,000	1,500	12.00	138	1,656.00	\$20.15	\$868.75	\$888.89	\$6.44
39	Bowling Alleys	4,000	1,500	6.00	3	18.00	\$0.44	\$9.52	\$9.96	\$3.32
Subtotal					2,389	8,112.00	\$348.77	\$4,343.67	\$4,692.44	
<i>Improved Commercial</i>										
4	Undefined									
40	Boat harbors	4,000	1,500	6.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
41	Supermarkets (not in shopping centers)	4,000	1,500	6.00	14	84.00	\$2.04	\$44.43	\$46.47	\$3.32
42	Shopping centers	6,000	0,500	3.00	331	993.00	\$48.32	\$533.70	\$582.02	\$1.76
43	Financial office buildings	4,000	0,500	2.00	53	106.00	\$7.74	\$57.88	\$65.62	\$1.24
44	Hotels, motels, mobile homes	4,000	1,500	6.00	56	336.00	\$8.18	\$177.71	\$185.88	\$3.32
45	Theaters	4,000	1,500	6.00	12	72.00	\$1.75	\$38.08	\$39.83	\$3.32
46	Drive-in restaurants	4,000	1,500	6.00	46	276.00	\$6.72	\$145.97	\$152.69	\$3.32
47	Restaurants	4,000	1,500	6.00	97	582.00	\$14.16	\$307.81	\$321.97	\$3.32
48	Mixed multiple/commercial	4,000	0,500	2.00	54	108.00	\$7.88	\$58.97	\$66.85	\$1.24
49	New car agencies	4,000	1,500	6.00	65	390.00	\$9.49	\$206.27	\$215.76	\$3.32
Subtotal					728	2,947.00	\$106.28	\$1,570.81	\$1,677.10	

*CONTRA COSTA COUNTY - Rodent Assessment
Summary Information for Zone "CC"*

(Central County)

County		Benefit	Benefit	Assmt.	Total No.	Total of	FY 2016-17	FY 2016-17	FY 2016-17	FY 2016-17
<u>Use Code</u>	<u>County Use Code Description</u>	<u>Units</u>	<u>Factor</u>	<u>Units</u>	<u>of Parcels</u>	<u>Assmt.Units</u>	<u>County</u>	<u>O&M</u>	<u>Generated</u>	<u>Assmt. Per</u>
							<u>Admin. Charge</u>	<u>Revenue</u>	<u>Revenue</u>	<u>Parcel</u>
<i>Industrial</i>										
5	Undefined									
50	Vacant industrial land	4.000	1.000	4.00	58	232.00	\$8.47	\$123.70	\$132.16	\$2.28
51	Industrial park	6.000	1.000	6.00	203	1,218.00	\$29.64	\$644.19	\$673.82	\$3.32
52	Research & development	4.000	1.000	4.00	9	36.00	\$1.31	\$19.19	\$20.51	\$2.28
53	Light industrial	4.000	1.000	4.00	163	652.00	\$23.80	\$347.63	\$371.43	\$2.28
54	Heavy industrial	8.000	1.000	8.00	23	184.00	\$3.36	\$96.92	\$100.28	\$4.36
55	Warehouse	4.000	1.500	6.00	41	246.00	\$5.99	\$130.11	\$136.09	\$3.32
56	Misc. improvements industrial	4.000	1.000	4.00	18	72.00	\$2.63	\$38.39	\$41.02	\$2.28
59	Unassigned (Pipeline R/W)	4.000	1.000	4.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
Subtotal					515	2,640.00	\$75.19	\$1,400.12	\$1,475.31	
<i>Rural Properties - Agricultural</i>										
6	Undefined									
61	Rural residential	2.000	1.500	3.00	498	1,494.00	\$72.70	\$802.96	\$875.67	\$1.76
62	Rural, with or without structures	2.000	1.500	3.00	219	657.00	\$31.97	\$353.11	\$385.08	\$1.76
63	Urban acreage (10 - 40 acres)	6.000	1.500	9.00	142	1,278.00	\$20.73	\$672.27	\$693.00	\$4.88
64	Urban acreage (40 + acres)	8.000	1.500	12.00	52	624.00	\$7.59	\$327.35	\$334.95	\$6.44
65	Orchards (10 - 40 acres)	6.000	1.500	9.00	2	18.00	\$0.29	\$9.47	\$9.76	\$4.88
66	Orchards (40 + acres)	8.000	1.500	12.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
67	Dry farming, grazing (10 - 40 acres)	6.000	1.500	9.00	98	882.00	\$14.31	\$463.96	\$478.27	\$4.88
68	Dry farming, grazing (40 + acres)	8.000	1.500	12.00	78	936.00	\$11.39	\$491.03	\$502.42	\$6.44
69	Agric pres - Williamson Act parcels < 10.00 Ac	2.000	1.500	3.00	9	27.00	\$1.31	\$14.51	\$15.83	\$1.76
69	Agric pres - Williamson Act parcels 10.00 - 40.00 Ac	6.000	1.500	9.00	43	387.00	\$6.28	\$203.57	\$209.85	\$4.88
69	Agric pres - Williamson Act parcels > 40.00 Ac	8.000	1.500	12.00	91	1,092.00	\$13.29	\$572.87	\$586.15	\$6.44
Subtotal					1,232	7,395.00	\$179.86	\$3,911.11	\$4,090.98	
<i>Institutional</i>										
7	Undefined									
70	Convalescent hospitals & rest homes	4.000	1.500	6.00	27	162.00	\$3.94	\$85.68	\$89.62	\$3.32
71	Churches	4.000	1.500	6.00	222	1,332.00	\$32.41	\$704.48	\$736.89	\$3.32
72	Schools (Public & Private)	6.000	1.500	9.00	109	981.00	\$15.91	\$516.04	\$531.95	\$4.88
73	Hospitals	6.000	1.500	9.00	8	72.00	\$1.17	\$37.87	\$39.04	\$4.88
74	Cemeteries, Mortuaries	6.000	1.500	9.00	7	63.00	\$1.02	\$33.14	\$34.16	\$4.88
75	Fraternal & service organizations	4.000	1.500	6.00	16	96.00	\$2.34	\$50.77	\$53.11	\$3.32
76	Retirement housing complex (may be treated as multiple)	6.000	1.500	9.00	40	360.00	\$5.84	\$189.37	\$195.21	\$4.88
77	Cultural uses (libraries)	4.000	1.500	6.00	4	24.00	\$0.58	\$12.69	\$13.28	\$3.32
78	Parks & playground (Public & Private)	6.000	1.500	9.00	13	117.00	\$1.90	\$61.55	\$63.44	\$4.88
79	Government - owned buildings	0.000	0.000	0.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
Subtotal					446	3,207.00	\$65.11	\$1,691.60	\$1,756.71	
<i>Miscellaneous Properties</i>										
80	Mineral rights	0.000	0.000	0.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
81	Private roads	1.000	0.500	0.50	139	69.50	\$20.29	\$43.31	\$63.60	\$0.46
82	Pipelines	1.000	0.500	0.50	3	1.50	\$0.44	\$0.93	\$1.37	\$0.46
83	State Board assessed parcels (S.B.E.)	0.000	0.000	0.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
84	Utilities	1.000	1.000	1.00	4	4.00	\$0.58	\$2.29	\$2.87	\$0.72
85	Parking facilities	1.000	0.500	0.50	143	71.50	\$20.88	\$44.55	\$65.43	\$0.46
87	Common area parcels (parcels with structural value assessed)	1.000	1.500	1.50	0	0.00	\$0.00	\$0.00	\$0.00	N/A
Subtotal					289	146.50	\$42.19	\$91.08	\$133.28	
County Total					159,829	248,910	\$23,333.66	\$137,730.12	\$161,063.78	

*CONTRA COSTA COUNTY - Rodent Assessment
Summary Information for Zone "EC"
(East County)*

County		Benefit	Benefit	Assmt.	Total No.	Total of	FY 2016-17	FY 2016-17	FY 2016-17	FY 2016-17
<u>Use Code</u>	<u>County Use Code Description</u>	<u>Units</u>	<u>Factor</u>	<u>Units</u>	<u>of Parcels</u>	<u>Assmt.Units</u>	<u>County Admin. Charge</u>	<u>O&M Revenue</u>	<u>Generated Revenue</u>	<u>Assmt. Per Parcel</u>
<i>Single Family Residential</i>										
1	Unassigned Single Family Residential Parcels									
10	Vacant unbuildable residential	1.000	1.000	1.00	203	203.00	\$72.08	\$215.86	\$287.94	\$1.42
11	Single family residence	1.000	1.500	1.50	27,859	41,788.50	\$9,892.41	\$42,693.45	\$52,585.85	\$1.89
12	Single family residence on two or more lots	1.000	1.500	1.50	104	156.00	\$36.93	\$159.38	\$196.31	\$1.89
13	Two single family residence on one lot	2.000	1.500	3.00	221	663.00	\$78.47	\$649.72	\$728.20	\$3.30
14	Single family residence on other than single family land	1.000	1.500	1.50	173	259.50	\$61.43	\$265.12	\$326.55	\$1.89
15	Miscellaneous residential improvements on one site	1.000	1.500	1.50	636	954.00	\$225.84	\$974.66	\$1,200.50	\$1.89
16	Single family attached residence, townhouses, duets	1.000	1.500	0.75	328	246.00	\$116.47	\$271.83	\$388.30	\$1.18
17	Vacant residential property	1.000	1.000	1.00	2,820	2,820.00	\$1,001.35	\$2,998.61	\$3,999.96	\$1.42
18	Vacant residential property	1.000	1.000	1.00	42	42.00	\$14.91	\$44.66	\$59.57	\$1.42
19	Single family residential detached with common area	1.000	1.500	1.50	6,116	9,174.00	\$2,171.72	\$9,372.67	\$11,544.39	\$1.89
Subtotal					38,502	56,306.00	\$13,671.61	\$57,645.96	\$71,317.57	
<i>Multi-Family Residential</i>										
2	Undefined									
20	Vacant multiple property	4.000	1.000	4.00	13	52.00	\$4.62	\$50.42	\$55.03	\$4.23
21	Duplex (residential)	2.000	1.500	3.00	32	96.00	\$11.36	\$94.08	\$105.44	\$3.30
22	Triplex (residential)	2.000	1.500	3.00	5	15.00	\$17.78	\$14.70	\$16.48	\$3.30
23	Four-plex (residential)	2.000	1.500	3.00	13	39.00	\$4.62	\$38.22	\$42.84	\$3.30
24	Combination single plus double residential	2.000	1.500	3.00	18	54.00	\$6.39	\$52.92	\$59.31	\$3.30
25	5 - 12 multiple residential units	3.000	1.500	4.50	10	45.00	\$3.55	\$43.47	\$47.02	\$4.70
26	13 - 24 residential unit	4.000	1.500	6.00	3	18.00	\$1.07	\$17.26	\$18.33	\$6.11
27	25 - 59 multiple residential units	5.000	1.500	7.50	13	97.50	\$4.62	\$93.11	\$97.73	\$7.52
28	60+ multiple residential units	6.000	1.500	9.00	11	99.00	\$3.91	\$94.27	\$98.17	\$8.92
29	Cluster homes, Co-ops, Condos	0.750	1.500	1.125	413	464.63	\$146.65	\$487.60	\$634.25	\$1.54
Subtotal					531	980.13	\$188.55	\$986.04	\$1,174.59	
<i>Commercial</i>										
3	Undefined									
30	Vacant commercial property	4.000	1.000	4.00	214	856.00	\$75.99	\$829.94	\$905.93	\$4.23
31	Commercial stores (not supermarket)	4.000	0.500	2.00	126	252.00	\$44.74	\$252.21	\$296.95	\$2.36
32	Small grocery stores	4.000	1.500	6.00	10	60.00	\$3.55	\$57.55	\$61.10	\$6.11
33	Office buildings	4.000	0.500	2.00	61	122.00	\$21.66	\$122.10	\$143.76	\$2.36
34	Medical-dental offices	4.000	0.500	2.00	14	28.00	\$4.97	\$28.02	\$32.99	\$2.36
35	Service stations, car washes/bulk plants	4.000	1.000	4.00	25	100.00	\$8.88	\$96.96	\$105.83	\$4.23
36	Garages	4.000	1.500	6.00	48	288.00	\$17.04	\$276.23	\$293.27	\$6.11
37	Community facilities, recreational, etc.	6.000	1.500	9.00	6	54.00	\$2.13	\$51.42	\$53.55	\$8.92
38	Golf Courses	8.000	1.500	12.00	54	648.00	\$19.17	\$614.77	\$633.94	\$11.74
39	Bowling Alleys	4.000	1.500	6.00	1	6.00	\$0.36	\$5.75	\$6.11	\$6.11
Subtotal					559	2,414.00	\$198.49	\$2,334.94	\$2,533.43	
<i>Improved Commercial</i>										
4	Undefined									
40	Boat harbors	4.000	1.500	6.00	161	966.00	\$57.17	\$926.52	\$983.69	\$6.11
41	Supermarkets (not in shopping centers)	4.000	1.500	6.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
42	Shopping centers	6.000	0.500	3.00	76	228.00	\$26.99	\$223.43	\$250.42	\$3.30
43	Financial office buildings	4.000	0.500	2.00	5	10.00	\$1.78	\$10.01	\$11.78	\$2.36
44	Hotels, motels, mobile homes	4.000	1.500	6.00	30	180.00	\$10.65	\$172.64	\$183.30	\$6.11
45	Theaters	4.000	1.500	6.00	1	6.00	\$0.36	\$5.75	\$6.11	\$6.11
46	Drive-in restaurants	4.000	1.500	6.00	15	90.00	\$5.33	\$86.32	\$91.65	\$6.11
47	Restaurants	4.000	1.500	6.00	16	96.00	\$5.68	\$92.08	\$97.76	\$6.11
48	Mixed multiple/commercial	4.000	0.500	2.00	27	54.00	\$9.59	\$54.04	\$63.63	\$2.36
49	New car agencies	4.000	1.500	6.00	4	24.00	\$1.42	\$23.02	\$24.44	\$6.11
Subtotal					335	1,654.00	\$118.95	\$1,593.83	\$1,712.78	

*CONTRA COSTA COUNTY - Rodent Assessment
Summary Information for Zone "EC"
(East County)*

County		Benefit	Benefit	Assmt.	Total No.	Total of	FY 2016-17	FY 2016-17	FY 2016-17	FY 2016-17
<u>Use Code</u>	<u>County Use Code Description</u>	<u>Units</u>	<u>Factor</u>	<u>Units</u>	<u>of Parcels</u>	<u>Assmt. Units</u>	<u>County Admin. Charge</u>	<u>O&M Revenue</u>	<u>Generated Revenue</u>	<u>Assmt. Per Parcel</u>
<i>Industrial</i>										
5	Undefined									
50	Vacant industrial land	4,000	1,000	4.00	36	144.00	\$12.78	\$139.62	\$152.40	\$4.23
51	Industrial park	6,000	1,000	6.00	21	126.00	\$7.46	\$120.85	\$128.31	\$6.11
52	Research & development	4,000	1,000	4.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
53	Light industrial	4,000	1,000	4.00	27	108.00	\$9.59	\$104.71	\$114.30	\$4.23
54	Heavy industrial	8,000	1,000	8.00	2	16.00	\$0.71	\$15.26	\$15.97	\$7.99
55	Warehouse	4,000	1,500	6.00	10	60.00	\$3.55	\$57.55	\$61.10	\$6.11
56	Misc. improvements industrial	4,000	1,000	4.00	10	40.00	\$3.55	\$38.78	\$42.33	\$4.23
59	Unassigned (Pipeline R/W)	4,000	1,000	4.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
Subtotal					106	494.00	\$37.64	\$476.77	\$514.41	
<i>Rural Properties - Agricultural</i>										
6	Undefined									
61	Rural residential	2,000	1,500	3.00	627	1,881.00	\$222.64	\$1,843.33	\$2,065.97	\$3.30
62	Rural, with or without structures	2,000	1,500	3.00	359	1,077.00	\$127.48	\$1,055.43	\$1,182.91	\$3.30
63	Urban acreage (10 - 40 acres)	6,000	1,500	9.00	72	648.00	\$25.57	\$617.02	\$642.58	\$8.92
64	Urban acreage (40 + acres)	8,000	1,500	12.00	24	288.00	\$8.52	\$273.23	\$281.75	\$11.74
65	Orchards (10 - 40 acres)	6,000	1,500	9.00	413	3,717.00	\$146.65	\$3,539.28	\$3,685.93	\$8.92
66	Orchards (40 + acres)	8,000	1,500	12.00	136	1,632.00	\$48.29	\$1,548.30	\$1,596.59	\$11.74
67	Dry farming, grazing (10 - 40 acres)	6,000	1,500	9.00	117	1,053.00	\$41.55	\$1,002.65	\$1,044.20	\$8.92
68	Dry farming, grazing (40 + acres)	8,000	1,500	12.00	108	1,296.00	\$38.35	\$1,229.53	\$1,267.88	\$11.74
69	Agric pres - Williamson Act parcels < 10.00 Ac	2,000	1,500	3.00	8	24.00	\$2.84	\$23.52	\$26.36	\$3.30
69	Agric pres - Williamson Act parcels 10.00 - 40.00 Ac	6,000	1,500	9.00	46	414.00	\$16.33	\$394.21	\$410.54	\$8.92
69	Agric pres - Williamson Act parcels > 40.00 Ac	8,000	1,500	12.00	81	972.00	\$28.76	\$922.15	\$950.91	\$11.74
Subtotal					1,991	13,002.00	\$706.98	\$12,448.64	\$13,155.62	
<i>Institutional</i>										
7	Undefined									
70	Convalescent hospitals & rest homes	4,000	1,500	6.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
71	Churches	4,000	1,500	6.00	44	264.00	\$15.62	\$253.21	\$268.84	\$6.11
72	Schools	6,000	1,500	9.00	9	81.00	\$3.20	\$77.13	\$80.32	\$8.92
73	Hospitals	6,000	1,500	9.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
74	Cemeteries, Mortuaries	6,000	1,500	9.00	1	9.00	\$0.36	\$8.57	\$8.92	\$8.92
75	Fraternal & service organizations	4,000	1,500	6.00	9	54.00	\$3.20	\$51.79	\$54.99	\$6.11
76	Retirement housing complex (may be treated as multiple)	6,000	1,500	9.00	5	45.00	\$1.78	\$42.85	\$44.62	\$8.92
77	Cultural uses (libraries)	4,000	1,500	6.00	2	12.00	\$0.71	\$11.51	\$12.22	\$6.11
78	Parks & playground	6,000	1,500	9.00	1	9.00	\$0.36	\$8.57	\$8.92	N/A
79	Government - owned buildings	0,000	0,000	0.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
Subtotal					71	474.00	\$25.21	\$453.63	\$478.84	
<i>Miscellaneous Properties</i>										
80	Mineral rights	0,000	0,000	0.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
81	Private roads	1,000	0,500	0.50	57	28.50	\$20.24	\$33.87	\$54.11	\$0.95
82	Pipelines	1,000	0,500	0.50	3	1.50	\$1.07	\$1.78	\$2.85	\$0.95
83	State Board assessed parcels (S.B.E.)	0,000	0,000	0.00	0	0.00	\$0.00	\$0.00	\$0.00	N/A
84	Utilities	1,000	1,000	1.00	5	5.00	\$1.78	\$5.32	\$7.09	\$1.42
85	Parking facilities	1,000	0,500	0.50	20	10.00	\$7.10	\$11.88	\$18.99	\$0.95
Subtotal					85	45.00	\$30.18	\$52.85	\$83.03	
County Total					42,180	75,369	\$14,977.63	\$75,992.66	\$90,970.28	

*CONTRA COSTA COUNTY - Rodent Assessment
Summary Information
(Entire County)*

County Use Code	County Use Code Description	Assmt. per Parcel WA Zone	Assmt. per Parcel WC Zone	Assmt. per Parcel CC Zone	Assmt. per Parcel EC Zone
<i>Single Family Residential</i>					
10	Vacant unbuildable residential	\$0.75	\$1.25	\$0.72	\$1.42
11	Single family residence	\$1.02	\$1.69	\$0.98	\$1.89
12	Single family residence on two or more lots	\$1.02	\$1.69	\$0.98	\$1.89
13	Two single family residence on one lot	\$1.82	\$3.01	\$1.76	\$3.30
14	Single family residence on other than single family land	\$1.02	\$1.69	\$0.98	\$1.89
15	Miscellaneous residential improvements on one site	\$1.02	\$1.69	\$0.98	\$1.89
16	Single family attached residence, townhouses, duets	\$0.82	N/A	\$0.78	\$1.18
17	Vacant residential property	\$0.75	\$1.25	\$0.72	\$1.42
18	Vacant residential property	\$0.75	\$1.25	\$0.72	\$1.42
19	Single family residential detached with common area	\$1.02	\$1.69	\$0.98	\$1.89
<i>Multi-Family Residential</i>					
20	Vacant multiple property	\$2.36	\$3.89	\$2.28	\$4.23
21	Duplex (residential)	\$1.82	\$3.01	\$1.76	\$3.30
22	Triplex (residential)	\$1.82	\$3.01	\$1.76	\$3.30
23	Four-plex (residential)	\$1.82	\$3.01	\$1.76	\$3.30
24	Combination single plus double residential	\$1.82	\$3.01	\$1.76	\$3.30
25	5 - 12 multiple residential units	\$2.63	\$4.34	\$2.54	\$4.70
26	13 - 24 residential unit	\$3.43	\$5.66	\$3.32	\$6.11
27	25 - 59 multiple residential units	\$4.23	\$6.99	\$4.10	\$7.52
28	60+ multiple residential units	\$5.03	\$8.31	\$4.88	\$8.92
29	Cluster homes, Co-ops, Condos	\$0.82	\$1.36	\$0.78	\$1.54
<i>Commercial</i>					
30	Vacant commercial property	\$2.36	\$3.89	\$2.28	\$4.23
31	Commercial stores (not supermarket)	\$1.29	\$2.13	\$1.24	\$2.36
32	Small grocery stores	\$3.43	\$5.66	\$3.32	\$6.11
33	Office buildings	\$1.29	\$2.13	\$1.24	\$2.36
34	Medical-dental offices	\$1.29	\$2.13	\$1.24	\$2.36
35	Service stations, car washes/bulk plants	\$2.36	\$3.89	\$2.28	\$4.23
36	Garages	\$3.43	\$5.66	\$3.32	\$6.11
37	Community facilities, recreational, etc.	\$5.03	\$8.31	\$4.88	\$8.92
38	Golf Courses	\$6.64	\$10.96	\$6.44	\$11.74
39	Bowling Alleys	\$3.43	\$5.66	\$3.32	\$6.11
<i>Improved Commercial</i>					
40	Boat harbors	\$3.43	\$5.66	N/A	\$6.11
41	Supermarkets (not in shopping centers)	\$3.43	\$5.66	\$3.32	N/A
42	Shopping centers	\$1.82	\$3.01	\$1.76	\$3.30
43	Financial office buildings	\$1.29	\$2.13	\$1.24	\$2.36
44	Hotels, motels, mobile homes	\$3.43	\$5.66	\$3.32	\$6.11
45	Theaters	\$3.43	\$5.66	\$3.32	\$6.11
46	Drive-in restaurants	\$3.43	\$5.66	\$3.32	\$6.11
47	Restaurants	\$3.43	\$5.66	\$3.32	\$6.11
48	Mixed multiple/commercial	\$1.29	\$2.13	\$1.24	\$2.36
49	New car agencies	\$3.43	\$5.66	\$3.32	\$6.11
<i>Industrial</i>					
50	Vacant industrial land	\$2.36	\$3.89	\$2.28	\$4.23
51	Industrial park	\$3.43	\$5.66	\$3.32	\$6.11
52	Research & development	\$2.36	\$3.89	\$2.28	N/A
53	Light industrial	\$2.36	\$3.89	\$2.28	\$4.23
54	Heavy industrial	\$4.50	\$7.43	\$4.36	\$7.99
55	Warehouse	\$3.43	\$5.66	\$3.32	\$6.11
56	Misc. improvements industrial	\$2.36	\$3.89	\$2.28	\$4.23

*CONTRA COSTA COUNTY - Rodent Assessment
Summary Information
(Entire County)*

County		Assmt. per Parcel	Assmt. per Parcel	Assmt. per Parcel	Assmt. per Parcel
<u>Use Code</u>	<u>County Use Code Description</u>	<u>WA Zone</u>	<u>WC Zone</u>	<u>CC Zone</u>	<u>EC Zone</u>
59	Unassigned (Pipeline R/W)	N/A	N/A	N/A	N/A
<i>Rural Properties - Agricultural</i>					
61	Rural residential	\$1.82	\$3.01	\$1.76	\$3.30
62	Rural, with or without structures	\$1.82	\$3.01	\$1.76	\$3.30
63	Urban acreage (10 - 40 acres)	\$5.03	\$8.31	\$4.88	\$8.92
64	Urban acreage (40 + acres)	\$6.64	\$10.96	\$6.44	\$11.74
65	Orchards (10 - 40 acres)	\$5.03	N/A	\$4.88	\$8.92
66	Orchards (40 + acres)	N/A	N/A	N/A	\$11.74
67	Dry farming, grazing (10 - 40 acres)	\$5.03	\$8.31	\$4.88	\$8.92
68	Dry farming, grazing (40 + acres)	\$6.64	\$10.96	\$6.44	\$11.74
69	Agric pres - Williamson Act parcels < 10.00 Ac	\$1.82	\$3.01	\$1.76	\$3.30
69	Agric pres - Williamson Act parcels 10.00 - 40.00 Ac	\$5.03	N/A	\$4.88	\$8.92
69	Agric pres - Williamson Act parcels > 40.00 Ac	\$6.64	\$10.96	\$6.44	\$11.74
<i>Institutional</i>					
70	Convalescent hospitals & rest homes	\$3.43	\$5.66	\$3.32	N/A
71	Churches	\$3.43	\$5.66	\$3.32	\$6.11
72	Schools	\$5.03	\$8.31	\$4.88	\$8.92
73	Hospitals	\$5.03	\$8.31	\$4.88	N/A
74	Cemeteries, Mortuaries	\$5.03	\$8.31	\$4.88	\$8.92
75	Fraternal & service organizations	\$3.43	\$5.66	\$3.32	\$6.11
76	Retirement housing complex (may be treated as multiple)	\$5.03	\$8.31	\$4.88	\$8.92
77	Cultural uses (libraries)	\$3.43	\$5.66	\$3.32	\$6.11
78	Parks & playground	\$5.03	\$8.31	\$4.88	N/A
79	Government - owned buildings	N/A	N/A	N/A	N/A
<i>Miscellaneous Properties</i>					
80	Mineral rights	N/A	N/A	N/A	N/A
81	Private roads	\$0.49	\$0.80	\$0.46	\$0.95
82	Pipelines	\$0.49	\$0.80	\$0.46	\$0.95
83	State Board assessed parcels (S.B.E.)	N/A	N/A	N/A	N/A
84	Utilities	\$0.75	N/A	\$0.72	\$1.42
85	Parking facilities	\$0.49	\$0.80	\$0.46	\$0.95
86	Municipal property	N/A	N/A	N/A	N/A
87	Common area parcels (parcels with structural value assessed)	N/A	N/A	N/A	N/A
88	Mobile Homes	N/A	N/A	N/A	N/A
89	Split parcels in different tax code areas	N/A	N/A	N/A	N/A
99	Exempt Assignment	N/A	N/A	N/A	N/A