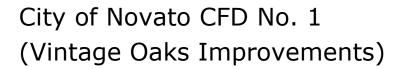
## **Final Report**

The Economics of Land Use





Prepared for:

City of Novato

Prepared by:

Economic & Planning Systems, Inc.

June 2018

Economic & Planning Systems, Inc. 400 Capitol Mall, 28th Floor Sacramento, CA 95814 916 649 8010 tel 916 649 2070 fax

Oakland Sacramento Denver Los Angeles EPS #182031

## Table of Contents

1. INTR	ODUCTION	1			
Back	kground	1			
	anization of the Report				
2. CFD PARCELS					
3. CALC	CULATION OF FY 2018-19 SPECIAL TAX LEVY	4			
Com	pute the Annual Fixed Special Tax	4			
Com	pute the Maximum Tax Rates for FY 2018-19	6			
Compute the Annual Building Tax Rate					
Com	pute the Annual Tax on Lands	6			
Com	pute the Annual Land Tax Rate	6			
Com	pute the Annual Parcel Special Tax for FY 2018-19	6			
List of T	ables				
Table 1	CFD Parcels FY 2018-19	3			
Table 2	Calculation of Annual Fixed Special Tax FY 2018-19	5			
Table 3	Special Tax Rates for FY 2018-19	7			
Table 4	Calculation of Annual Building Tax Rate	8			
Table 5	Calculation of Annual Tax on Lands	9			
Table 6	Calculation of Annual Land Tax Rate	10			
Table 7	Calculation of Annual Parcel Special Tax for FY 2018-19	11			

## 1. Introduction

## Background

In May 1991, the City of Novato's (City's) City Council authorized the formation of Community Facilities District No. 1 (CFD No.1) to fund the development of the public improvements for the commercial areas of the Vintage Oaks. A total of 13 parcels are included in CFD No.1. The Vintage Oaks development area consists of approximately 48 acres of commercial development and is located east of State Route 101 and south of Rowland Boulevard.

This report provides a detailed description of the process used to calculate the Fiscal Year (FY) 2018–19 special tax levy for the City's Community Facilities District (CFD). This is the twenty-sixth year in which special taxes will be levied in this CFD. The special taxes are calculated according the "Rate and Method of Apportionment of Special Tax" (Tax Formula) as adopted by the City Council in the Resolution forming the CFD in May 1991.

## Organization of the Report

This report serves as the Tax Report for FY 2018–19. This Tax Report discusses parcels included in the CFD, the calculation of annual costs, and the allocation of the Special Tax to parcels.

**Chapter 2** describes the CFD parcels.

**Chapter 3** discusses the calculation of the FY 2018–19 tax levy.

## 2. CFD PARCELS

The Vintage Oaks project encompasses thirteen parcels that total approximately 48 acres of land. **Table 1** identifies each parcel by its assessor's parcel number, individual acreage, and building square footage used for calculation the annual special tax levy.

Table 1
City of Novato
CFD No. 1 (Vintage Oaks Public Improvements)
CFD Parcels FY 2018-19

Assessor's Parcel Number	Parcel Acreage	Building Square Foot
153-340-36	8.87	150,165
153-340-37	0.37	0
153-340-38	0.46	0
153-340-40	0.05	0
153-340-10	0.07	0
153-340-35	13.61	148,887
153-340-16	1.17	16,778
153-340-17	1.31	4,650
153-340-21	1.04	4,209
153-340-22	0.78	1,290
153-340-26	2.31	15,361
153-340-27	1.65	18,043
153-340-28	16.04	182,019
Totals	47.72	541,402

"parcels"

Source: City of Novato Planning Department and Marin County Assessor's Office.

## 3. CALCULATION OF FY 2018-19 SPECIAL TAX LEVY

## Compute the Annual Fixed Special Tax

The Annual Fixed Special Tax for the CFD is the total dollar amount of expenditure items that must be funded in FY 2018–19. The Annual Fixed Special Tax is approximately \$1,605,580.60 and consists of the following items:

- 1. Debt Service on Fixed Rate Bonds
- 2. Fiscal Agent Services
- 3. Administrative Expenses
- 4. Special Tax Collection Charges

#### **Debt Service**

Debt service consists of the principal and interest installments due in the calendar year following the beginning of the current fiscal year. CFD bonds were previously refunded by the City in August 2004 resulting in a reduction of the annual debt service requirements in future fiscal years.

The City refunded the CFD bonds once again in 2014 through a Loan Agreement with Compass Mortgage Corporation that enabled the City to reduce annual debt service payments 14.5-percent, on average, for the remaining term of the outstanding CFD bonds. The reduced debt service payments significantly reduce the total Annual Fixed Special Tax for the CFD, directly benefitting all property owners within the CFD.

FY 2018–19 debt service consists of the principal and interest installments due during calendar year 2019. The principal payment due in February of the calendar year 2019 is \$602,607.33. The principal payment due in August of the calendar year 2019 is \$613,243.35. The interest payment due in February of calendar year 2019 is \$194,669.97. The interest payment due in August of calendar year 2019 is \$184,033.95. **Table 2** shows the calculation of the Annual Fixed Special Tax for the CFD.

#### **Administrative Expenses**

The City may levy special taxes to cover administrative expenses associated with the costs of administering the CFD. Annual costs that may be included in each annual special tax levy are listed below.

Administrative costs for the City are estimated to be \$20,000 for FY 2018–19. Other flat cost items include a fee of \$6,000 for the tax levy and annual reports, \$0 for arbitrage calculation, and a fee for Special Tax collection that is approximately \$26. **Table 2** displays these components of the Annual Fixed Special Tax.

Table 2
City of Novato
CFD No. 1 (Vintage Oaks Public Improvements)
Calculation of Annual Fixed Special Tax FY 2018-19

Item	Amount		
Debt Service			
Fixed Rate Bonds			
Principal			
February 2019	\$602,607.33		
August 2019	\$613,243.35		
Interest			
February 2019	\$194,669.97		
August 2019	\$184,033.95		
Total Debt Service FY 2017-18	\$1,594,554.60		
Interest Earnings on Reserve Fund [1]	(\$15,000.00)		
Fiscal Agent Services	\$0.00		
Tax Levy, Annual Reports	\$6,000.00		
CFD Administrative Costs	\$20,000.00		
Arbitrage Calculation	\$0.00		
Previous Year Delinquency Coverage	\$0.00		
Special Tax Collection Charges [2]	\$26.00		
Less Special Tax Account Cash Balance	\$0.00		
Total Annual Fixed Special Tax	\$1,605,580.60		
	"costs"		

"costs"

<sup>[1]</sup> Provided by City of Novato.

<sup>[2]</sup> County charges \$2 per parcel to levy and collect the special tax for FY 2018-19.

#### **Interest Earnings of Reserve Fund**

The City estimates that the CFD bond reserve fund will earn approximately \$15,000 in interest during FY 2018-19. This amount is used to reduce the total annual fixed special tax requirement.

### Compute the Maximum Tax Rates for FY 2018-19

The Maximum Annual Special Tax Rates for FY 2018–19 are computed on a per-building-square-footage basis and a per-land-acreage basis. **Table 3** shows this calculation. To calculate the Maximum Building Tax per Square Foot, the Special Tax per square foot, which is set forth as \$4.58 in the Special Tax Formula, is multiplied by the total building square feet in the CFD. The Maximum Land Tax per acre is similarly calculated by multiplying the Tax per acre (\$75,891) by the total acres in the CFD.

## Compute the Annual Building Tax Rate

The Annual Building Tax Rate is equal to the Annual Tax on Buildings divided by the Total Building Floor Area. The Annual Tax on Buildings is the lesser of either 80 percent of the Annual Fixed Special Tax (from **Table 2**) or the Maximum Building Tax, as calculated in **Table 3**. Dividing the Annual Tax on Buildings by the Total Building Floor Area (from **Table 1**) yields an Annual Building Tax Rate of \$2.37 for CFD No.1. This calculation is shown in **Table 4**.

## Compute the Annual Tax on Lands

The Annual Tax on Land is equal to the Annual Fixed Special Tax minus the Annual Tax on Buildings. **Table 5** presents this calculation and shows that the Annual Tax on Lands for CFD No. 1 is \$321,116.

## Compute the Annual Land Tax Rate

The Annual Land Tax Rate is equal to the lesser of either the Annual Tax on Land divided by the total of all acres in the CFD or the Maximum Land Tax per Acre. **Table 6** compares these two values and shows that the Annual Tax Rate for CFD No. 1 is based on the Annual Tax on Land divided by the total of all acres in the CFD and is approximately \$6,729.60.

# Compute the Annual Parcel Special Tax for FY 2018-19

The Annual Parcel Special Tax for FY 2018–19 is computed for each of the 13 parcels in the CFD. The sum of the Land Tax and Building Tax for each parcel makes up the Annual Parcel Special Tax. To derive the Land Tax for each parcel, the Annual Land Tax Rate is multiplied by the acreage of each parcel. Similarly, the Building Tax is calculated by multiplying the Annual Building Tax Rate for each parcel by its building square footage. **Table 7** shows this calculation and sums the Annual Parcel Special Tax for all of the 13 parcels in the CFD to show that the Maximum Annual Revenue generated in FY 2018–19 is \$1,605,580.60.

Table 3
City of Novato
CFD No. 1 (Vintage Oaks Public Improvements)
Special Tax Rates for FY 2018-19

Tax Category	Tax per Sq. Ft./Acre	Total Area [1]	Maximum Tax
Maximum Building Tax Per Square Foot	\$4.58	541,402.00	\$2,479,621.16
Maximum Land Tax Per Acre	\$75,891	47.72	\$3,621,290.85
Maximum Land Tax Per Acre	\$75,891	47.72	\$3,621,290

"base\_tax"

<sup>[1]</sup> From **Table 1**.

Table 4
City of Novato
CFD No. 1 (Vintage Oaks Public Improvements)
Calculation of Annual Building Tax Rate

rence Amount
ole 2 result \$1,284,464
<i>Table 3</i> \$2,479,621
of A or B \$1,284,464
<b>Table 1</b> 541,402
s/D \$2.37

"building\_tax"

Table 5
City of Novato
CFD No. 1 (Vintage Oaks Public Improvements)
Calculation of Annual Tax on Lands

Item	Reference	Amount
A. Annual Fixed Special Tax	From <b>Table 2</b>	\$1,605,581
B. Annual Tax on Buildings	From Table 4	\$1,284,464
C. Annual Tax on Lands	=A-B	\$321,116

"land\_tax"

Table 6
City of Novato
CFD No. 1 (Vintage Oaks Public Improvements)
Calculation of Annual Land Tax Rate

Item	Reference		Acres	Tax Per Acre
A. Annual Tax on Land	From <b>Table 5</b>	\$321,116 /	47.72 =	\$6,729.60
B Maximum Land Tax Per Acre	From <b>Table 3</b>			\$75,891.00
C. Annual Land Tax Rate	Lesser of A or B			\$6,729.60

"land\_tax2"

Table 7
City of Novato
CFD No. 1 (Vintage Oaks Public Improvements)
Calculation of Annual Parcel Special Tax for FY 2018-19

Assessor's Parcel Number	Parcel Acreage	Building Square Foot	Annual Land Tax Rate	Annual Building Tax Rate	Land Tax	Building Tax	Annual Parcel Special Tax	As a Percent of Total
	Α	В	С	D	E=A*C	F=B*D	E+F	_
153-340-36 153-340-38 153-340-40 153-340-10 153-340-35 153-340-16 153-340-17	8.87 0.37 0.46 0.05 0.07 13.61 1.17 1.31	150,165 0 0 0 0 148,887 16,778 4,650	\$6,729.60 \$6,729.60 \$6,729.60 \$6,729.60 \$6,729.60 \$6,729.60 \$6,729.60	\$2.37 \$2.37 \$2.37 \$2.37 \$2.37 \$2.37 \$2.37	\$59,678.06 \$2,456.30 \$3,095.61 \$329.75 \$471.07 \$91,556.15 \$7,873.63 \$8,815.77	\$356,263.20 \$0.00 \$0.00 \$0.00 \$0.00 \$353,231.17 \$39,805.44 \$11,032.02	\$415,941.25 \$2,456.30 \$3,095.61 \$329.75 \$471.07 \$444,787.32 \$47,679.07 \$19,847.79	25.91% 0.15% 0.19% 0.02% 0.03% 27.70% 2.97% 1.24%
153-340-21 153-340-22 153-340-26 153-340-27 153-340-28	1.04 0.78 2.31 1.65 16.04	4,209 1,290 15,361 18,043 182,019	\$6,729.60 \$6,729.60 \$6,729.60 \$6,729.60 \$6,729.60	\$2.37 \$2.37 \$2.37 \$2.37 \$2.37	\$6,998.78 \$5,249.08 \$15,545.37 \$11,103.83 \$107,942.72	\$9,985.76 \$3,060.50 \$36,443.64 \$42,806.63 \$431,836.12	\$16,984.54 \$8,309.58 \$51,989.00 \$53,910.46 \$539,778.84	1.06% 0.52% 3.24% 3.36% 33.62%
Totals	47.72	541,402			\$321,116.12	\$1,284,464.48	\$1,605,580.60	######

"parcel\_tax"