

COUNTY OF SACRAMENTO PUBLIC WORKS AGENCY – WARREN HARADA, ADMINISTRATOR

Department of Water Resources

Including service to the Cities of Citrus Heights, Elk Grove and Rancho Cordova

Keith DeVore, Director

July 15, 2003 Timed Item: 10:30 am

TO:

Board of Directors

Sacramento County Water Agency

FROM:

Department of Water Resources

SUBJECT:

VINEYARD SPRINGS COMPREHENSIVE PLAN

SUPPLEMENTAL DRAINAGE FEE AND ORDINANCE

CONTACT: George Booth, 874-6484

Overview

The Vineyard Springs Comprehensive Plan (VSCP) Public Facilities Financing Plan was adopted by the Board of Supervisors on June 7, 2000 and includes drainage facilities to be funded by Zone 11A and through a supplemental drainage fee. An ordinance is required to implement the supplemental fee. This item provides for approval of the drainage fee study that establishes the supplemental fee amount, and introduces the required ordinance.

Recommendations

- 1. Execute the attached Resolution approving the attached VSCP Drainage Fee Study.
- 2. Introduce an ordinance adding Chapter 2.80, Title 2 of the Sacramento County Water Agency Code Relating to the Supplemental Drainage Fee in the Vineyard Springs Comprehensive Plan Area. Waive full reading of the ordinance and continue to July 22, 2003, for adoption.

Measures/Evaluation

Measures/Evaluation are not applicable to this agenda item.

Fiscal Impact

Approval of this item will have no impact on the general fund. The project finances will be accounted for separately from the Zone 11A funds within the Water Agency.

Board of Directors of the Sacramento County Water Agency July 15, 2003 Page 2 of 2

BACKGROUND:

The VSCP Public Facilities Financing Plan (PFFP) was adopted June 7, 2000 and estimated \$20.5 million in drainage facilities required for the VSCP area. The drainage facilities identified in the VSCP PFFP were determined by the VSCP Drainage Master Plan consistent with the drainage study by Water Resources for the Upper Laguna Creek watershed. The Drainage Master Plan included on- and off-site drainage facilities and costs that exceeded the appropriate use of the Zone 11A drainage impact fees. The PFFP defines the nexus between development in the VSCP and the required drainage facilities. The attached Drainage Fee Study delineates which facilities will be paid by Zone 11A and which will be paid by the supplemental drainage fee.

DISCUSSION:

A supplemental drainage fee is required to fund various appurtenances that are not paid for by Zone 11A. These include such things as off-site hauling of excavated soil, channel right-of-way acquisition and environmental mitigation. The original drainage facility costs of \$20.5 million have been updated to account for inflation and to include additional anticipated costs for land acquisition and environmental mitigation. The current total drainage facility cost is estimated to be \$25.3 million. The supplemental drainage fee will be \$13,833 per acre of development in the plan area (with an inflation mechanism). The project finances will be accounted for separately from the Zone 11A funds within the Water Agency.

Respectfully submitted,	APPROVED:
Keith DeVore, Director Department of Water Resources	Terry Schutten County Executive
	By: Warren H. Harada, Administrator Public Works Agency
Attachments: Report (Drainage Fee Study) Ordinance	

cc: Michael Peterson, George Booth, Pete Hall – Water Resources
Susan Goetz – Infrastructure Finance Section

Lisa Travis – County Counsel

Resolution

Sacramento County Agenda and Record Processing Application **Approval List**

Approval List for Agenda Item 99887 07/03/2003 Approved

Warren Harada

Page 1

SACRAMENTO COUNTY WATER AGENCY

RESOLUTION NO. <u>WA-2506</u> VINEYARD SPRINGS COMPREHENSIVE PLAN DRAINAGE FEE STUDY

WHEREAS, the Vineyard Springs Comprehensive Plan Public Facilities Financing Plan was adopted by the Sacramento County Board of Supervisors on June 7, 2000 which included estimated Zone 11A and Supplemental Drainage Fees; and

WHEREAS, the Zone 11A and Supplemental Drainage Fees estimated in June 2000 have been updated to account for inflation and to include additional easement and environmental mitigation costs.

NOW, THEREFORE, the Board of Directors of the Sacramento County Water Agency resolves and determines to approve the Vineyard Springs Comprehensive Plan Drainage Fee Study, dated July 2003.

On a 1	motion by Director _	Nottoli , and seconde	ed by Director
Dickinsor	the for	egoing Resolution was passed and ac	dopted by the Board of
Directors of t	he Sacramento Coun	ty Water Agency, State of California	, this 15th day of
<u>July</u> ,	2003, by the following	ng vote, to wit:	
AYES:	Directors,	Dickinson, Niello, Nottoli,	Collin
NOES:	Directors,	None	S accordance will: Section 2010) of the Government Code of the State of California a copy of the document has been distinct to the Chairman and Accordance to ACCO.
ABSENT:	Directors,	Johnson	JUL 15 aus
ABSTAIN:	Directors,	None	Doyluty Clark, Bolard of Directors

SEA

Chair of the Board of Directors of the Sacramento County Water Agency, a political subdivision of the State of California.

FILED

JUL 1 5 2003

Clerk of the Board of Supervisors of Sacramento County, California and ex-officio Secretary of the Board of Directors of the Sacramento County Water Agency BOARD OF DIRECTORS

Clerk the Board

Vineyard Springs Comprehensive Plan Public Facilities Financing Plan Supplemental and Zone 11A Drainage Fees July, 2003

DRAINAGE FEE STUDY

Nexus

The Vineyard Springs Comprehensive Plan (VSCP) Public Facilities Financing Plan (PFFP) was adopted by the Board of Supervisors on June 7, 2000. The drainage facilities identified in the PFFP were determined by the VSCP Drainage Master Plan (VSCP DMP), Final, dated June 22, 1999, by the Spink Corporation. (The VSCP DMP was consistent with a comprehensive watershed drainage study by county staff, the Upper Laguna Creek Drainage Master Plan, Status Report Addendum #2, dated January 1999.) The VSCP DMP identified drainage facilities, both on- and off-site, that were required to adequately drain the VSCP area, but also to mitigate for the impacts of development, both flood control and water quality. The VSCP DMP defines the nexus between development in the VSCP and the required drainage facilities, and thus the cost of the facilities and the development fees.

Updated Facility Costs and Fees

The PFFP adopted June 7, 2000 estimated \$20.5 million in drainage facilities required for the VSCP area. These are typically funded by Zone 11A of the Sacramento County Water Agency, however a Supplemental Drainage Fee is required to fund various appurtenances that are not paid by Zone 11A. These include off-site excavation and land acquisition, and environmental mitigation. The original drainage facility costs of \$20.5 million were estimated in the year 2000. These have been updated to account for inflation and to include additional easement and environmental mitigation costs. These are summarized in the table below. The current total drainage facility cost is estimated to be \$25.3 million.

The attached Figures 9, 10 and 11 replace their respective figures in the 2000 PFFP. Figure 9 revises the revenues and fees/acre for the Zone 11A and Supplemental Drainage Fees. Figure 10 summarizes the drainage improvement costs funded through Zone 11A drainage fees. Figure 11 summarizes those funded through Supplemental fees. Appendix A, Summary of Drainage Fees versus Estimated Cost, replaces Figure 12 in the 2000 PFFP. Appendix A shows both cashflow and a detailed breakdown of drainage facilities funded by each drainage fee. Prior to implementation of the PFFP, the Supplemental Drainage Fee is adopted by ordinance. The revised Supplemental Drainage Fee is \$13,883 per acre and is determined in the attached Figure 9 and Appendix A.

	2000 PFFP DRAINAGE COSTS	2002 UPDATED DRAINAGE COSTS
Zone 11A	\$9,016,005	\$11,409,569
Supplemental Drainage	11,486,458	13,924,921
Total	\$20,502,463	\$25,334,490

Figure 9 (revised) Vineyard Springs Comprehensive Plan Revenues and Fees/Acre for Zone 11A and Supplemental Drainage Fees

Zone 11A and Supplemental Drainage Fees are calculated on a per developable acre basis rather than DUE.

Zone 11A Drainage Fees

Zone 11A Fee per Acre [1][a]\$7,200Developable Acres Paying Zone 11A Fee[b]1,445Revenues from Zone 11A Fees (All Phases)[c=axb]\$10,404,000

[1] Zone 11A Fees are calculated below and are adjusted for density. Costs and fees are rounded.

Zoning	No.	Acres	Fee Rate	BSL Fee[2]	Net Fee	Total
	Units		(\$)	(\$)	(\$)	(\$)
AR1	136	136	2,010	-44	1,966	267,376
RD1-RD5	3,742	996	2,010	-44	1,966	7,356,772
RD7-RD12	660	72	11,300	-220	11,080	797,760 ·
RD14-RD20	396	22	11,850	-220	11,630	255,860
LC & BP		24	15,010	-220	14,790	354,960
Parks		70	3,020	-220	2,800	196,000
Subtotal	4,934	1320		1		9,228,738
Vineyard	261	62	1,966	-44	1,922	513,126
Crossing						
Laguna	337	<u>62</u>	<u>1,966</u>	<u>-44</u>	<u>1,922</u>	662,542
Vineyards						
Total	5,532	1445				\$10,404,396
Zone 11A Fee		1445[b]	·			7,200[a]
per Acre						
Zone 11A		5532				1,880
Fee per Unit						
Avg. DU per		3.83				
Acre						

^[2] The Beach Stone Lake component of the Zone 11A fee is deducted pursuant to Water Agency Board Resolution WA 0039, and set aside for future mitigation of impacts to floodplain elevations in the Beach Stone Lakes area.

Supplemental Drainage Fee		
Developable Acres Paying Supplemental Fee	[d]	1,003
Total Drainage Costs Funded by Supplemental Fee [3]	[e]	\$13,924,921
Supplemental Drainage Fee per Acre	[f=e/d]	\$13,8 \$ 3
[3] See Figures 11 and 12 for costs and facilities funded through the St	applemental Fee	

Figure 10 (revised) Vineyard Springs Comprehensive Plan Summary of Drainage Improvement Costs Funded through Zone 11A Drainage Fee Program

Phasing		Cost Es	Cost Estimated for D	rainage Facili	for Drainage Facilities (in 2002 \$s)		Phase	Contin.	Total Cost
		Č					Subtotal	(%,0.7)	
	Channel Improv.	Storm Drains	Acess Roads, Reveg.	Water Quality	Detention Basins	u.			
			0		On-site	Off-site			
Phase 1		924,721		201,976	(3.5)	2,340,707	3,467,404	693,481	4,160,885
Phase 2	939,800	386,146	308,700	201,976			1,836,622	367,324	2,203,947
Phase 3	1.593.664	41.726	628.520	201.976			2,465,886	493,177	2,959,063
Phase 4	204.240	424,755	62,600				691,595	138,319	829,914
Phase 5		280,430			766,037	1	1,046,467	209,293	1,255,760
Subtotal	2,737,704	2,057,778	999,820	605,928	766,037	2,340,707	9,507,974	1,901,595	11,409,569

Figure 11 (revised) Vineyard Springs Comprehensive Plan Summary of Drainage Improvement Costs Funded through VSCP Supplemental Drainage Fee Program

		Cost Estimated	i ior Dramage r	Cost Estimated for Drainage Facilities (in 2002 \$s)	\$s)	Phase Subtotal	Contingency (20%)	Total Cost
	Ch	Channel	Water Quality	Detention Basins	Environmental Mitigation			
	Excavation	Land Acquisition		Off-site UL45 and Triangle Rock				
Phase 1			118,510	1,045,243	69,000	1,232,753	246,551	1,479,304
Phase 2	1,092,200	379,950	118,510		1,628,700	3,219,360	643,872	3,863,232
Phase 3	1,852,096	1,602,818	118,510		1,337,940	4,911,364	982,273	5,893,637
Phase 4	237,360	395,655		1,000,000	607,600	2,240,615	448,123	2,688,738
Phase 5							,	
Subtotal	3,181,656	2,378,423	355,530	2,045,243	3,643,240	11,604,092	2,320,819	13,924,921 *

* Supplemental Drainage Fee = \$13,924,921 / 1003 acres = \$13,883 per acre

					Draina	ge Fees		
				Zone 11A I	ee	Si	upplementa	l Fee
Drainage and Flood Control Facilities	Units	Unit Cost	Quant.	Fac. Cost	20% Cont.	Quant.	Fac. Cost	20% Cont.
Basins ² (total excavation and export cost estimated at \$8.00/cy)								
UL45 Construction Supplemental (1AF = 1613.3cy @ \$4.30/cy = \$6,937/AF)	AC-FT	\$6,937.19				140.00	\$971,207	\$194,241
UL45 Construction Zone 11A (1AF = 1613.3cy @ \$3.70/cy = \$5969/AF)	AC-FT	\$5,969.33	140.00	\$835,707	\$167,141			
UL45 Land Acquisition	AC	\$35,000.00		\$1,505,000	\$301,000	43.00		
UL45 - 100' Additional Easement for construction/fill/levees (2,150 LF)	AC	\$15,000.00				4.94	\$74,036	\$14,807
Triangle Rock	LS	\$1,000,000.00				ļ		
G-45 ConstructionZone (all scraper dirt)	AC-FT	\$5,969.33			ļ			
G-45 Land Acquisition	AC	\$30,000.00	 				 	
3	10.77	**********	17.00	\$101,976	\$20,395	 	<u> </u>	
Water Quality Basins Zone 11A 3	AC-FT	\$5,969.33	17.08	\$101,570	320,333	17.08	\$118,510	\$23,702
Water Quality Basins Supplemental 3	AC-FT	\$6,937.19	1.00	\$100,000	\$20,000	17.06	\$110,510	\$23,702
Water Quality Basin inlet/outlet works	Basins	\$100,000.00	1,00	2100,000	320,000	 		1
Thannel Improvements (assume avg \$8.00/cy)	 	 	-			 	1	
Laguna Creek-Waterman to Sheldon (Bottom Width 75')	<u> </u>							
145' Easement Acquisition-Sheldon to 600' d/s of UL45 (4,500 LF)	AC	\$15,000.00	1					
100' Additional Easement-Sheldon to Waterman (4,500 LF)	AC	\$15,000.00						
Channel Construction Zone 11A Sheldon to 600' d/s of UL45 (6,000 LF)	CY	\$3.70						
Channel Construction Supplemental Sheldon to 600' d/s of UL45 (6,000 LF)	CY	\$4.30				↓		
Channel Construction Zone 11A 600' d/s of ULA5 to Waterman (3,000 LF)	CY	\$3.70			-	 	 	
Channel Construction Supplemental 600' d/s of UL45 to Waterman (3,000 LF)	CY	\$4.30	ļ		 	 	+	-
	 	 	 	-	-	 	 	+
Laguna Creek-Sheldon to CCTRR (BW 65')	AC	\$40,000.00	 		 	 		1
135' Easement-CCTRR to Bradshaw (3,000 LF)	AC	\$15,000.00		 	†			-
135' Easement-Bradshaw to Calvine (4,800 LF) 135' Easement-Calvine to Sheldon (7,000 LF)	AC	\$15,000.00		<u> </u>	 	1		
100' Additional Easement-CCTRR to Bradshaw (3,000 LF)	AC	\$40,000.00			1			
100' Additional Easement-Bradshaw to Sheldon (11,800 LF)	AC	\$15,000.00	1					
Too Additional Education Districts to Cashada (1),1-1-11/	1							
Channel Construction Zone 11A CCTRR to Bradshaw (3,000 LF)	CY	\$3.70						
Channel Construction Supplemental CCTRR to Bradshaw (3,000 LF)	CY	\$4.30						
Channel Construction Zone 11A Bradshaw to Calvine (4,800 LF)	CY	\$3.70		L	ļ			
Channel Construction Supplemental Bradshaw to Calvine (4,800 LF)	CY	\$4.30		ļ	_			
Channel Construction Zone 11A Calvine to Sheldon (7,000 LF)	CY	\$3.70			 	+	+	
Channel Construction Supplemental Calvine to Sheldon (7,000 LF)	CY	\$4.30	 	 		 		
Gerber Creek	 	 	1		-	1		
Gerber Creek-Channel Construction Zone 11A Vineyard to Gerber #2	CY	\$3,70						
Gerber Creek-Channel Construction Supplemental Vineyard to Gerber #2	CY	\$4.30						
Geroet Greek-Changer Could with a supplied								
Laguna Creek-Vineyard to CCTRR (BW 45')								
115' R/W Acquisition-Vineyard to CCTRR (2,000 LF)	AC	\$40,000.00						
100' Additional Easement-Vineyard to CCTRR (2,000 LF)	AC	\$40,000.00						
Channel Construction Vineyard to CCTRR (2,000 LF)	CY	\$3.70		 				-
	CY	\$4.30	4	 			-	
Storm Drain	LF	\$150.00	1650.00	\$247,500	\$49,500	7	i	
84" RCP	LF	\$140.00		3	2.2,000			
78" RCP	LF	\$129.00		\$196,725	\$39,34	5		
66° RCP	LF	\$119.00						
60" RCP	LF	\$114.00		\$91,200	\$18,240)		·
54" RCP	LF	\$91.00						
48" RCP	LF	\$71.00						
42" RCP	LF	\$62.00		\$12,400	\$2,480	0		
39" RCF	LF	\$62.00						
39" HDPE	LF	\$62.00		F25 100	\$7,02			
36* HDPE	LF	\$54.00						
33" HDPE	LF	\$52.00 \$46.00						
30° HDPE	LF LF	\$40.00					<u> </u>	
27" HDPE 24" HDPE	LF	\$42.00						
Z4 FIDIE	 -	1	1-22-2					
Туре В МН	EA	\$1,652.00	18.0	\$29,73	\$5,94	7		
Type B Saddle MH	EA	\$1,921.00						
The second with	T	1						
84" Outlet Structure	EA	\$18,000.00	1.0	\$18,00	\$3,60	0		
78" Outlet Structure	EA	\$18,000.00						
72" Outlet Structure	EA	\$18,000.00		0 \$18,00	\$3,60	0		
33" Outlet Structure	EA	\$1,570.00						
27" Outlet Structure	EA	\$1,570.00) [1	1	1		

Appendix A

					Draina	ge Fees		4
,			, ,	Zone 11A I	ee	Su	pplementa	l Fee
Drainage and Flood Control Facilities	Units	Unit Cost	Quant.	Fac. Cost				
Revegetation	OF.	50.10	ļ	ļ				<u> </u>
For Laguna Creek Channel Sheldon to 600' d/s of UL45 (6,000 LF @123 SF/LF) For Laguna Creek Channel 600' d/s of UL45 to Waterman (3,000 LF @123 SF/L)	SF SF	\$0.10 \$0.10	ļ	ļ				
For Eaguna Creek Chamier 600 des of OE45 to Waterman (5,000 EF (#)125 SF/E	Sr	30.10	 	 				ļ
For Laguna Creek Channel CCTRR to Bradshaw (3,000 LF @113 SF/LF)	SF	\$0.10	 	 				
For Laguna Creek Channel Bradshaw to Calvine (4,800 LF @113 SF/LF)	SF	\$0.10						
For Laguna Creek Channel Calvine to Sheldon (7,000 LF @113 SF/LF)	SF	\$0.10						
For Gerber Creek Channel Vineyard to Gerber #2 (5,300 LF @36 SF/LF))	SF	\$0.10	ļ	 				
Tol Gerber Creek Chamier vineyand to Gerber #2 (3,300 Er (250 SI/Er))	Sr .	30.10		<u> </u>				
For Laguna Creek Channel Vineyard to CCTRR (2,000 LF @93 SF/LF)	SF	\$0.10						
ccess Roads								
For Laguna Creek Channel Sheldon to 600' d/s of UL45	LF	\$22.00						
For Laguna Creek Channel 600' d/s of UL45 to Waterman	LF	\$22.00						
F-1 C -1 Ch 1 CCTPP A- P-11	,,-	522.60	!					
For Laguna Creek Channel CCTRR to Bradshaw (one side)	LF LF	\$22.00 \$22.00	}	<u> </u>				
For Laguna Creek Channel Bradshaw to Calvine (one side) For Laguna Creek Channel Calvine to Sheldon (one side)	LF LF	\$22.00	 	 				
1 of Laguila Cites Chamer Caville to Suction (one suc)	111	\$22.00						
For Gerber Creek Channel Vineyard to Gerber #2 (one side)	LF	\$22.00						
For Laguna Creek Channel Vineyard to CCTRR (one side)	LF	\$22.00	<u> </u>					
For Laguna Greek Chamier vineyand to CCTAA (one side)	LF	\$22.00						
Vetlands Mitigation (within Drainage Easement/ROW)								
For Laguna Creek Channel Waterman to Sheldon (9,000 LF @123 SF/LF)	SF	\$0.60				ļ		
For Laguna Creek Channel CCTRR to Bradshaw (3,000 LF @113 SF/LF)	SF	\$0.60	l		 	 		
For Laguna Creek Channel Bradshaw to Calvine (4,800 LF @113 SF/LF)	SF	\$0.60			1			
For Laguna Creek Channel Calvine to Sheldon (7,000 LF @113 SF/LF)	SF	\$0.60						
For Gerber Creek Channel Vineyard to Gerber #2 (5,300 LF)	LF	\$45.00						
For Laguna Creek Channel Vineyard to CCTRR (2,000 LF @93 SF/LF)	SF	\$0.60	ļ			ļ		
iant Garder Snake Mitigation (200 ft. buffer on both sides of channel)			 			 		
Kalwani Basin (500 LF of channel)	AC	\$15,000.00				4.60	\$69,000	\$13,800
Sheldon Road to Bond Road (7,000 LF)	AC	\$15,000.00						<u> </u>
Sheldon Road to CCTRR (700 LF)	AC	\$15,000.00				ļ		
CCTRR Vineyard (1,350 LF)	AC	\$40,000.00	 			 	ļ	
TOTAL			 	\$3,467,404	5693,481	-	\$1,232,753	\$246,551
hase 1 Facility Costs				1				
Total Zone 11A and Supplemental Fees including 20% contingency					\$4,160,885			\$1,479,303
еуерие			ļ			ļ		
Acres in Phase 1			 	 	791 acres		ļ	349 acre
Cumulative Area through Phase 1			 		791 acres		 	349 201
Fee Revenue - Zone 11A (from figure 9)			 	-	33,093,200	'	-	\$4,845,26
Fee Revenue - Supplemental (\$13,883.23 per acre) ⁵			 	ļ	ļ	-	-	34,643,20
urplus/Deficit for Phase 1						ļ		
Zone 11A			ļ		\$1,534,315		ļ	£2.265.05
Supplemental					-	 		\$3,365,95
urplus/Deficit Cumulative through Phase 1								
Zone 11A				ļ	\$1,534,315	ļ	ļ	\$3,365,95
Supplemental			<u> </u>	 	ļ	 	 	33,303,95
otes								

² Triangle Rock Basin will be constructed and paid for by others.
3 Assumes land is acquired as part of Basins UI.45 and G-45, and basin volumes based on 125% of SATO curve 50% impervious 1.048 acres.
4 1.445 acres pay Zone 11A fees. 1,003 acres pay supplemental fees. 442 acres (1.445-1,003) pay only Zone 11A fees due to existing entitlements and are included in Phase 1.
5 Supplemental fee per acre = \$13,924,921 / 1,003 acres = \$13,883.23 per acre.

					Draina	ge Fees		
	·		7	one 11A F	ee		plementa	
Drainage and Flood Control Facilities	Units	Unit Cost	Quant.	Fac. Cost	20% Cont.	Quant.	Fac. Cost	20% Cont
isins ² (total excavation and export cost estimated at \$8.00/cy)								
Ull 45 Construction Supplemental (1AF = 1613.3cy @ \$4.30/cy = \$6,937/AF)	AC-FT	\$6,937.19						
UL45 Construction Zone 11A (1AF = 1613.3cy @ \$3.70/cy = \$5969/AF)	AC-FT	\$5,969.33						
UL45 Land Acquisition	AC	\$35,000.00						_
UL45 - 100' Additional Easement for construction/fill/levees (2,150 LF)	AC	\$15,000.00						
Triangle Rock	LS	\$1,000,000.00						
G-45 ConstructionZone (all scraper dirt)	AC-FT	\$5,969.33						
G-45 Land Acquisition	AC	\$30,000.00						<u> </u>
			17.00	\$101,976	\$20,395			
Water Quality Basins Zone 11A 3	AC-FT	\$5,969.33	17,08	\$101,970	\$20,393	17.00	\$118,510	\$23,70
Water Quality Basins Supplemental 3	AC-FT	\$6,937.19	1.00	\$100,000	\$20,000	17.00	3110,510	923,70
Water Quality Basin inlet/outlet works	Basins	\$100,000.00	1.00	\$100,000	\$20,000		 	
							 	
hannel Improvements (assume avg \$8.00/cy)	 		 				<u> </u>	1.
Laguna Creek-Waterman to Sheldon (Bottom Width 75)	AC	\$15,000.00	l		l	15.00	\$225,000	\$45,00
145' Easement Acquisition-Sheldon to 600' d/s of UL45 (4,500 LF)	AC	\$15,000.00	-			10.33		
100' Additional Easement-Sheldon to Waterman (4,500 LF) Channel Construction Zone 11A Sheldon to 600' d/s of UL45 (6,000 LF)	CY	\$3,70	177000.00	\$654,900	\$130,980			
Channel Construction Zone 11A Sheldon to 600' d/s of UL45 (6,000 LF) Channel Construction Supplemental Sheldon to 600' d/s of UL45 (6,000 LF)	CY	\$4.30				177000.00	\$761,100	\$152,22
Channel Construction Supplemental Sheldon to 600 th Stri CL43 (6,000 Er) Channel Construction Zone 11A 600' d/s of UL45 to Waterman (3,000 LF)	CY	\$3.70	77000.00	\$284,900	556,980			
Channel Construction Supplemental 600' d/s of UL45 to Waterman (3,000 LF)		\$4.30				77000.00	\$331,100	\$66,22
Chamit, Constitution Supplements								
Laguna Creek-Sheldon to CCTRR (BW 65')								
135' Easement-CCTRR to Bradshaw (3,000 LF)	AC	\$40,000.00				ļ	4	-
135' Easement-Bradshaw to Calvine (4,800 LF)	AC	\$15,000.00			ļ	 	 	
135' Easement-Calvine to Sheldon (7,000 LF)	AC	\$15,000.00				 	 	
100' Additional Easement-CCTRR to Bradshaw (3,000 LF)	AC	\$40,000.00				 	-	
100' Additional Easement-Bradshaw to Sheldon (11,800 LF)	AC	\$15,000.00		<u> </u>	ļ	 	 	
			ļ	ļ	ļ		 	
Channel Construction Zone 11A CCTRR to Bradshaw (3,000 LF)	CY	\$3.70		-	-	 	+	
Channel Construction Supplemental CCTRR to Bradshaw (3,000 LF)	CY	\$4.30			 	1	-	
Channel Construction Zone 11A Bradshaw to Calvine (4,800 LF)	CY	\$3.70		 				1
Channel Construction Supplemental Bradshaw to Calvine (4,800 LF)	CY	\$4.30 \$3.70		-	-	 		
Channel Construction Zone 11A Calvine to Sheldon (7,000 LF)	CY	\$4.30		 	<u> </u>	1		
Channel Construction Supplemental Calvine to Sheldon (7,000 LF)	+	- 34.50	1		İ	1		
Gerber Creek	1	 						
Gerber Creek-Channel Construction Zone 11A Vineyard to Gerber #2	CY	\$3.70						
Gerber Creek-Channel Construction Supplemental Vineyard to Gerber #2	CY	\$4.30						
					-			
Laguna Creek-Vineyard to CCTRR (BW 45')					 			
115' R/W Acquisition-Vineyard to CCTRR (2,000 LF)	AC	\$40,000.00		-			_	
100' Additional Easement-Vineyard to CCTRR (2,000 LF)	AC	\$40,000.00			- 			
Channel Construction Vineyard to CCTRR (2,000 LF)	CY	\$3.70					-	
	CY	\$4.30	<u> </u>		1		 	
torm Drain	+-,-	£160.00			+	 	 	
84" RCP	LF 1.E	\$150.00 \$140.00		+	1	 	1	
78" RCP	LF LF	\$140.00		551,600	\$10,320	7		
72" RCP	LF LF	\$119.00	_	23,000	1,			
66" RCP	LF	\$114.00		\$148,200	\$29,640)		
60° RCP	LF	\$91.00						
54" RCP	LF	\$71.00)		
48° RCP	LF	\$62.00			\$3,47	2		
42" RCP 39" RCP	LF	\$62.00		\$23,250	\$4,65	0		
39" HDPE	LF	\$62.00						
36" HDPE	LF	\$54.00			-			
33" HDPE	LF	\$52.00	500.0	0 \$26,000	\$5,20	0		
30" HDPE	LF	\$46.00		_i				
27° HDPE	LF	\$42.00		1	!			
24" HDPE	LF	\$41.00					-	
						.		
Туре В МН	EA	\$1,652.00						_
Type B Saddle MH	EA	\$1,921.00	10.0	0 \$19,21	0 \$3,84	4	-	
								_
84" Outlet Structure	EA	\$18,000.00						
78" Outlet Structure	EA	\$18,000.00		0 \$18,00	0 \$3,60	<u> </u>		
72" Outlet Structure	EA	\$18,000.00		0		4	-	
33" Outlet Structure	EA	\$1,570.00		0 \$1,57	0 \$31			_
	EA	\$1,570.00	3.4	1	1		1	3

Appendix A

					Draina	ge Fees		
]		7	Cone 11A F	ee	Sur	plemental	Fee
Drainage and Flood Control Facilities	Units	Unit Cost			20% Cont.			20% Cont
Revegetation	1							
For Laguna Creek Channel Sheldon to 600' d/s of UL45 (6,000 LF @123 SF/LF)		\$0.10		\$73,800	\$14,760			
For Laguna Creek Channel 600' d/s of UL45 to Waterman (3,000 LF @123 SF/L	SF SF	\$0.10	369000.00	\$36,900	\$7,380			
For Laguna Creek Channel CCTRR to Bradshaw (3,000 LF @113 SF/LF)	SF	\$0.10						
For Laguna Creek Channel Bradshaw to Calvine (4,800 LF @113 SF/LF)	SF	\$0.10						
For Laguna Creek Channel Calvine to Sheldon (7,000 LF @113 SF/LF)	SF	\$0.10	 					
For Gerber Creek Channel Vineyard to Gerber #2 (5,300 LF @36 SF/LF))	SF	\$0.10						
For Laguna Creek Channel Vineyard to CCTRR (2,000 LF @93 SF/LF)	SF	\$0.10						
Access Roads	-		 					
For Laguna Creek Channel Sheldon to 600' d/s of UL45	LF	\$22.00	. 6000.00	\$132,000	\$26,400			
For Laguna Creek Channel 600' d/s of UL45 to Waterman	LF	\$22.00			\$13,200			
For Laguna Creek Channel CCTRR to Bradshaw (one side)	LF	\$22.00						
For Laguna Creek Channel Bradshaw to Calvine (one side)	LF	\$22.00						
For Laguna Creek Channel Calvine to Sheldon (one side)	LF	\$22.00						
For Gerber Creek Channel Vineyard to Gerber #2 (one side)	LF	\$22.00						
For Laguna Creek Channel Vineyard to CCTRR (one side)	LF	\$22.00						
 Wetlands Mitigation (within Drainage Easement/ROW)	 		 					
For Laguna Creek Channel Waterman to Sheldon (9,000 LF @123 SF/LF)	SF	\$0.60	1			1107000.00	\$664,200	\$132,840
For Laguna Creek Chaimer Waterman to Sheldon (5,000 LP (@123 S17LL)	31	30.00	1				3007,200	
For Laguna Creek Channel CCTRR to Bradshaw (3,000 LF @113 SF/LF)	SF	\$0.60						
For Laguna Creek Channel Bradshaw to Calvine (4,800 LF @113 SF/LF)	SF	\$0.60						
For Laguna Creek Channel Calvine to Sheldon (7,000 LF @113 SF/LF)	SF	\$0.60						
For Gerber Creek Channel Vineyard to Gerber #2 (5,300 LF)	LF	\$45.00						
For Laguna Creek Channel Vineyard to CCTRR (2,000 LF @93 SF/LF)	SF	\$0.60	 				ļ	
Giant Garder Snake Mitigation (200 ft. buffer on both sides of channel)	 		 					
Kalwani Basin (500 LF of channel)	AC	\$15,000.00						
Sheldon Road to Bond Road (7,000 LF)	AC	\$15,000.00				64.30	\$964,500	\$192,90
Sheldon Road to CCTRR (700 LF)	AC	\$15,000.00						
CCTRR Vineyard (1,350 LF)	AC	\$40,000.00				ļ		
		<u> </u>		\$1,836,622	5367,324	 	53,219,369	\$643,87
TOTAL	+	 	 	121,836,622	2307,324	 	33,219,309	3043,07
Phase 2 Facility Costs Total Zone 11A and Supplemental Fees including 20% contingency	+	 	1		\$2,203,947	}	 	\$3,863,24
Revenue	+			<u> </u>				
Acres in Phase 2					270 acres	5		270 acr
Cumulative Area through Phase 2					1,061 acres			619 acr
Fee Revenue - Zone 11A (from figure 9)				<u> </u>	\$1,944,000			
Fee Revenue - Supplemental (\$13,883.23 per acre) ⁵			-	<u> </u>			-	53,748,48
Surplus/Deficit for Phase 2	ļ	 	1	i				<u> </u>
Zone 11A	1	1			(\$259,947)		
Supplemental								(\$114,76
Surplus/Deficit Cumulative through Phase 2	 	 	-	 	 	+	 	
Zone 11A	+				\$1,274,369			
Supplemental	1		1			T	1	\$3,251,19
Notes	-	 	1		1	i	1	1

¹ Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10,960 per acre plus 20%. Actual fee per lot varies depending on the buildout density of the subdivisions. Wildhawk Estate East is paying \$4,173.52 per lot and Wildhawk Estate West is paying \$3,115.30 per lot.

Windows East Last's paying 34,7152 pcs in our Windows East West is paying 34,7152 pcs in the Windows East West is paying 34,7152 pcs in the Windows East West is paying 34,7152 pcs in the Windows East West is paying 34,7152 pcs in the Windows East West is paying 34,7152 pcs in the Windows East West Is payin

					Draina	ge Fees		
				Cone 11A F			plementa	
Drainage and Flood Control Facilities	Units	Unit Cost	Quant.	Fac. Cost	20% Cont.	Quant.	Fac. Cost	20% Cont
asins2 (total excavation and export cost estimated at \$8.00/cy)								
UI 45 Construction Supplemental (1AF = 1613.3cy @ \$4.30/cy = \$6,937/AF)	AC-FT	\$6,937.19						
UL45 Construction Zone 11A (1AF = 1613.3cv @ \$3.70/cy = \$5969/AF)	AC-FT	\$5,969.33						
ULA5 Land Acquisition	AC	\$35,000.00						
UL45 - 100' Additional Easement for construction/fill/levees (2,150 LF)	AC	\$15,000.00						
Triangle Rock	LS	\$1,000,000.00						
G-45 ConstructionZone (all scraper dirt)	AC-FT	\$5,969.33						
G-45 Land Acquisition	AC	\$30,000.00	ļ					
					500 205			
Water Quality Basins Zone 11A 3	AC-FT	\$5,969.33	17.08	\$101,976	\$20,395			503.50
Water Quality Basins Supplemental 3	AC-FT	\$6,937.19				17.08	\$118,510	\$23,70
Water Quality Basin inlet/outlet works	Basins	\$100,000.00	1.00	\$100,000	\$20,000			
								-
hannel Improvements (assume avg \$8.00/cy)								
Laguna Creek-Waterman to Sheldon (Bottom Width 75')			ļ		ļ			
145' Easement Acquisition-Sheldon to 600' d/s of UL45 (4,500 LF)	AC	\$15,000.00	 		-	 		
100' Additional Easement-Sheldon to Waterman (4,500 LF)	AC	\$15,000.00	 			 		
Channel Construction Zone 11A Sheldon to 600' d/s of UL45 (6,000 LF)	CY	\$3.70	<u> </u>			 		
Channel Construction Supplemental Sheldon to 600' d/s of UL45 (6,000 LF)	CY	\$4.30 \$3.70	 	 	 	1		1
Channel Construction Zone 11A 600' d/s of UL45 to Waterman (3,000 LF)	CY	\$4.30	,		 	1		1
Channel Construction Supplemental 600' d/s of UL45 to Waterman (3,000 LF)	LI.	34.30	 	 		1		T
C. 1 Cl. 11 CCTPP (DW 65)	 	 	 	 		1		
Laguna Creek-Sheldon to CCTRR (BW 65')	AC	\$40,000.00	1	<u> </u>		9.30	\$372,000	\$74,40
135' Easement-CCTRR to Bradshaw (3,000 LF) 135' Easement-Bradshaw to Calvine (4,800 LF)	AC	\$15,000.00	1	1		14.90	\$223,500	\$44,7
135' Easement-Bradshaw to Calvine (4,800 Lf) 135' Easement-Calvine to Sheldon (7,000 LF)	AC	\$15,000.00				21.70	\$325,500	
100' Additional Easement-CCTRR to Bradshaw (3,000 LF)	AC	\$40,000.00	1			6.89		
100' Additional Easement-Bradshaw to Sheldon (11,800 LF)	AC	\$15,000.00				27.09	\$406,336	\$81,2
100 Additional Easthern-Diagnatic to Carlotte (11)000 D.)	1						<u> </u>	
Channel Construction Zone 11A CCTRR to Bradshaw (3,000 LF)	CY	\$3.70	79200.00	\$293,040	\$58,608		<u> </u>	<u> </u>
Channel Construction Supplemental CCTRR to Bradshaw (3,000 LF)	CY	\$4.30			<u> </u>	79200.00	\$340,560	\$68,1
Channel Construction Zone 11A Bradshaw to Calvine (4,800 LF)	CY	\$3.70	126720.00	\$468,864	\$93,773		ļ	
Channel Construction Supplemental Bradshaw to Calvine (4,800 LF)	CY	\$4.30				126720.00	\$544,896	\$108,9
Channel Construction Zone 11A Calvine to Sheldon (7,000 LF)	CY	\$3.70	184800.00	\$683,760	\$136,752		1	
Channel Construction Supplemental Calvine to Sheldon (7,000 LF)	CY	\$4.30				184800.00	\$794,640	\$158,9
			ļ			 	-	-
Gerber Creek	<u> </u>				\$29,600		 	+
Gerber Creek-Channel Construction Zone 11A Vineyard to Gerber #2	CY	\$3.70		\$148,000	329,600	40000.00	\$172,000	\$34,4
Gerber Creek-Channel Construction Supplemental Vineyard to Gerber #2	CY	\$4.30	 	 	 	40000.00	2112,000	
	ļ		 	+	 	 	<u> </u>	
Laguna Creek-Vineyard to CCTRR (BW 45')	1.0	\$40,000.00	-	 	+		1	—
115' R/W Acquisition-Vineyard to CCTRR (2,000 LF)	AC	\$40,000.00		+	 			
100' Additional Easement-Vineyard to CCTRR (2,000 LF)	CY	\$3.70	-	+			i	
Channel Construction Vineyard to CCTRR (2,000 LF)	CY	\$4.30		 	1			
	C1	1 34.50	1	1	-		1	
torm Drain	LF	\$150.00		-	1			
84" RCP	LF	\$140.00		1	1			
78" RCP 72" RCP	LF	\$129.00						
66° RCP	LF	\$119.00						
60" RCP	LF	\$114.00		I				
54" RCP	LF	\$91.00						
48" RCP	LF	\$71.00						
42° RCP	LF	\$62.00						
39" RCP	LF	\$62.00					-	
39" HDPE	LF	\$62.00						
36" HDPE	LF	\$54.00					4	
33" HDPE	LF	\$52.00						
30" HDPE	LF	\$46.00					-	
27" HDPE	LF	\$42.00		\$16,800	\$3,36	J		_
24" HDPE	LF	\$41.00	4	-			+	-
						,		+
Туре В МН	EA	\$1,652.00		\$4,956	\$ \$99		-	
Type B Saddle MH	EA	\$1,921.00					+	
				-		-	-	+
84" Outlet Structure	EA	\$18,000.00			-	-		
78" Outlet Structure	EA	\$18,000.00					+	
	EA	\$18,000.00) [
72" Outlet Structure					1		1	
72" Outlet Structure 33" Outlet Structure	EA EA	\$1,570.00 \$1,570.00		\$1,570	531			

Appendix A Vineyard Springs Comprehensive Plan

Summary of Drainage Fees Versus Estimated Cost for Phase 3

Units) SF SF SF SF SF SF	\$0.10 \$0.10 \$0.10 \$0.10 \$0.10	ZQuant. 339000.00 542400.00 791000.00 190800.00	\$33,900 \$54,240 \$19,080	\$6,780 \$10,848 \$15,820 \$3,816	Supj Quant. F	olemental ac. Cost 2	Fee 0% Cont
SF SF SF SF SF SF	\$0.10 \$0.10 \$0.10 \$0.10 \$0.10 \$0.10	Quant. 339000.00 542400.00 791000.00	\$33,900 \$54,240 \$79,100	\$6,780 \$10,848 \$15,820	Quant. F	ac. Cost 2	0% Cont
SF SF SF SF SF SF	\$0.10 \$0.10 \$0.10 \$0.10 \$0.10 \$0.10	339000.00 542400.00 791000.00	\$33,900 \$54,240 \$79,100	\$6,780 \$10,848 \$15,820			
SF SF SF SF	\$0.10 \$0.10 \$0.10 \$0.10 \$0.10	542400.00 791000.00	\$54,240 \$79,100	\$10,848 \$15,820			
SF SF SF SF	\$0.10 \$0.10 \$0.10 \$0.10 \$0.10	542400.00 791000.00	\$54,240 \$79,100	\$10,848 \$15,820			
SF SF SF SF	\$0.10 \$0.10 \$0.10 \$0.10	542400.00 791000.00	\$54,240 \$79,100	\$10,848 \$15,820			
SF SF SF	\$0.10 \$0.10	542400.00 791000.00	\$54,240 \$79,100	\$10,848 \$15,820			
SF SF SF	\$0.10 \$0.10	542400.00 791000.00	\$79,100	\$15,820			
SF SF SF	\$0.10 \$0.10	791000.00					
SF SF	\$0.10			\$3,816			
SF		190800.00	\$19,080	\$3,816			
SF							
	\$0.10						
15							
1							
	\$22.00			1			
	\$22.00	 					
LF	\$22.00	 					
+	£22.00	3000 00	\$66,000	\$13,200		•	
				\$21,120			
Lr_	\$22.00	7000.00	2131,000				
-	\$22.00	5300.00	\$116,600	\$23,320			
— ——							
- TF	\$22.00						
							
SE	\$0.60						
SF	\$0.60						\$40,6
	\$0.60						\$65,0
							\$94,9
					5300.00	\$238,500	\$47,7
	1						
				<u> </u>	<u> </u>		
AC				ļ			+
AC				ļ	6.40	106 000	\$19,
AC					0.40	\$50,000	+
AC	\$40,000.00)		 	<u> </u>	 	+
			155 165 006	5402 177		\$4 011 365	\$982,
			\$2,465,886	3493,177	+	1 34,511,505	+ = = = = = = = = = = = = = = = = = = =
				52,959,063	 	 	\$5,893,
			i	1 32,523,032			1
		1	1	172 acre	s		172 2
		+	1				791 2
		1	+				
		1					\$2,387,
		1	+				Ţ
				(61 500 555		 	+
				(31,720,663	4	+	(\$3,505
			-	+	-	1	1 1
						<u> </u>	1
			-	(5446.794	0	1	1
				(2770,2)	4	1	(\$254
		-	-	-		1	
	AC AC	LF \$22.00 LF \$22.00 LF \$22.00 LF \$22.00 SF \$0.60 SF \$0.60 SF \$0.60 SF \$0.60 AC \$15,000.00 AC \$15,000.00 AC \$15,000.00	LF \$22.00 4800.00 LF \$22.00 7000.00 LF \$22.00 5300.00 LF \$22.00 5300.00 SF \$0.60 SF \$0.60 LF \$45.00 SF \$0.60 AC \$15,000.00 AC \$15,000.00 AC \$15,000.00	LF \$22.00 4800.00 \$105,600 LF \$22.00 7000.00 \$154,000 LF \$22.00 5300.00 \$116,600 LF \$22.00 5300.00 \$116,600 SF \$0.60 SF \$0.60 SF \$0.60 SF \$0.60 LF \$45.00 SF \$0.60 SF \$0.60 AC \$15,000.00 AC \$15,000.00 AC \$15,000.00 AC \$40,000.00	LF	LF 522.00 4800.00 5105,600 521,120 LF 522.00 7000.00 5154,000 530,800 LF 522.00 5300.00 5116,600 523,320 LF 522.00 5300.00 5116,600 523,320 SF 50.60 542400.00 SF 50.60 791000.00 SF 50.60 542400.00 SF 50.60 542400.00 AC 515,000.00 5500.00 5300.00 5300.00 AC 515,000.00 524,600 5300.00 640 AC 515,000.00 524,65,886 5493,177 S7,959,063 172 acres 1,233 acres 51,238,400 (\$1,720,663) (\$1,720,663)	LF \$22.00

Notes

1 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10,960 per acre plus 20%. Actual fee per lot varies depending on the buildout density of the subdivisions.

Wildhawk Estate East is paying \$4,173.52 per lot and Wildhawk Estate West is paying \$3,115.30 per lot.

2 Triangle Rock Basin will be constructed and paid for by others.

3 Assumes land is acquired as part of Basins UL45 and G-45, and basin volumes based on 125% of SATO curve 50% impervious 1,048 acres.

4 1,445 acres pay Zone 11A fees. 1,003 acres pay supplemental fees. 442 acres (1,445-1,003) pay only Zone 11A fees due to existing entitlements and are included in Phase 1.

5 Supplemental fee per acre = \$13.924,921 / 1,003 acres = \$13.883.23 per acre.

			Drainage Fees							
			Zone 11A Fee Quant. Fac. Cost 20% Cont			Su	l Fee			
Drainage and Flood Control Facilities	Units	Unit Cost	Quant.	Fac. Cost	20% Cont.	Quant.	Fac. Cost	20% Cont.		
asins ² (total excavation and export cost estimated at \$8.00/cy)										
111.45 Construction Supplemental (1AF = 1613.3cv @ \$4.30/cy = \$6,937/AF)	AC-FT	\$6,937.19				<u> </u>	<u> </u>			
UL45 Construction Zone 11A (1AF = 1613.3cy @ \$3.70/cy = \$5969/AF)	AC-FT	\$5,969.33					 			
111 45 1 and Acquisition	AC	\$35,000.00		·····			-			
UL45 - 100' Additional Easement for construction/fill/levees (2,150 LF)	AC	\$15,000,00				 	\$1,000,000	\$200,000		
Triangle Rock	LS AC-FT	\$1,000,000.00 \$5,969.33				1				
G-45 ConstructionZone (all scraper dirt)	AC-F1	\$30,000.00								
G-45 Land Acquisition	AC	\$30,000.00								
	AC-FT	\$5,969.33								
Water Quality Basins Zone 11A 3	AC-FT	\$6,937,19								
Water Quality Basins Supplemental 3	Basins	\$100,000.00						<u> </u>		
Water Quality Basin inlet/outlet works	1 20000	1					ļ	ļ		
hannel Improvements (assume avg \$8.00/cy)							_	 		
Laguna Creek-Waterman to Sheldon (Bottom Width 75')					-			+		
145' Easement Acquisition-Sheldon to 600' d/s of UL45 (4,500 LF)	AC	\$15,000.00						 		
100' Additional Easement-Sheldon to Waterman (4,500 LF)	AC	\$15,000.00		ļ	-	-	 			
Channel Construction Zone 11A Sheldon to 600' d/s of UL45 (6,000 LF)	CY	\$3,70			+	-				
Channel Construction Supplemental Sheldon to 600' d/s of UL45 (6,000 LF)	CY	\$4.30 \$3.70		-	+	1				
Channel Construction Zone 11A 600' d/s of UL45 to Waterman (3,000 LF)	CY	\$4.30		-	1	1				
Channel Construction Supplemental 600' d/s of UL45 to Waterman (3,000 LF	CY	1	1	1						
COTTRE (DW 650)	 		1							
Laguna Creek-Sheldon to CCTRR (BW 65') 135' Easement-CCTRR to Bradshaw (3,000 LF)	AC	\$40,000.00								
135' Easement-Bradshaw to Calvine (4,800 LF)	AC	\$15,000.00								
135' Fasement-Calvine to Sheldon (7,000 LF)	AC	\$15,000.00		<u> </u>						
100' Additional Fasement-CCTRR to Bradshaw (3,000 LF)	AC	\$40,000.00		 						
100' Additional Easement-Bradshaw to Sheldon (11,800 LF)	AC	\$15,000.00	1	-						
		\$3.70	1	+	-					
Channel Construction Zone 11A CCTRR to Bradshaw (3,000 LF)	CY	\$4.30		1						
Channel Construction Supplemental CCTRR to Bradshaw (3,000 LF)	CY	\$3.70								
Channel Construction Zone 11A Bradshaw to Calvine (4,800 LF) Channel Construction Supplemental Bradshaw to Calvine (4,800 LF)	CY	\$4.30								
Channel Construction Supplemental Blassiaw to Carrie (1,000 LF) Channel Construction Zone 11A Calvine to Sheldon (7,000 LF)	CY	\$3.7	0							
Channel Construction Supplemental Calvine to Sheldon (7,000 LF)	CY	54.3	0							
Chamer Constitution and pro-					_					
Gerber Creek					_					
Gerber Creek-Channel Construction Zone 11A Vineyard to Gerber #2	CY	\$3.7 \$4.3		-						
Gerber Creek-Channel Construction Supplemental Vineyard to Gerber #2	CY	54.3	<u> </u>	1	i					
ACTUR COW (FD			1							
Laguna Creek-Vineyard to CCTRR (BW 45') 115' R/W Acquisition-Vineyard to CCTRR (2,000 LF)	AC	\$40,000.0	0				30 \$212,00			
115' R/W Acquisition-Vineyard to CCTRR (2,000 LF) 100' Additional Easement-Vineyard to CCTRR (2,000 LF)	AC	540,000.0					.59 \$183,65	\$36,7		
Channel Construction Vineyard to CCTRR (2,000 LF)	CY	\$3.7	0 55200.0	0 \$204,24	10 \$40,8		.00 \$237,36	50 \$47,4		
Chamber Construction vincymore converse	CY	\$4.3	0		_	55200	.00 \$231,30	30 347,7		
Storm Drain				0 5320.74	50 \$45,7	50				
84" RCP	LF	\$150.0					_			
78" RCP	LF	\$140.0								
72" RCP	LF LF	\$129.0 \$119.0		\$77,50	******					
66" RCP	LF LF	\$114.0								
60" RCP	LF	\$91.0								
54" RCP	LF	\$71.0								
48" RCP	LF	\$62.0								
42" RCP 39" RCP	LF	\$62.0								
39" HDPE	LF	\$62.0				_				
36" HDPE	LF	\$54.0								
33" HDPE	LF	\$52.0		-						
30° HDPE	LF	\$46.0					_			
27" HDPE	LF	\$42.0				_				
24" HDPE	LF	\$41.0	N			_				
	EA	\$1,652.	20	_						
Туре В МН	EA EA	\$1,032.5		00 \$9,6	05 \$1,5	21				
Type B Saddle MH	+ EA	ر کرروی		1						
10000100	EA	\$18,000.	00 1.	00 \$18,0	000 \$3,0	500				
84" Outlet Structure	EA	\$18,000.								
78" Outlet Structure	EA	\$18,000.								
72" Outlet Structure	EA	\$1,570.								
22" Outlet Structure										
33" Outlet Structure 27" Outlet Structure	EA	\$1,570.								

			Drainage Fees							
				Zone 11A I	200	Su	Fee			
			0	Foo Cost	20% Cont.	Quant. Fac. Cost		20% Con		
Drainage and Flood Control Facilities	Units	Unit Cost	Quant.	rat. Cost	1070 Conta					
	-	60.10			-					
Trade of the state) SF	\$0.10 \$0.10								
For Laguna Creek Channel 600' d/s of UL45 to Waterman (3,000 LF @123 SF/	LI SF	30.10								
	SF	\$0.10								
For Laguna Creek Channel CCTRR to Bradshaw (3,000 LF @113 SF/LF)	SF	\$0.10								
F. J Carel Channel Bradshaw to Calvine (4.800 LF (a) 113 SF/LF)	SF	\$0.10								
For Laguna Creek Channel Calvine to Sheldon (7,000 LF @113 SF/LF)	- 31	2077								
20 1 200 I F (226 SEA F))	SF	\$0.10								
For Gerber Creek Channel Vineyard to Gerber #2 (5,300 LF @36 SF/LF))										
1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SF	\$0.10	186000.00	\$18,600	\$3,720		 			
For Laguna Creek Channel Vineyard to CCTRR (2,000 LF @93 SF/LF)							 			
								 		
ress Roads For Laguna Creek Channel Sheldon to 600' d/s of UL45	LF	\$22.00					+	-		
For Laguna Creek Channel 600' d/s of UL45 to Waterman	LF	\$22.00					-	 		
For Laguna Creek Channel 600 des of CD-5 to in attenue			<u> </u>			 	+	1		
For Laguna Creek Channel CCTRR to Bradshaw (one side)	LF	\$22.00								
For Laguna Creek Channel Bradshaw to Calvine (one side)	LF	\$22.00		-		1	1	1		
For Laguna Creek Channel Calvine to Sheldon (one side)	LF	\$22.00	<u> </u>			 		,		
For Laguna Creek Chamics Carross							-			
For Gerber Creek Channel Vineyard to Gerber #2 (one side)	LF	\$22.00	 	+		1				
			2000.0	0 \$44,00	\$8,800	1				
For Laguna Creek Channel Vineyard to CCTRR (one side)	LF	\$22.00	2000.0	344,00	-					
			 					<u> </u>		
etlands Mitigation (within Drainage Easement/ROW)		\$0.60	1							
For Laguna Creek Channel Waterman to Sheldon (9,000 LF @123 SF/LF)	SF	\$0.00								
	SF	\$0.60	1	1						
For Laguna Creek Channel CCTRR to Bradshaw (3,000 LF @113 SF/LF)	SF	\$0.60								
Training County Channel Bradshaw to Calvine (4,800 LF (a) 113 SFILE)	SF	\$0.6	-							
For Laguna Creek Channel Calvine to Sheldon (7,000 LF @113 SF/LF)	LF	\$45.0						0 \$22,3		
For Gerber Creek Channel Vineyard to Gerber #2 (5,300 LF)	SF	\$0.6	-			186000	.00 \$111,60	0 322,2		
For Laguna Creek Channel Vineyard to CCTRR (2,000 LF @93 SF/LF)										
2000 C. b. ff., on both sides of channel)										
iant Garder Snake Mitigation (200 ft. buffer on both sides of channel)	AC	\$15,000.0	0				_			
Kalwani Basin (500 LF of channel)	AC	\$15,000.0	0				_	-		
Sheldon Road to Bond Road (7,000 LF)	AC	\$15,000.0				-	.40 \$496,00	00 \$99,		
Sheldon Road to CCTRR (700 LF)	AC	\$40,000.0	0				2 12 43			
CCTRR Vineyard (1,350 LF)				5/01 5	95 \$138,31	0	52,240,61	15 5448.		
TOTAL			_	\$691,5	95 3136-21		1 /- /-			
Land Facility Costs					5829,91	4		52,688		
Total Zone 11A and Supplemental Fees including 20% contingency					3027,77	-				
Levenue					91 ac	res		91 :		
Acres in Phase 4					1,324 ac			882		
Cumulative Area through Phase 4			_		\$655,2					
Fee Revenue - Zone 11A (from figure 9)								\$1,263		
Fee Revenue - Supplemental (\$13,883.23 per acre) ⁵										
TECHNOLIC STOP			_	<u> </u>	_		!			
urplus/Deficit in Phase 4					(\$174,7	14)				
Zone 11A					1			(\$1,425		
Supplemental										
Surplus/Deficit Cumulative through Phase 4				1	(\$621,0	08)				
Zone 11A			_					(\$1,67		
Supplemental				- i				 		
Supplemental Notes	0.060	- nlus 20% Acr	ual fer per	ot varies der	ending on the	ouildout de	ensity of the su	ibdivisions.		
Under Interim Fee Agreement, supplemental drainage fee is calculated at \$1	u,you per ac	re plus 2076, AC 13 115 30 ner Int	per		-					
1 Wildhawk Estate East is paying \$4,173.32 per lot and whithawk Estate 195										
7 Triangle Pock Basin will be constructed and paid for by others.			curve 50%	mpervious 1	.048 acres.					
 Triangle Rock Basin will be constructed and paid for by others. Assumes land is acquired as part of Basins UL45 and G-45, and basin volum 1.445 acres pay Zone 11A fees. 1,003 acres pay supplemental fees. 442 ac 	res () AAS-1	003) pay only 7	ne 11A fee	due to exist	ing entitlement	s and are i	ncluded in Pha	15¢ 1.		
 4 1.445 acres pay Zone 11A fees. 1,003 acres pay supplemental fees. 442 ac 5 Supplemental fee per acre = \$13,924,921 / 1,003 acres = \$13,883,23 per acre 	103 (11110	,000, 00, 000, 00								

			Drainage Fees							
			Zone 11A F			ee	Supplementa		l Fee	
	Timite	Unit Cost	Qua	nt. F:	ac. Cost	20% Cont	Quant.	Fac. Cost	20% Cont.	
Drainage and Flood Control Facilities	Units	T Chir Cost		i						
ins ² (total excavation and export cost estimated at \$8.00/cy)	AC-FT	\$6,937.19		_						
UL45 Construction Zone 11A (1AF = 1613.3cy @ \$4.30/cy = \$6.937/AF) UL45 Construction Zone 11A (1AF = 1613.3cy @ \$3.70/cy = \$5969/AF)	AC-FT	\$5,969.33								
UL45 Construction Zone 11A (1AF = 1613.3cy @ 33.70/cy = 23.90/12)	AC	\$35,000.00								
UL45 Land Acquisition UL45 - 100' Additional Easement for construction/fill/levees (2,150 LF)	AC	\$15,000.00								
	LS	\$1,000,000.00				\$76,407				
Triangle Rock G-45 ConstructionZone (all scraper dirt)	AC-FT	\$5,969.33	-		\$382,037	\$76,800		,		
G-45 Land Acquisition	AC	\$30,000.00	—		\$384,000	370,800	12:0	1		
(4) Laid Adjustics			-			<u> </u>				
Water Quality Basins Zone 11A 3	AC-FT	\$5,969.33	7			-	 			
Water Quality Basins Supplemental ³	AC-FT	\$6,937.19		_			-			
Water Quality Basin inlet/outlet works	Basins	\$100,000.00	<u>'</u>			+				
	 					+				
nannel Improvements (assume avg \$8.00/cy)		 	+	-+					 '	
C 1 W to Sheldon (Hottom Width /2)	AC	\$15,000.00								
1451 Farment Acquisition-Sheldon to 600' d/s of UL43 (4,300 LF)	AC	\$15,000.00								
The control of the co	CY	\$3.70							+	
100' Additional Eastment-Sinciston Channel Construction Zone 11A Sheldon to 600' d/s of UL45 (6,000 LF) Channel Construction Supplemental Sheldon to 600' d/s of UL45 (6,000 LF)	CY	\$4.30							+	
2 11 A 600' d/s of 111 45 to Waterman 13,000 LF1	CY	\$3.70				-		-	-	
Channel Construction Supplemental 600' d/s of UL45 to Waterman (3,000 LF) CY	\$4.3	0							
Channel Construction Supplemental 500 Great										
Laguna Creek-Sheldon to CCTRR (BW 65)			_ -							
125' Encoment CCTRR to Bradshaw (3,000 LF)	AC	\$40,000.0								
135' Fasement-Bradshaw to Calvine (4,800 LF)	AC	\$15,000.0 \$15,000.0								
125) Exament Caloine to Sheldon (7,000 LF)	AC	\$40,000.0		-+						
100 Additional Easement CTRR to Bradshaw (3,000 LF)	AC AC	\$15,000.0								
100' Additional Easement-Bradshaw to Sheldon (11,800 LF)	+ AC	\$10,000.0								
D 11 (2 000 LF)	CY	\$3.7	70							
Channel Construction Zone 11A CCTRR to Bradshaw (3,000 LF)	CY	\$4.3								
Channel Construction Supplemental CCTRR to Bradshaw (3,000 LF) Channel Construction Zone 11A Bradshaw to Calvine (4,800 LF)	CY	\$3.7	70						_	
Channel Construction Supplemental Bradshaw to Calvine (4,800 LF)	CY	54.								
Channel Construction Supplemental Distriction (7,000 LF) Channel Construction Zone 11A Calvine to Sheldon (7,000 LF)	CY	\$3.						_		
Channel Construction Supplemental Calvine to Sheldon (7,000 LF)	CY	\$4.	30			_				
Channel Consulction Supplement										
Gerber Creek		\$3.	70							
Construction 7 one 11 A Vineyard to Gerber #2	CY	\$4.								
Gerber Creek-Channel Construction Supplemental Vineyard to Gerber #2	CY		-							
			_							
Laguna Creek-Vineyard to CCTRR (BW 45')	AC	\$40,000	.00							
115' R/W Acquisition-Vineyard to CCTRR (2,000 LF)	AC									
100' Additional Easement-Vineyard to CCTRR (2,000 LF) Channel Construction Vineyard to CCTRR (2,000 LF)	CY	\$3	.70							
Channel Construction Vineyard to CCTRA (2,000 E.)	CY	54	.30				_			
D. J.										
Storm Drain 84" RCP	LF				 	_				
78" RCP	LF									
72" RCP	LF			650.00	\$77,	350 \$15	,470			
66° RCP	LF			1325.00			,210			
60" RCF	LF LF		.00		1					
54" RCF	LI		1.00							
48" RCP			2.00							
42" RCP	LI		2.00							
39° RCP	LI		2.00	600.00	\$37,	200 5	,440			
39" HDPE			4.00		<u> </u>					
36" HDPE	LI	\$50	2.00							
33" HDPE	LI	\$4	6.00							
30" HDPE	L		2.00							
27" HDPE 24" HDPE	L	54	1.00		-					
(Z4 1)L/I L				2.0	0 52	,304	\$661			
Туре В МН	E.			2.0 6.0			2,305			
Type B Saddle MH	E.	A \$1,92	1.00	6.0	118	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
17pt & Shirt Fire			000		-					
84" Outlet Structure	E				+					
78" Outlet Structure	E				1					
72" Outlet Structure	E									
33" Outlet Structure	E									
27" Outlet Structure	E	C 4, 130, 1					l			

			Drainage Fees							
		Unit Cost		Zone 11A F	ee	S	Fee			
	11		Quant.	Fac. Cost	20% Cont.	Quant.	Fac. Cost	20% Cont		
Drainage and Flood Control Facilities	Units		Quan.				l			
vegetation		\$0.10								
For Laguna Creek Channel Sheldon to 600' d/s of UL45 (6,000 LF @123 SF/LF)	SF SF	\$0.10								
For Laguna Creek Channel 600' d/s of UL45 to Waterman (3,000 LF @123 SF/L	3r	30.10								
A SOUTH OUTSER EX	SF	\$0.10								
For Laguna Creek Channel CCTRR to Bradshaw (3,000 LF @113 SF/LF)	SF	50.10								
For Laguna Creek Channel Bradshaw to Calvine (4,800 LF @113 SF/LF)	SF	\$0.10								
For Laguna Creek Channel Calvine to Sheldon (7,000 LF @113 SF/LF)	31									
1 C 1 42 (5 200 LE @26 CE/LE))	SF	\$0.10								
For Gerber Creek Channel Vineyard to Gerber #2 (5,300 LF @36 SF/LF))	 _							-		
COTTRE (2 DON LE QUE SEA E)	SF	\$0.10				<u> </u>		ļ		
For Laguna Creek Channel Vineyard to CCTRR (2,000 LF @93 SF/LF)	 "									
					1			 		
cress Roads	LF	\$22.00			1	 		 		
For Laguna Creek Channel Sheldon to 600' d/s of UL45 For Laguna Creek Channel 600' d/s of UL45 to Waterman	LF	\$22.00				1		 		
For Laguna Creek Channel 600 d/s 01 01.43 to Waterman					<u> </u>	 				
For Laguna Creek Channel CCTRR to Bradshaw (one side)	LF	\$22.00			ļ		4	-		
For Laguna Creek Channel CC1RR to Bradshaw (one side) For Laguna Creek Channel Bradshaw to Calvine (one side)	LF	\$22.00					+	+		
For Laguna Creek Channel Bradshaw to Carvine (one side) For Laguna Creek Channel Calvine to Sheldon (one side)	LF	\$22.00			-			+		
For Laguna Creek Channel Calvine to Shenon (one star)			1							
For Gerber Creek Channel Vineyard to Gerber #2 (one side)	LF	\$22.00						 		
For Gerber Creek Chamner vincyard to Gerber 12 (care tray)					 			-		
For Laguna Creck Channel Vineyard to CCTRR (one side)	LF	\$22.00	1				_			
For Laguna Creek Chainer vineyade to Gerra (day						-				
Vetlands Mitigation (within Drainage Easement/ROW)			1							
For Laguna Creek Channel Waterman to Sheldon (9,000 LF @123 SF/LF)	SF	\$0.60				-				
For Laguna Creek Chamber Waterings to State Chamber Waterings										
For Laguna Creek Channel CCTRR to Bradshaw (3,000 LF @113 SF/LF)	SF	\$0.60						-		
For Laguna Creek Channel Bradshaw to Calvine (4,800 LF @113 SF/LF)	SF	\$0.60								
For Laguna Creek Channel Calvine to Sheldon (7,000 LF @113 SF/LF)	SF	\$0.60			4					
Fr. Cost - Const Channel Vineyard to Gerber #2 (5,300 LF)	LF	\$45.00								
For Laguna Creek Channel Vineyard to CCTRR (2,000 LF @93 SF/LF)	SF	\$0.60								
			 							
Giant Garder Snake Mitigation (200 ft. buffer on both sides of channel)		# F F F F F F F F F F F F F F F F F F F								
Kalwani Basin (500 LF of channel)	AC	\$15,000.00 \$15,000.00								
Sheldon Road to Bond Road (7,000 LF)	AC	\$15,000.0								
Sheldon Road to CCTRR (700 LF)	AC	\$40,000.0								
CCTRR Vineyard (1,350 LF)	AC	\$40,000.0	<u> </u>							
				\$1,046,46	7 \$209,25	3		50		
TOTAL		_	+	1						
Phase 5 Facility Costs					\$1,255,76	51				
Total Zone 11A and Supplemental Fees including 20% contingency										
Revenue		_			121 ac	res		121 2		
Acres in Phase 5	_		1	İ	1,445 ac			1,003 a		
Cumulative Area through Phase 5	_		_		5871,2	00				
Fee Revenue - Zone 11A (from figure 9)								\$1,679,		
Fee Revenue - Supplemental (513,883.23 per acre) 5										
			-	- 						
Surplus/Deficit in Phase 5			_	1						
Zone 11A			-		(\$384,5	61)		\$1,679		
Supplemental		_	\dashv							
	_	_	\neg	i						
Surplus/Deficit Cumulative through Phase 5			1		(\$1,005,5	69)				
Zone 11A		-	1							
Supplemental				<u> </u>						
Notes 1 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10.	060 = :::	o plur 2004 Acr	ial fee ner	lot varies dep	ending on the	buildout d	ensity of the su	bdivisions.		
1 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10.	you per ac	2 115 20 per lot	an see per		-					
Wildhawk Estate East is paying \$4,173.52 per 101 and wildhawk Estate west	AC POLICE O									
2 Triangle Rock Basin will be constructed and paid for by others.			1170 50°/	innervious 1.	048 acres.					
2 Triangle Rock Basin will be constructed and paid for by others. 3 Assumes land is acquired as part of Basins UL.45 and G-45, and basin volume 1,445 acres pay Zone 11A fees. 1,003 acres pay supplemental fees. 442 acres	s based on	123% 01 SATO	ne IIA fee	s due to existi	ng entitlement	s and are	included in Pha	se 1.		
4 11 445 sound may 7 one 11 A fees 1.1013 acres Day supplicinguist ices. 442 acres	3 (1, 1, 12	(COS) pay only Zo	ne 1111 161							
5 Supplemental fee per acre = \$13,924,921 / 1,003 acres = \$13,883.23 per acre.										

					Total Estimated Cost	s + 20% Contigency
	Estimated				TOTAL ZONE 11A	TOTAL SUPPLEMENTAL
The Control Facilities	Quantity	Units	, Unit C	Cost	ZUNE IIA	so
Drainage and Flood Control Facilities					50	\$1,165,448
is (total excavation and export cost estimated at \$8.00/cy)	140.0	AC-FT		37.19		50
ss (total excavation and export cost estimated \$4.50/cy = \$6,937/AF) UL45 Construction Supplemental (1AF = 1613.3cy @ \$4.30/cy = \$6,937/AF)	140.0	AC-FT		69.33	\$1,002,848 \$1,806,000	50
UL45 Construction Zone 11A (1AF = 1613.3Cy (2) 33.707c)	43.0	AC		00.00	\$1,800,000	\$88,843
UL45 Land Acquisition (2 150 LF)	4.94	AC		00.00		\$1,200,000
UL45 - 100' Additional Easement for construction/fill/levees (2,150 LF)	1.0	LS	\$1,000,0		\$458,445	SO
Triangle Rock	64.0	AC-FT		969.33	\$460,800	\$0
G-45 ConstructionZone (all scraper dirt)	12.8	AC	\$30,0	00.00	\$460,860	\$0
G-45 Land Acquisition						\$0
	51.3	AC-FT	\$5,	969.33	\$367,114	\$426,637
Water Quality Basins Zone 11A 3	51.3	1		937.19	\$0	\$420,037
Water Quality Basins Supplemental	3.0			000.00	\$360,000	50
Water Quality Basin inlet/outlet works	3.0	Dasins			SO SO	\$0
					\$0	\$0
nnel Improvements (assume avg \$8.00/cy)	-	-			\$0	\$270,000
	15.0	0 AC	\$15	,000.000	\$0	\$185,950
The state of the s	10.33	_		,000.000	\$0	\$183,930
	177,000.0		1	\$3.70	\$785,880	\$913,320
	177,000.			\$4.30	\$0	\$913,320
	77,000.			\$3.70	5341,880	\$397,320
				\$4.30	\$0	\$0
Channel Construction Zone 11A 600 d/s of OL-3 to Waterman (3,000 LF Channel Construction Supplemental 600' d/s of UL-45 to Waterman (3,000 LF	4	T	1		\$0 \$0	\$0
		1			\$0	\$446,400
Laguna Creek-Sheldon to CCTRR (BW 65')	9	3 AC		0,000.00	\$0 \$0	\$268,200
135' Encement CCTRR to Bradshaw (3,000 LP)	14			5,000.00	\$0 \$0	\$390,600
125' Forement-Bradshaw to Calvine (4,800 LF)	21			5,000.00	\$0 \$0	\$330,579
Column to Sheldon (7,000 LF)	6.8			0,000.00	\$0	£ 107 602
135' Easement-Carvine to States (1) 100' Additional Easement-CCTRR to Bradshaw (3,000 LF)	27.0	09 AC	\$1	5,000.00	\$0	
100' Additional Easement-Bradshaw to Sheldon (11,800 LF)					\$351,648	
	79,200	0.0 CY		\$3.70	3331,048	
Channel Construction Zone 11A CCTRR to Bradshaw (3,000 LF)	79,200		7	\$4.30	\$562,637	
Channel Construction Supplemental CCTRR to Bradshaw (3,000 LF) Channel Construction Supplemental CCTRR to Bradshaw (3,000 LF)	126,720	0.0 CY		\$3.70	\$302,037	
Channel Construction Zone 11A Bradshaw to Calvine (4,800 LF) Channel Construction Zone 11A Bradshaw to Calvine (4,800 LF)	126,720	0.0 CY	7	\$4.30	\$820,512	
Channel Construction Supplemental Bradshaw to Calvine (4,800 LF) Channel Construction Supplemental Bradshaw to Calvine (7,000 LF)	184,800	0.0 CY		\$3.70	\$620,512	
Channel Construction Supplemental Color to Sheldon (7,000 LF) Channel Construction Zone 11A Calvine to Sheldon (7,000 LF)	184,80	0.0 C	<u> </u>	\$4.30	S	
Channel Construction Supplemental Calvine to Sheldon (7,000 LF)					S	3
				60.70	\$177,60	9
Gerber Creek-Channel Construction Zone 11A Vineyard to Gerber #2	40,00			\$3.70 \$4.30		5206,40
Gerber Creek-Channel Construction Supplemental Vineyard to Gerber #2	40,00	0.0 C	<u>Y</u>	34.30	S	0
Gerber Creek-Chaimer Consudence Consu					S	0
Laguna Creek-Vineyard to CCTRR (BW 45')			_ + -	40,000.00	3	0 \$254,4
to stand the stand of the stand				40,000.00		5220,3
100' Additional Easement-Vineyard to CCTRR (2,000 LF)				\$3.70		88
Channel Construction Vineyard to CCTRR (2,000 LF)	55,20		Y	54.30		\$284,8
Channel Consulation	55,20	00.01	Y	<u> </u>		50
torm Drain		75.0	F	\$150.00	\$571,5	30
84" RCP			F	\$140.0	\$109,2	
78" RCP			F	\$129.0	\$390,8	
78 RCP 72" RCP			LF L	\$119.0	592,8	
66" RCP			LF	\$114.0	0 \$468,5	
60" RCP			LF	\$91.0	0 \$27,3	
54" RCP			LF	\$71.0	0 \$63,9	
48" RCP			LF	\$62.0	\$35,7	
42" RCP			LF	\$62.0	527,5	
39" RCP			LF	\$62.0	544,6	
39" HDPE			LF	\$54.0	542,	
36" HDPE			LF	\$52.0	00 387,	
33" HDPE			LF	\$46.0	563,	
30" HDPE			LF	\$42.	5137,	
27" HDPE			LF	541.		
24" HDPE		700.0	~			\$0
		26	EA	\$1,652.	00 \$51,	
Туре В МН			EA	\$1,921.		
Type B Saddle MH						\$0
		2	EA	\$18,000.		200
84" Outlet Structure		1	EA	\$18,000.	00 \$21	,600
78" Outlet Structure			EA	\$18,000	.00 \$21	,600
72" Outlet Structure		-	EA	\$1,570	.00	,884
33" Outlet Structure		- il -	EA	\$1,570		,884
27" Outlet Structure	1				4	\$0

				Total Estimated Cost	
	Estimated	-		TOTAL	TOTAL
	Quantity	Units	Unit Cost	ZONE 11A	SUPPLEMENTAL
Drainage and Flood Control Facilities	Quantity			\$0	50
evegetation CO22 SEA F	738,000.0	SF	\$0.10	588,560	\$0
For Laguna Creek Channel Sheldon to 600' d/s of UL45 (6,000 LF @123 SF/LF			\$0.10	\$44,280	\$0
For Laguna Creek Channel 600' d/s of UL/45 to Waterman (3,000 LF @123 SF/L	309,000.0			50	\$0 \$0
(2 000 LT (0112 CEA E)	339,000.0	SF	\$0.10	\$40,680	30
For Laguna Creek Channel CCTRR to Bradshaw (3,000 LF @113 SF/LF)	542,400.0		\$0.10	\$65,088	50
For Laguna Creek Channel Bradshaw to Calvine (4,800 LF @113 SF/LF)	791,000.0		\$0.10	594,920	
For Laguna Creek Channel Calvine to Sheldon (7,000 LF @113 SF/LF)	12.1000			\$0	\$0
2001 F (2001 F (2001 F))	190,800.0	SF	\$0.10	\$22,896	50
For Gerber Creek Channel Vineyard to Gerber #2 (5,300 LF @36 SF/LF))	1,7010.5	1		\$0	
GOTTE (2.000 LE @03.5F/LE)	186,000.0	SF	\$0.10	\$22,320	<u>\$0</u>
For Laguna Creek Channel Vineyard to CCTRR (2,000 LF @93 SF/LF)				\$0	50
				\$0	50
ccess Roads	6,000.0	LF	\$22.00	\$158,400	\$0
For Laguna Creek Channel Sheldon to 600' d/s of UL45 For Laguna Creek Channel 600' d/s of UL45 to Waterman	3,000.0) LF	\$22.00	\$79,200 \$0	\$0
For Laguna Creek Channel 600 des of OLAS to Waterman					; S 0
For Laguna Creek Channel CCTRR to Bradshaw (one side)	3,000.6		\$22.00	\$79,200 \$126,720	\$0
For Laguna Creek Channel CCTRR to Bratshaw (one side) For Laguna Creek Channel Bradshaw to Calvine (one side)	4,800.		\$22.00	\$126,720 \$184,800	\$0
For Laguna Creek Channel Bradshaw to Carvine (one side) For Laguna Creek Channel Calvine to Sheldon (one side)	7,000.	0 LF	\$22.00	\$184,800	\$0
For Laguna Creek Channel Calvine to Sheldon (one staty)				\$139,920	\$0
For Gerber Creek Channel Vineyard to Gerber #2 (one side)	5,300.	0 LF	\$22.00	\$135,520	\$0
For Gerber Creek Channel Vineyard to Gerber #1 (one state)				\$52,800	\$0
For Laguna Creek Channel Vineyard to CCTRR (one side)	2,000.	0 LF	\$22.00	\$0	\$0
For Laguna Creek Chamber Valeyard to Correction				\$0	\$0
Wetlands Mitigation (within Drainage Easement/ROW)			1	1	\$797,040
For Laguna Creek Channel Waterman to Sheldon (9,000 LF @123 SF/LF)	1,107,000	.0 SF	\$0.60	\$0	\$0
			40.60		\$244,080
For Laguna Creek Channel CCTRR to Bradshaw (3,000 LF @113 SF/LF)	339,000		\$0.60		\$390,528
in 1 Carl Channel Bradshaw to Calvine (4,800 LF (0,113 SF/LF)	542,400		\$0.60		
For Laguna Creek Channel Calvine to Sheldon (7,000 LF @113 SF/LF)	791,000		\$0.60		
2 1 C 3 C 3 C 3 C 3 C 3 C 3 C 3 C 3 C 3 C	5,300		\$45.00		
For Laguna Creek Channel Vineyard to CCTRR (2,000 LF @93 SF/LF)	186,000	.0 SF	\$0.60	SO	\$0
				\$0	\$0
Giant Garder Snake Mitigation (200 ft. buffer on both sides of channel)			\$15,000.00	60	\$82,800
Kalwani Basin (500 LF of channel)		.6 AC	\$15,000.00		\$1,157,400
Sheldon Road to Bond Road (7,000 LF)		1.3 AC			\$115,200
Sheldon Road to CCTRR (700 LF)		5.4 AC			\$595,20
CCTRR Vineyard (1,350 LF)		2.4 AC	340,000.0		
COTTO			TOTA	511,409,569	\$13,924,92
			1017	1	
				Facility Costs	
				Zone 11A	\$11,409,56
				Supplemental	\$13,924,92
				Tot	al \$25,334,49
				Revenue	
				Zone 11A	\$10,404,00
				Supplemental	\$13,924,92
	*			Tot	s24,328,9
				Balance	
				Zone 11A	(\$1,005,5
				Supplemental	61.005
				To	tal -\$1,005,
					
Notes 1 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10 Under Interim Fee Agreement, supplemental drainage fee is cal) non/	Associates nor los	varies depending on the build	lout density of the subdivisions.
1 Under Interim Fee Agreement, supplemental drainage fee is calculated at \$10	0,960 per acre j	olus 20%.	Actual fee per ioi	imics depending on the con-	-
Wildhowk Fetate Fast is paving 34,173.32 per lot and Wheneve Set	st is paying \$3,	115.30 per	101.		
The constructed and half for DV Ollicia.				servious 1.048 acres.	
Triangle Rock Basin will be constructed and paid for by others. Triangle Rock Basin will be constructed and paid for by others. Assumes land is acquired as part of Basins UL.43 and G-45, and basin volumed to the same statements of the same statements. Assume that the same statements are same statements. Triangle Rock Basin will be constructed and paid for by others. Assumes land is acquired as part of Basins UL.43 and G-45, and basin volumes. Assume that the same statements are same statements. Assume that the same statements are same statements. As a same statement of the same statements are same statements. As a same statem	nes based on 12	5% of SA	10 curve 50% im	to existing entitlements an	d are included in Phase 1.
3 Assumes tain is acquired as part or better 4 1,445 acres pay Zone 11A fees. 1,003 acres pay supplemental fees. 442 acr 5 Supplemental fee per acre = \$13,924,921 / 1,003 acres = \$13,883,23 per acr		3) pay only	y Zone IIA lees d	DE TO EXISTENCE CHARLES	