

Sources: ESRI World Topo, WRA | Prepared By: JSChuster, 10/26/2020

#### Figure 1. Study Area Location Map

City of Pleasanton Stream Maintenance Program Alameda County, California

0 0.5 1 Miles



Study Area Number	Study Area/Waterbody Name	Location Coordinates (Latitude)	Location Coordinates (Longitude)	Waterbody Connection
		Creeks		
C-01	Pimlico Canal	37.7011	-121.8663	Tassajara Creek
C-02	Pleasanton Canal	37.6787	-121.8941	Arroyo Mocho
C-03*	Foothill High School Trash			Arroyo de la Laguna
	Rack	37.6717	-121.9166	
C-04*	Bernal V-ditch	37.6583	-121.8897	Arroyo Valle
C-05*	Bernal North/ South V-ditch	37.6564	-121.8859	Mission Creek
C-06	Mission Creek Restoration			Mission Creek
	Project	37.6496	-121.89	
C-07*	Lower Kottinger Creek	37.6613	-121.8699	Kottinger Creek
C-08*	Upper Kottinger Creek	37.6586	-121.8614	Kottinger Creek
C-09	Touriga Creek	37.6581	-121.8537	Touriga Creek
C-10*	Junipero Canal	37.6503	-121.8852	Mission Creek
C-11*	Mission Park Creek	37.6495	-121.8719	Mission Creek
C-12*	Cemetery Creek	37.6461	-121.8807	Mission Creek
C-13*	Gold Creek	37.6867	-121.9289	Gold Creek
C-14*	Dublin Canyon Creek	37.6954	-121.9495	Dublin Creek
C-15	Stonedale Channel	37.6873	-121.9178	Gold Creek
C-16*	Arlington Creek	37.6392	-121.8816	Happy Valley Creek
C-17	Rutledge Place Culvert	37.6462	-121.867	Mission Creek
	, De	etention Ponds		
P-01	Stoneridge Pond	37.6971	-121.8528	Arroyo Las Positas/ Arroyo Mocho
P-06*	Oak Tree Farms Detention Pond	37.6243	-121.8852	Arroyo de la Laguna
		Non-jurisdiction	al Detention Por	nds
P-02*	Bernal Detention Pond Central	37.6499	-121.8928	
P-03	Canyon Oaks Detention Pond	37.6504	-121.8878	
P-04*	Bernal West Detention Pond	37.6435	-121.8965	
P-05	Callippe Detention Pond	37.6339	-121.8647	
P-07	Vineyard West Detention Pond	37.6644	-121.8364	
P-08*	Vineyard East Detention Pond	37.6591	-121.8253	

#### Table 1 Maintenance Areas

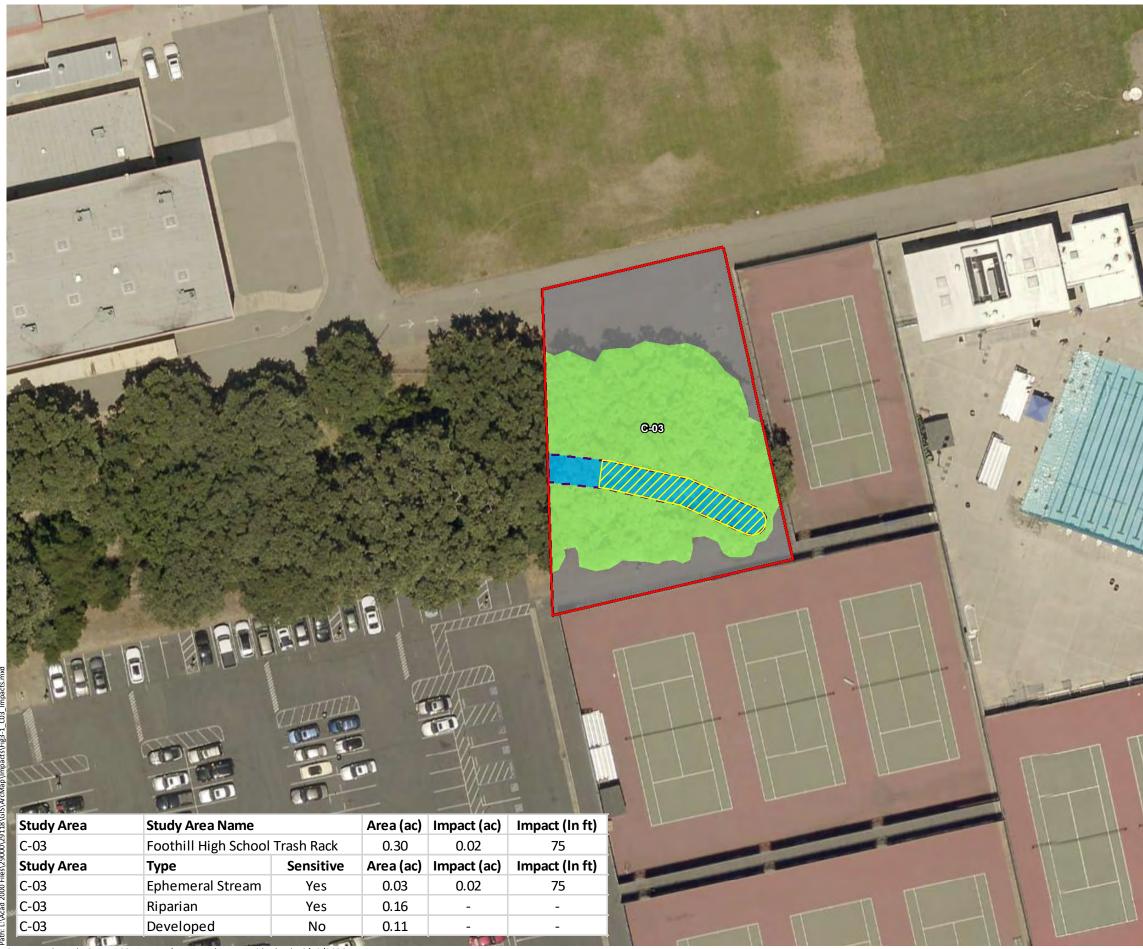
\*may require dewatering / coffer dams or minor grading

Project Location	Activity and Frequency	Annual	Routine (every 3 years)	Occasional (Approximately every 5 years)	Impacts to Waters of the U.S./State (ac/ If) (Permanent "P" or Temporary "T")
C-01	Trash removal entire site as needed; Mowing/ weed abatement on channel bottom.	Trash removal	Mowing		N/A
C-02	Trash removal entire site; Mowing of banks and bottom of channel.	Trash removal			N/A
C-03	Removal of debris and vegetation at and around trash rack. Dewatering as needed at west end of silt/ rock/ debris removal area.	Mowing		Silt/ Rock/ Debris removal	0.02 ac/ 75 lf (T)
C-04	Trash removal entire site; Mowing on banks and bottom of ditch.	Trash removal/ herbicide application, mowing		<mark>Silt/ Rock/</mark> Debris removal	N/A
C-05	Trash removal entire site; mowing on banks and bottom of channel. Dewatering at the north end of channel at inlet pipes.	Trash removal	Mowing	<mark>Silt/ Rock/</mark> Debris removal	0.01 ac/ 80 lf (T)
C-06	Trash removal entire site; Maintenance in this area will only be performed as needed for flood prevention	Trash removal			N/A
C-07	Parks Contractor performs weed abatement on the creek banks and performs tree pruning (to support tree health for public safety), and trash removal for entire site.	Trash removal, mowing, tree pruning, <b>tule</b> <b>removal</b>			N/A
C-08	Parks Contractor performs weed abatement on the creek banks and performs tree pruning (to support tree health for public safety), and trash removal for entire site.	Trash removal, mowing, tree pruning, tule removal			N/A
C-09	Parks Contractor performs weed abatement on the roadway above the creek.	Mowing			N/A
C-10	Trash removal entire site; Dewatering for Section 1 and <mark>2</mark> .	Trash removal, <mark>dewatering</mark> and <b>tule</b> <b>removal</b> in Section 1	Dewatering and tule removal every other year in Section 2		1.16 ac/ 2,372 lf (P)

Table 3. Project Activity and Frequency

Project Location	Activity	Annual	Routine (every 3 years)	Occasional (Approximately every 5 years)	Impacts to Waters of the U.S./State (ac/ If) (Permanent "P" or Temporary "T")
C-11	Trash removal entire site. Park staff trims weeds along stream bank. Tree pruning for tree health/public safety entire site. Dewatering stormwater pond and stream.	Trash removal, mowing, tree pruning, dewatering, tule removal			0.14 ac/ 246 lf (P)
C-12	Trash removal entire site as needed. Mowing banks and channel bottom entire site.	Trash removal, mowing		Silt/ rock/ debris removal	N/A
C-13	Trash removal entire site as needed	Trash removal		Silt/ rock/ debris removal	N/A
C-14	No work activities. Trash removal entire site if needed. Tree pruning entire site. Dewatering west and east side of bridge within silt/ rock/ debris area	Trash removal		Tree pruning, <mark>silt/ rock/ debris</mark> <mark>removal</mark>	0.02 ac/ 60 lf (T)
C-15	Trash removal entire site as needed; Mowing on channel bottom.	Trash removal	Mowing		N/A
C-16	Silt/debris removal only.			Silt/ debris removal	N/A
C-17	Debris removal only.			Debris removal	N/A
P-01	Parks Contractor trims 2 feet from fenceline, performs weed in basin as-needed, conduct herbicide applications, and perform tree pruning to maintain tree health for entire site.	Trash removal, tree pruning, mowing			N/A
P-02*	Trash removal entire site. Mowing on bank and bottom of basin. Dewatering as needed at northern inlet and southern inlet.	Tree removal, <mark>dewatering</mark>	Mowing, <mark>tule</mark> removal	Silt/ rock/ debris removal	N/A
P-03	Trash removal entire site. Mowing on banks and bottom of basin	Trash removal, mowing			N/A
P-04	Trash removal entire site. Mowing of banks and bottom of basin. Dewatering northern inlet and southern inlet.	Trash removal, <mark>dewatering</mark>	Mowing, <mark>tule</mark> <mark>removal</mark>	Silt/ rock/ debris removal	N/A
P-05	Trash removal entire site. Mowing entire site.	Trash removal, mowing			N/A

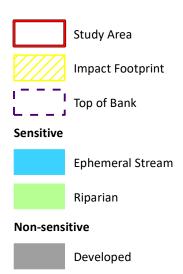
Project Location	Activity	Annual	Routine (every 3 years)	Occasional (Approximately every 5 years)	Impacts to Waters of the U.S./State (ac/ If) (Permanent "P" or Temporary "T")
P-06	Trash removal entire site. Dewatering at west half of silt/rock/debris work area.	Dewatering, rock/ silt removal			0.02 ac/ 46 lf (T)
P-07	Trash removal entire site. Mowing on banks and bottom of basin.	Trash removal, mowing			N/A
P-08*	Trash removal entire site. Mowing on banks and bottom of basin. Dewatering of first basin.	Trash removal, mowing	<mark>Dewatering,</mark> tule removal		N/A

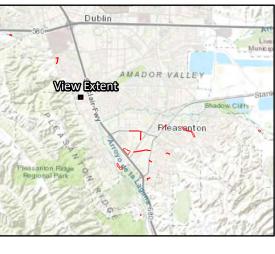




#### Figure 3-1. **Project Impacts** (C-03)

City of Pleasanton Stream Maintenance Program Alameda County, California

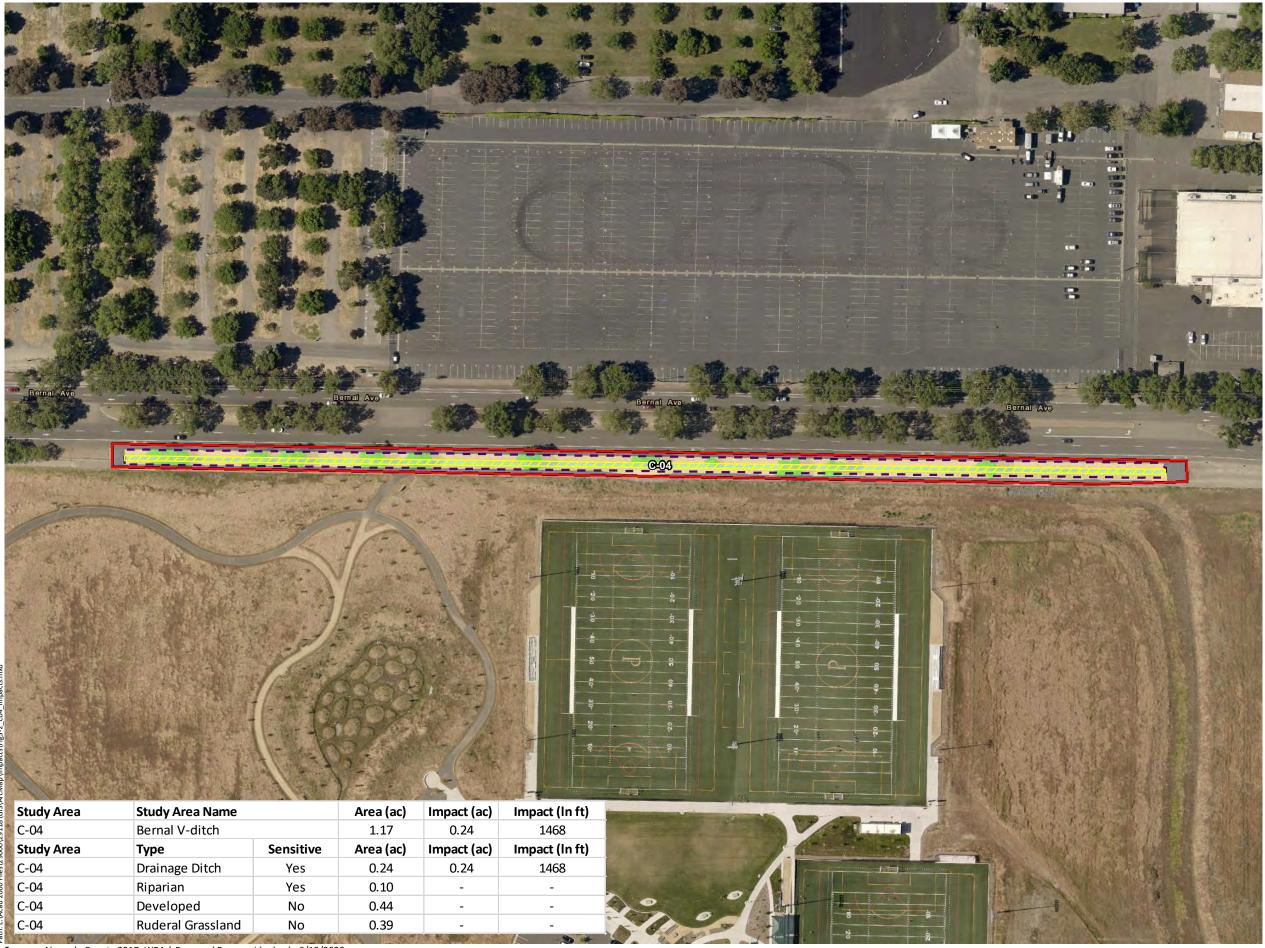




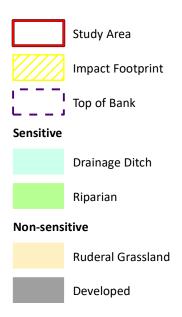


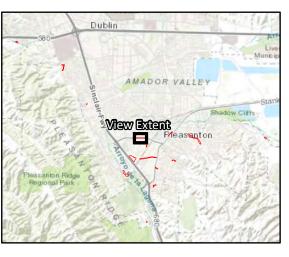
1 Inch = 50 Feet

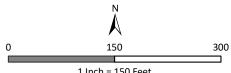




#### Figure 3-2. **Project Impacts** (C-04)

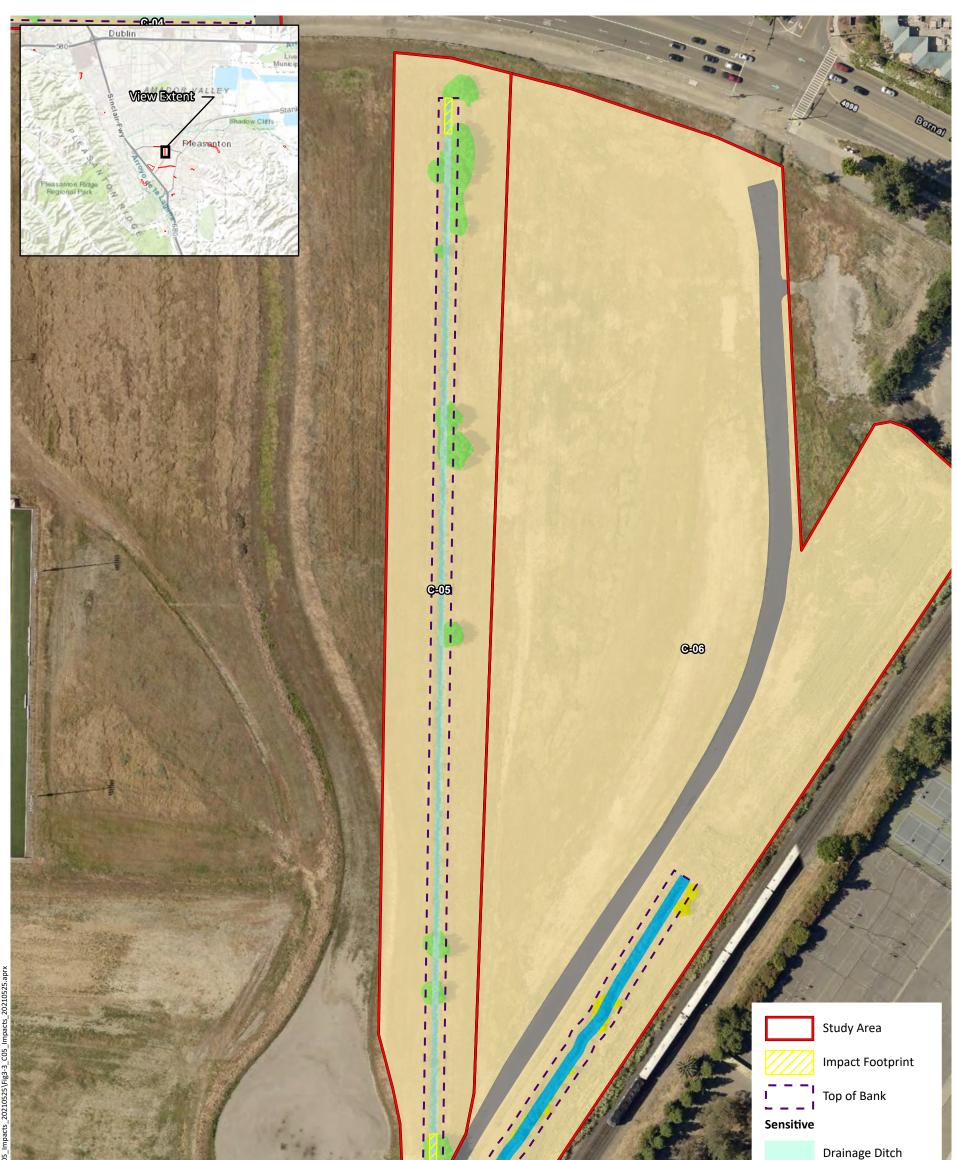






1 Inch = 150 Feet





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Study Area	Study Area Name	and the second sec	Area (ac)	Impact (ac)	Impact (In ft)		Non-sensitive
C-05	Bernal North/South	n V-ditch	3.35	0.01	80	2,7	Coyote Brush S
Study Area	Туре	Sensitive	Area (ac)	Impact (ac)	Impact (In ft)		Ruderal Grassla
C-05	Drainage Ditch	Yes	0.22	0.01	80	Part	
C-05	Riparian	Yes	0.20	-	-	S. 87 .	Developed
C-05	Ruderal Grassland	No	2.93	-	-	K L	

#### Figure 3-3. Project Impacts (C-05)

City of Pleasanton Stream Maintenance Program Alameda County, California



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Start		Study Area	Study Area Name		Area (ac)	Impact (ac)
BAR AND A REAL AND A	A CONTRACTOR OF A CONTRACTOR O	C-07	Lower Kottinger Creek		0.92	0.06
		Study Area	Type	Sensitive	Area (ac)	Impact (ac)
	A States of the	C-07	Ephemeral Stream	Yes	0.10	-
O Elles	C C C C C C C C C C C C C C C C C C C	C-07	Intermittent Stream	Yes	0.06	0.06
		C-07 C-07	Riparian Developed	Yes No	0.23	-
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		<u>C-07</u>	Landscaped	No	0.49	-

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Sources: Alameda County 2017, WRA | Prepared By: mweidenbach, 6/10/2020

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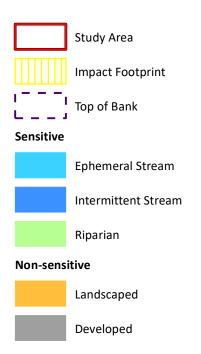


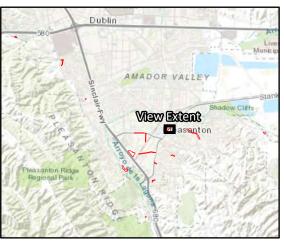
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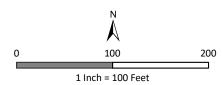
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### Figure 3-4. Project Impacts (C-07)





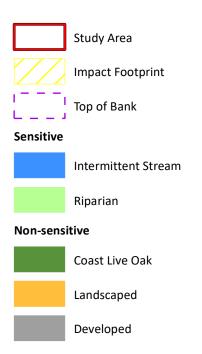


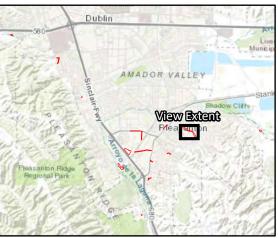


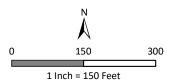




#### Figure 3-5. **Project Impacts** (C-08)







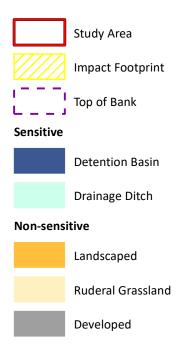


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Study Area	Study Area Name		Area (ac)		Impact (In ft)			-		
C-10 Study Area	Junipero Canal <b>Type</b>	Sensitive	5.18 <b>Area (ac)</b>	1.16 Impact (ac)	2372 Impact (In ft)			the cont		
C-10	Drainage Ditch	Yes	1.16	1.16	2372	and the second	and and			
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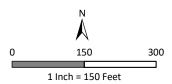
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#### Figure 3-6. Project Impacts (C-10)





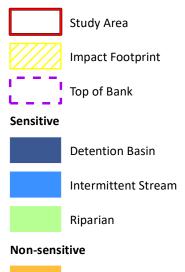






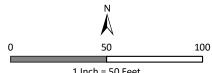
#### Figure 3-7. **Project Impacts** (C-11)

City of Pleasanton Stream Maintenance Program Alameda County, California



Landscaped





1 Inch = 50 Feet



Nasava			Study Area	Study Area Name		Area (ac)	Impact (ac)
SARTECY SALES			C-12	Cemetery Creek	Constitute	0.81	0.003
5		-	Study Area	Type	Sensitive	Area (ac)	Impact (ac)
CO CO			C-12	Ephemeral Stream	Yes	0.05	0.003
			C-12	Riparian	Yes	0.55	-
- Harac			C-12	Developed	No	0.02	-
athe L			C-12	Ruderal Grassland	No	0.19	
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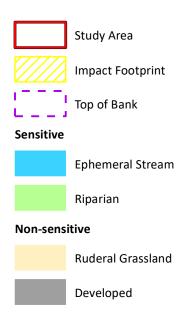
Sources: Alameda County 2017, WRA | Prepared By: mweidenbach, 6/10/2020

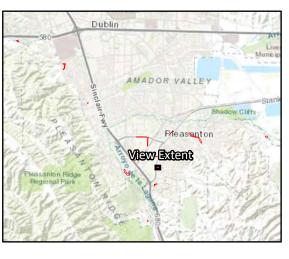


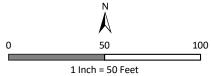
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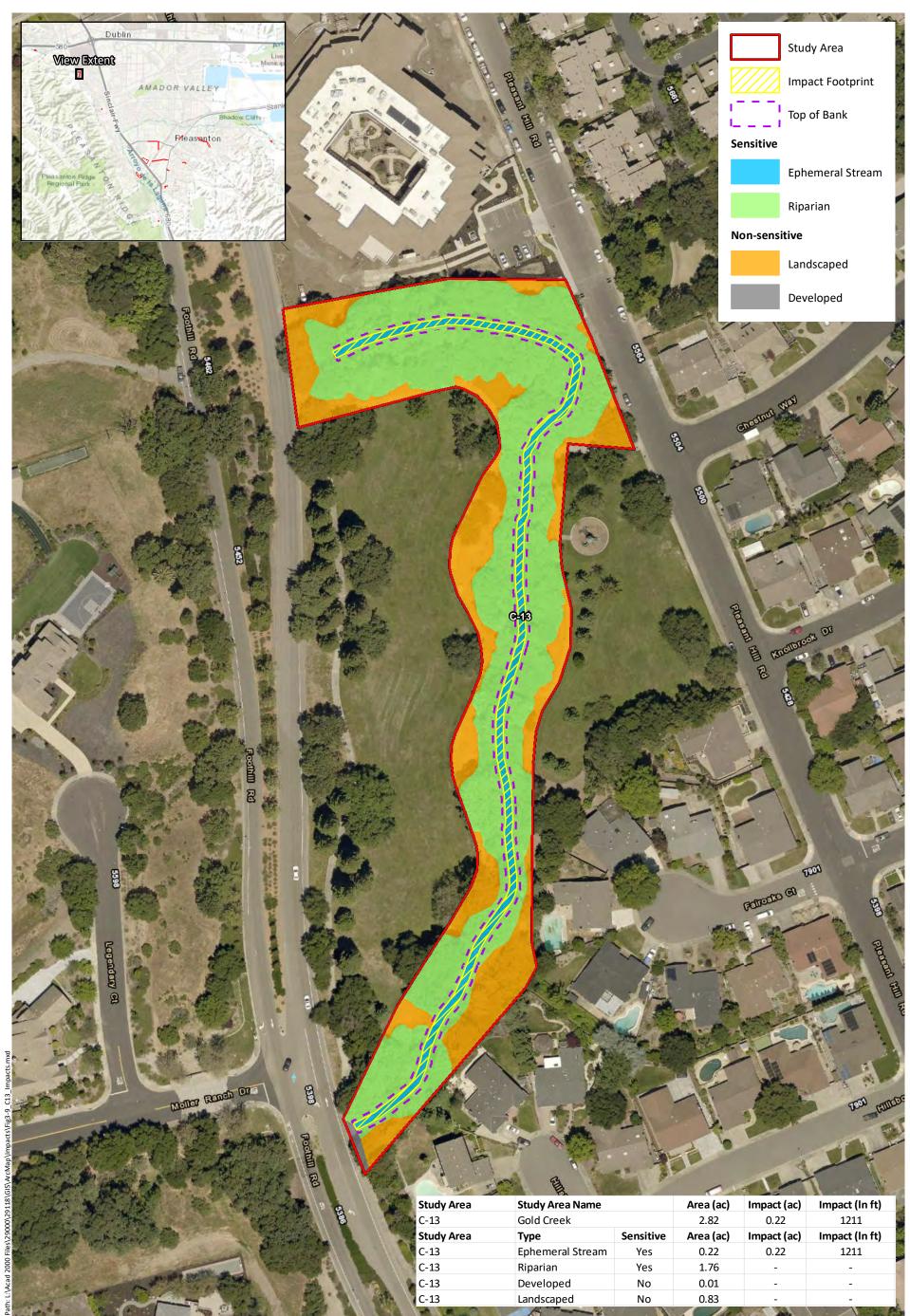
### Figure 3-8. Project Impacts (C-12)





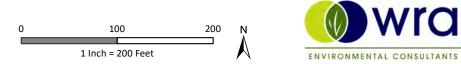






Sources: Alameda County 2017, WRA | Prepared By: mweidenbach, 6/10/2020

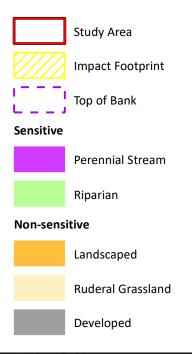
# Figure 3-9. Project Impacts (C-13)

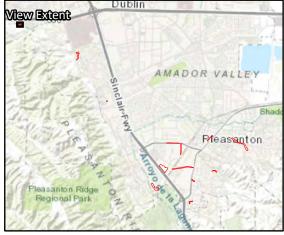


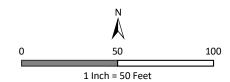
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-	Study Area Name Dublin Canyon Creek	Segment C	Area (ac) 0.42	Impact (ac) 0.01	Impact (In ft)	COLLEO CLICH			A HINDOOD		
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-14C -14D <b>tudy Area</b> -14C	Dublin Canyon Creek Dublin Canyon Creek <b>Type</b> Perennial Stream	Segment D Sensitive Yes	0.42 0.36 <b>Area (ac)</b> 0.04	0.01 0.01	<b>Impact (In ft)</b> 30 30	ACTED CUTC			COOL IN THE REAL PROPERTY INTERNAL PROPERTY		
2-14C 2-14D <b>tudy Area</b> 2-14C 2-14C	Dublin Canyon Creek Dublin Canyon Creek <b>Type</b> Perennial Stream Riparian	Segment D Sensitive Yes Yes	0.42 0.36 <b>Area (ac)</b> 0.04 0.18	0.01 0.01 Impact (ac) 0.01 -	Impact (In ft) 30 30 Impact (In ft)	COLLO CLUC			1000		たい。
-14C -14D <b>tudy Area</b> -14C -14C -14C	Dublin Canyon CreekDublin Canyon CreekTypePerennial StreamRiparianDeveloped	Segment D Sensitive Yes Yes No	0.42 0.36 <b>Area (ac)</b> 0.04 0.18 0.03	0.01 0.01 Impact (ac) 0.01 - -	Impact (In ft) 30 30 Impact (In ft) 30	COLLO CLUC			TODO		合い作記
2-14C 2-14D 3 <b>tudy Area</b> 2-14C 2-14C 2-14C 2-14C 2-14C	<ul> <li>Dublin Canyon Creek</li> <li>Dublin Canyon Creek</li> <li>Type</li> <li>Perennial Stream</li> <li>Riparian</li> <li>Developed</li> <li>Landscaped</li> </ul>	Segment D Sensitive Yes Yes No No	0.42 0.36 <b>Area (ac)</b> 0.04 0.18 0.03 0.16	0.01 0.01 Impact (ac) 0.01 - - -	Impact (In ft) 30 30 Impact (In ft) 30 - - - -	ACTO CUCA			Deal I		内に代える
C-14C C-14D C-14D C-14C C-14C C-14C C-14C C-14C C-14C C-14C	<ul> <li>Dublin Canyon Creek</li> <li>Dublin Canyon Creek</li> <li>Type</li> <li>Perennial Stream</li> <li>Riparian</li> <li>Developed</li> <li>Landscaped</li> <li>Ruderal Grassland</li> </ul>	Segment D Sensitive Yes Yes No No No	0.42 0.36 <b>Area (ac)</b> 0.04 0.18 0.03 0.16 0.01	0.01 0.01 Impact (ac) 0.01 - - - -	Impact (In ft) 30 30 Impact (In ft) 30 - - - - -				Toool		たい時代に
C-14C C-14D C-14D C-14C C-14C C-14C C-14C C-14C C-14C C-14C C-14C C-14C C-14D	<ul> <li>Dublin Canyon Creek</li> <li>Dublin Canyon Creek</li> <li>Type</li> <li>Perennial Stream</li> <li>Riparian</li> <li>Developed</li> <li>Landscaped</li> <li>Ruderal Grassland</li> <li>Perennial Stream</li> </ul>	Segment D Sensitive Yes Yes No No No Yes	0.42 0.36 <b>Area (ac)</b> 0.04 0.18 0.03 0.16 0.01 0.03	0.01 0.01 Impact (ac) 0.01 - - - - - 0.01	Impact (In ft) 30 30 Impact (In ft) 30 - - - 30 - 30	TOTO COOC	- F3		000		やいたい
Study Area C-14C C-14D Study Area C-14C C-14C C-14C C-14C C-14C C-14C C-14C C-14C C-14C C-14D C-14D C-14D	<ul> <li>Dublin Canyon Creek</li> <li>Dublin Canyon Creek</li> <li>Type</li> <li>Perennial Stream</li> <li>Riparian</li> <li>Developed</li> <li>Landscaped</li> <li>Ruderal Grassland</li> <li>Perennial Stream</li> <li>Riparian</li> </ul>	Segment D Sensitive Yes Yes No No No Yes Yes	0.42 0.36 <b>Area (ac)</b> 0.04 0.18 0.03 0.16 0.01 0.03 0.10	0.01 0.01 Impact (ac) 0.01 - - - 0.01 - 0.01	Impact (In ft) 30 30 Impact (In ft) 30 - - - 30 - 30 - 30				DOOD		内に作れて、一般
C-14C C-14D Study Area C-14C C-14C C-14C C-14C C-14C C-14C C-14C C-14D C-14D C-14D	<ul> <li>Dublin Canyon Creek</li> <li>Dublin Canyon Creek</li> <li>Type</li> <li>Perennial Stream</li> <li>Riparian</li> <li>Developed</li> <li>Landscaped</li> <li>Ruderal Grassland</li> <li>Perennial Stream</li> <li>Riparian</li> <li>Developed</li> </ul>	Segment D Sensitive Yes Yes No No Yes Yes No	0.42 0.36 <b>Area (ac)</b> 0.04 0.18 0.03 0.16 0.01 0.03 0.10 0.04	0.01 0.01 Impact (ac) 0.01 - - - 0.01 - 0.01 - -	Impact (In ft) 30 30 Impact (In ft) 30 - - - 30 - 30 - 30 - -				TODO		
2-14C 2-14D 2-14D 2-14C 2-14C 2-14C 2-14C 2-14C 2-14C 2-14C 2-14C 2-14D 2-14D	<ul> <li>Dublin Canyon Creek</li> <li>Dublin Canyon Creek</li> <li>Type</li> <li>Perennial Stream</li> <li>Riparian</li> <li>Developed</li> <li>Landscaped</li> <li>Ruderal Grassland</li> <li>Perennial Stream</li> <li>Riparian</li> </ul>	Segment D Sensitive Yes Yes No No No Yes Yes	0.42 0.36 <b>Area (ac)</b> 0.04 0.18 0.03 0.16 0.01 0.03 0.10	0.01 0.01 Impact (ac) 0.01 - - - 0.01 - 0.01	Impact (In ft) 30 30 Impact (In ft) 30 - - - 30 - 30 - 30				1000		代に行いて、「日本の



### Figure 3-10. Project Impacts (C-14C, C-14D)







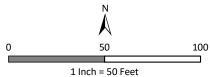




#### Figure 3-11. **Project Impacts** (C-16)











Singlett (Sens)

Study Area	Study Area Name		Area (ac)	Impact (ac)	Impact (In ft)
P-02		Bernal Detention Pond Central			-
Study Area	Туре	Sensitive	Area (ac)	Impact (ac)	Impact (In ft)
P-02	<b>Detention Basin</b>	Yes	4.08	0.08	-
P-02	Riparian	Yes	0.18	-	-
P-02	Developed	No	0.03	-	-
P-02	<b>Ruderal Grassland</b>	No	5.57	-	-

Study Area Impact Footprint Top of Bank Sensitive Detention Basin

Accumo Groch La

P-02

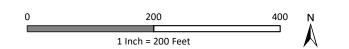
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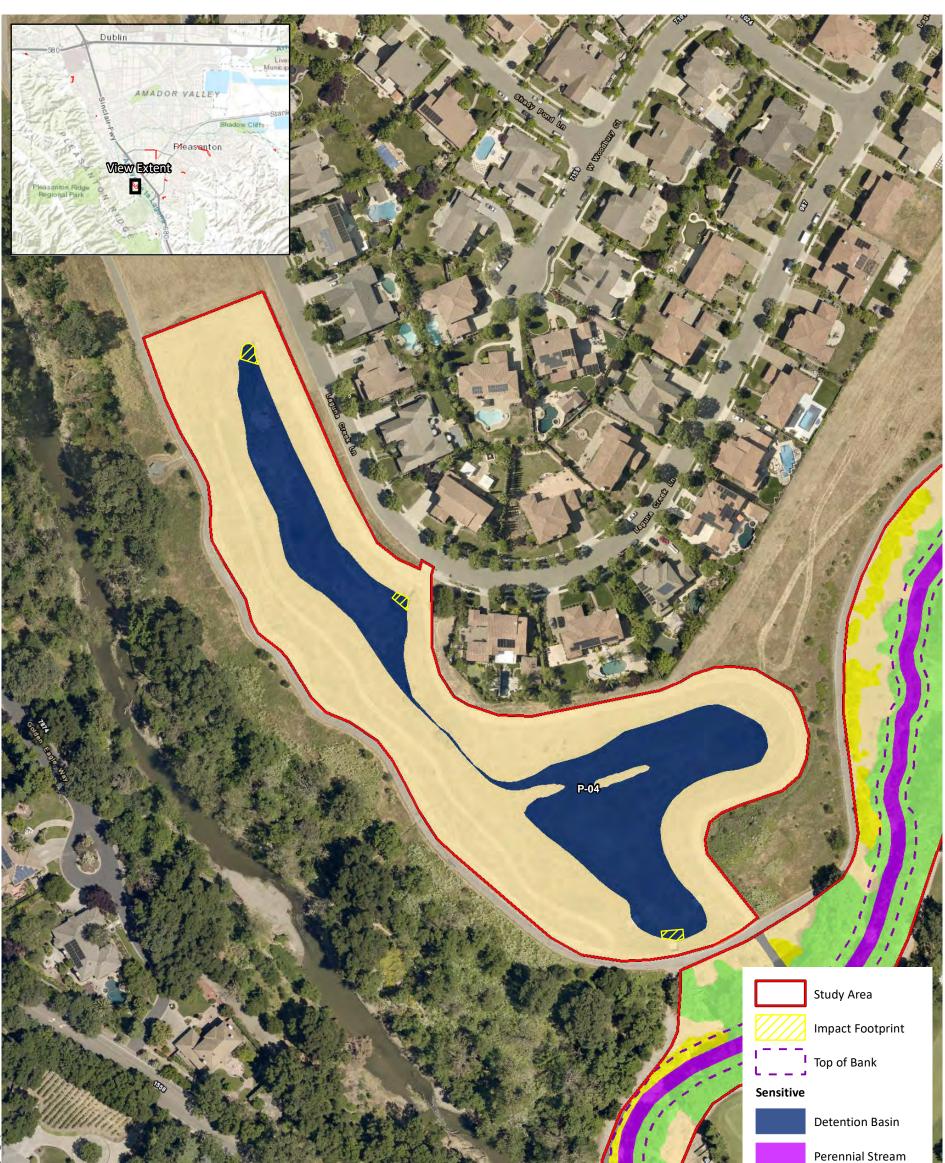


Sources: Alameda County 2017, WRA | Prepared By: mweidenbach, 6/10/2020

### Figure 3-12. Project Impacts (P-02)







1.1			(ha			Cart	Perennial Stream Riparian
1.1.1							Non-sensitive
Study Area	Study Area Name		Area (ac)	Impact (ac)	Impact (In ft)	20	Coast Live Oak Coyote Brush Scr
P-04	Bernal West Detent		6.26	0.03	-		Puderal Creasler
Study Area	Туре	Sensitive	Area (ac)	Impact (ac)	Impact (In ft)		Ruderal Grasslan
P-04	<b>Detention Basin</b>	Yes	1.83	0.03	-	No. and No.	Developed
P-04	Ruderal Grassland	No	4.43	_			Developed

# Figure 3-13. Project Impacts (P-04)







#### Figure 3-14. **Project Impacts** (P-06)

