

Contra Costa County Regional Alternative Compliance (RAC) System & Joint Powers Authority (JPA)



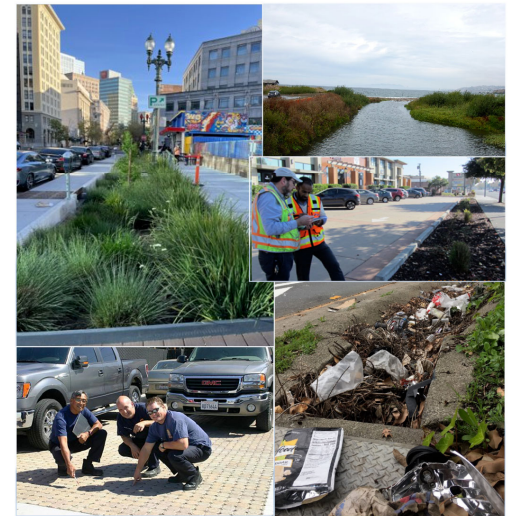
REGULATORY BACKGROUND

Sun# v%01Q #fi~ » a#fi#Mfi~ v#C M0 2Q%4uaf#l vsj~ }#fi#nt~ }a#f%#fi#n>~ v#n~ n; #l# v; #kafivj~ }a#fi#fi#

- Cn» #a;l#Pnl#n"n}E«~ n; #D% }}#l#n"n}E«~ n; #l#E "nf# 1~ ~Q7#afn# fi#n>~ v#nl#E#fi#na#a}}#l#fi~ » a#fi#E; #l#v#fi#n...j}~ l v; t#Q79 ½
- B a{#fi#P#al#Pnuai v;v#t#E; #D% }}# a{#fi#fi#al#fi#nuai v;v#t#E; #k#fi# {nj #l# E"nf# #ajfi#n#~ #l#fi#na#a}}#l#fi~ » a#fi#E; #l#v#n1
- M#«~ }a#v#E; #D~ afnl# #fi#na#~ n; #D% }}#fi#fi#l v;v#t#E; #l#u#n#a#k#E«~ }a#v#E; #D iafnl# #v~ «nf#v#E~ #l#fi#fi#s#Q#afit#n#
- M# }}~ #a; #l#E# #E; jnfij; #M.~ #l# #B nfij~ #l#½# Sun#fi#nt~ }a#f%#fi#nal }v#n# s#fi#M.~ #a;l#B nfij~ #l#½# SB 0 A#fi#M # ~ ° ~ 1

California Regional Water Quality Control Board
San Francisco Bay Region
Municipal Regional Stormwater NPDES Permit

Order No. R2-2022-0018
NPDES Permit No. CAS612008
May 11, 2022



BAY AREA CONSTRAINTS WITH STORMWATER FACILITIES



Q·ifl·fian#
jē; ta~ vī a#ē;



9 tu#fē · il» a#fī#il#
#l a}#s}·n; jnl #fnafl



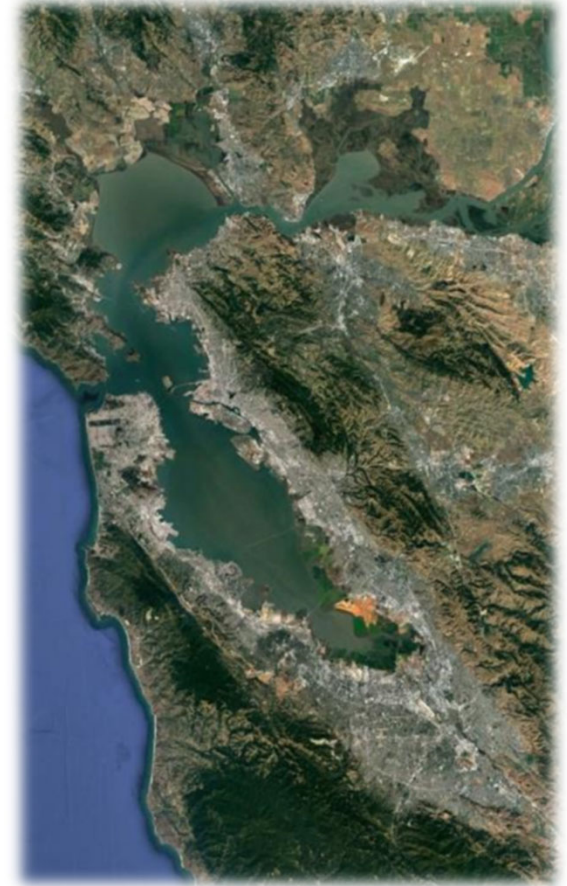
0 n;fn# fū a; #fna# vū#
}a; l#fn#ē; fl#avī #l



7· il vī t#ē; fl#avī #l

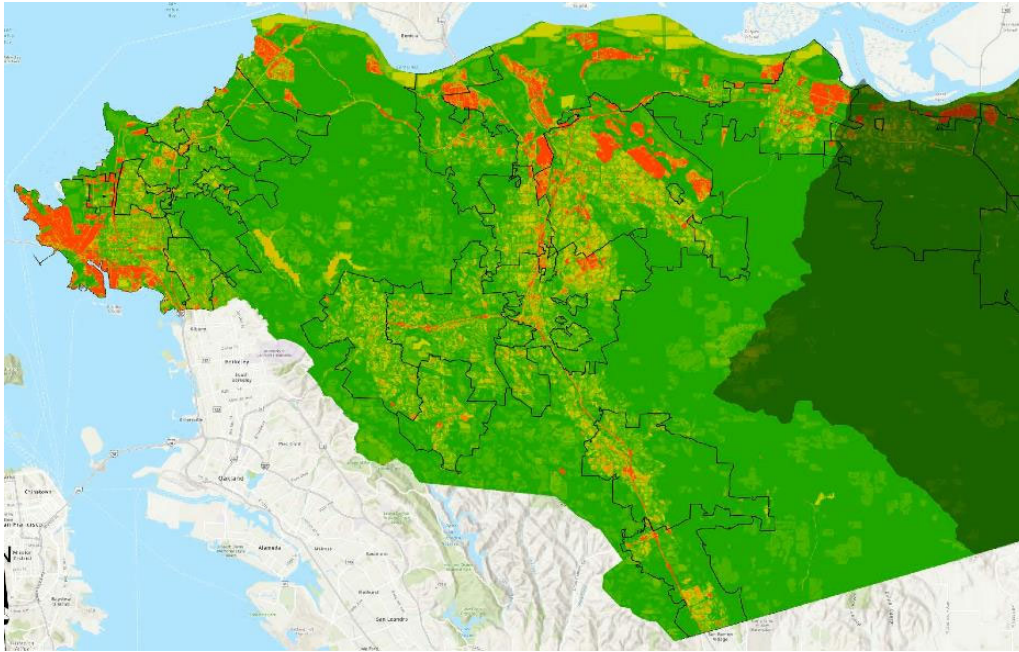


Qē vī #ē #ē; l· jv'n#ē#
vī svīa#ē;



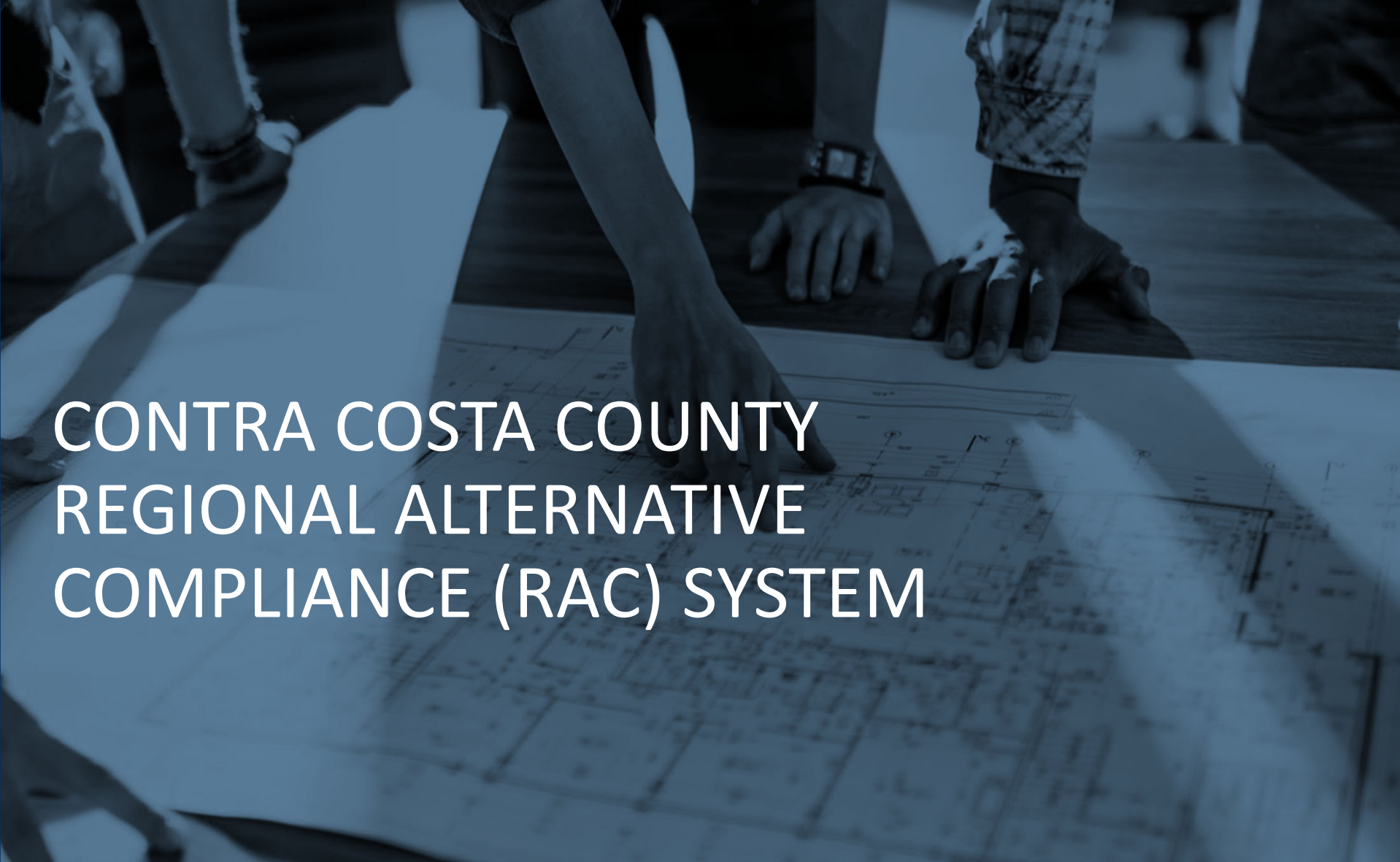
CURRENT SYSTEM

- 'P~f#sAl v#m·nlGhajvvnf#ajf#f#un# a%#fna
- 2...«n;flv'n#£#nft;#£;f#i·j#£;#l# av; tav; #l~ a}}nf# B M#fl«nva}}%½
- B·;vj«a}£"nftu#4;sfijn~ n; #n>·vnl#£#n"v»#l#««f£"n#nft;#£;f#i·j#£;#l# av; n;a;jn



CCC PCBs load distribution based on RAA Results

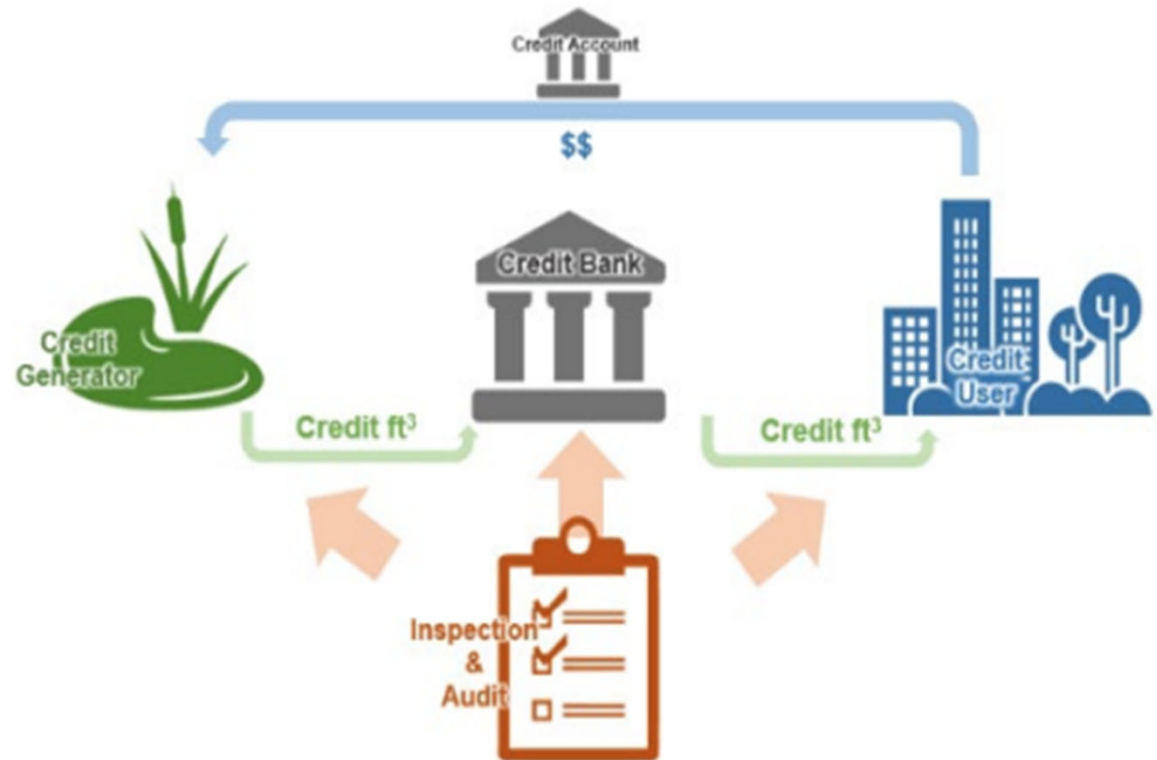
Category	Construction Cost Per Impervious Acre Treated	
	Median	Mean
Green Street with Infiltration	\$78,000	\$137,000
Green Street without Infiltration	\$419,000	\$841,000
Parcel-Based GSI	\$460,000	\$612,000
Regional with Infiltration	\$74,000	\$92,000
Regional without Infiltration	\$112,000	\$138,000



CONTRA COSTA COUNTY REGIONAL ALTERNATIVE COMPLIANCE (RAC) SYSTEM

ALTERNATIVE COMPLIANCE SYSTEMS

- . fhl v#Mfētfā~ fl#}ē » #ēf#
}afitn#jn; #ā}vn1 #fna~ n; #
sajv#vfl# # }ajn#ēē; flvn#
#fna~ n; †
- Qv~ vaf#ē # ai vā#
B vāta#ē; #Mfētfā~ fl
- Mfē"vlnfl#h...v v#ēf#n» #
ln"n}ē«~ n; #kfi{nj#l



RAC OBJECTIVES



7 }n...vi }n#£~ « }a; jn#» vu#un#
fl£fi~ » a#fi#«nfi~ v#B PM½



. £fl#hsvjv; jvnfl#ufi£ · tu#
v « }n~ n; ta#£; #£s#afitnfi#
fl£fi~ » a#fi#a« · f·fn#£fi£ {nj #l#



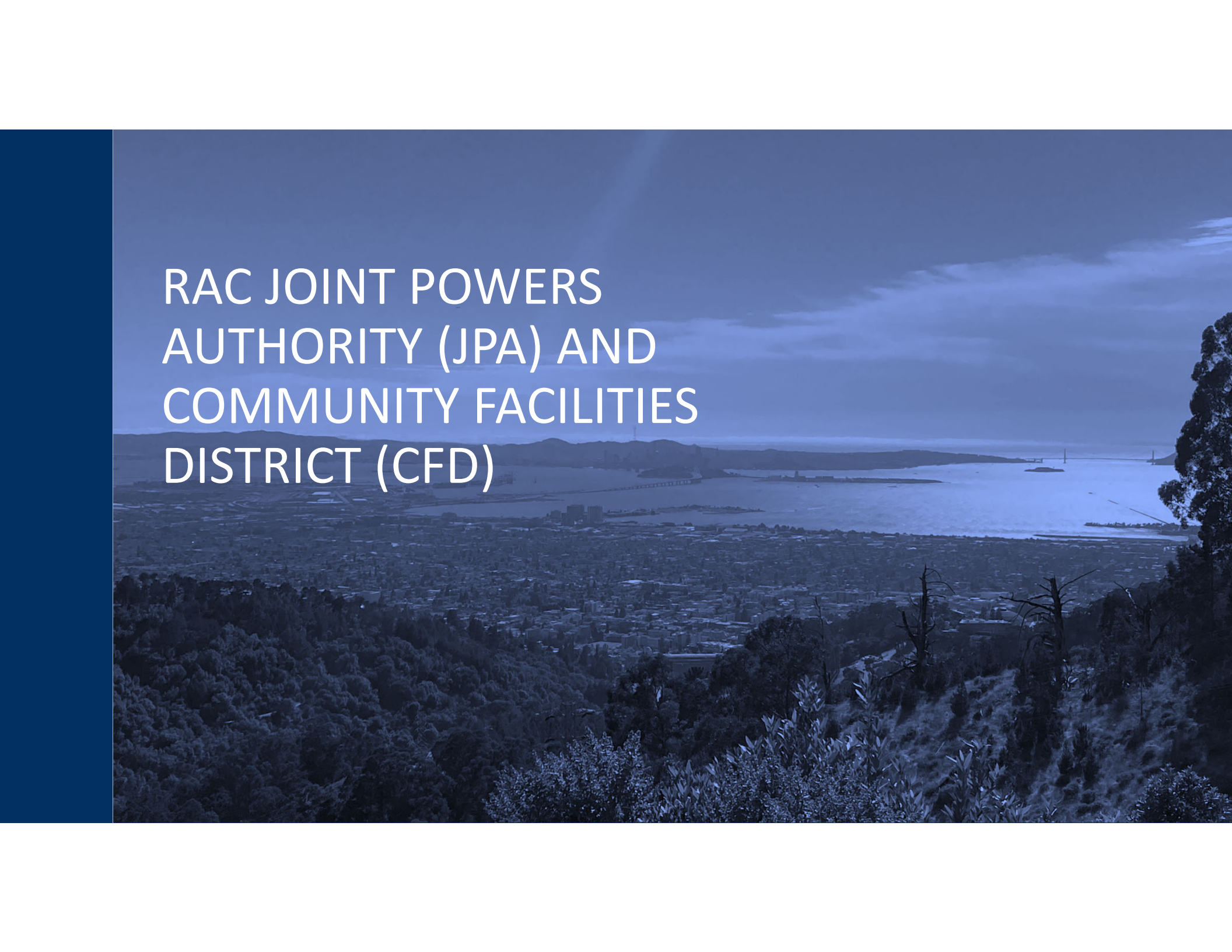
Safitn#nl #ajv%#
v « }n~ n; ta#£; #£#£fi£"vl n#
utunfi#£al #nl · j#£; #£fi#
«£ }}· ta; #£s#£; jnfi;



~ « }n~ n; ta#£; #£s#
«fi£ {nj #l#ua#£fi£"vl n#
~ · }#« }n#n;ns#l

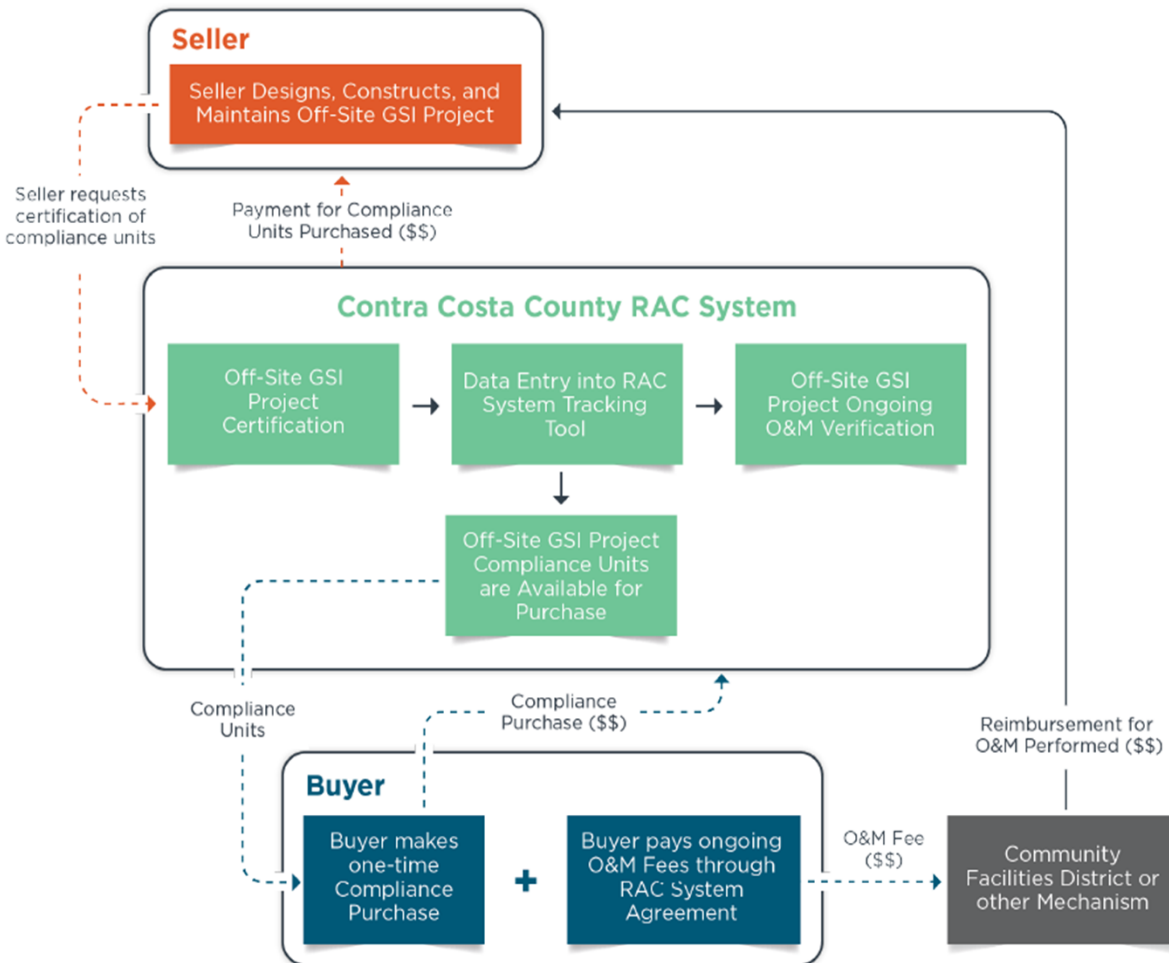


7 }n...vi v%#£ #al a« ##un#
Q%fln~ #£# nn#s · f·fn#
» a#fi# · a%# nnlfl



RAC JOINT POWERS AUTHORITY (JPA) AND COMMUNITY FACILITIES DISTRICT (CFD)

Water Board Approved System



- Qn}}nfflØM·i }j# t n ; jvnfl#Ø n"n}E«nffl#f#C 8 E fl#
ua## ·v}l # £ ; Ænt · }a n l #fna t~ n ; #Bæfln~ fl#£ #
fln }}#uf£ ·tu#un#P% . #Bæfln~
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; n n l #fnt · }a f£#jfh l vfl
- P% . # l ~ v} v l f#i a t£ ; Ø
 - 7ajv}a n f l # · f j u a f n f l # n # n n ; # · % n f f l # ; l #
f n } } n f f l
 - % f f n f l # v u # n t · } a f £ # f n « £ f i t
 - E « n f a n f l # u n # . £ ~ ~ · ; v # # 7 a j v } a n f l # v l f i j #
Ë 70 ½

S» £ B f i a ; f l a j t £ ; f l

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n...« n ; l v · f n # £ # · v } l # a # f n a t ~ n ; # a j v } a

" 1 E « n f a t £ ; f l # ; l # B a v i n ; a i j n # E ; t £ v i t #
« a ~ n ; f l # u f £ · t u # a # 70 # m l # a . . # £ } } # £ # a | n #
£ i t £ v i t # a ~ n ; f l # £ # a j v } # £ « n f a f £ f l # £ f i # u n #
~ a v i n ; a i j n # £ f l f l

RAC JOINT POWERS AUTHORITY (JPA)

- ?M% #7£fi~ a#v£ ; #a ; l # ; l n « n ; l n ; j n
 - 7£fi~ n l # £ # j f n a n # a # . £ · ; % » v l n # . £ ~ ~ · ; v % # 7 a j v # v n f l # v l # i j # £ . 70 ½
 - % # j n t a } % # l n « a f a n # ; v % # £ f i ~ n l # v u # f l # » ; # j a i v # v n f l # l n « n ; l n ; # £ i ~ # a t n ; j % # n ~ i n f f l
- ?M% # t f i n n ~ n ; # a ; l # n ~ i n f f l u v «
 - E · # j v n f l # M % # £ » n f l # £ » # n » # n ~ i n f f l # a f n # a l ~ v n l # a ; l # j n t v l a v # n # £ l % # a « « f i " a } _
- E « n f a t v £ ; a } Q # f i · j # · f i n # a ; l # Q t a s s v i t
 - . £ ; # a j # a ; a t n f i # f l n a l # £ s t u v i t # ~ « } £ % n n f l # a " £ v l # « n ; f l v £ ; # j a i v # v n f l # a ; l # v i j f n a f n # s n ... v i v # ½
- 7 v i a ; j v a } # P n f l « £ ; f l v i v # v n f l
 - A v ~ v n l # £ # u n # M % # a ; l # l u a f n l # a l ~ v i v l # a t v # n # ... « n ; f l n f l # ~ £ ; t # n ~ i n f f l

COMMUNITIES FACILITY DISTRICT (CFD)

- A CFD is a special district created by a local government to provide certain services to a specific geographic area. It is formed by a local government (city or county) and is subject to state law. The CFD is a separate legal entity and can own property, enter into contracts, and sue or be sued. It is subject to state law and can be dissolved by the local government.
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CFD formed with initial taxable property and multi-jurisdiction "future annexation area"

CFD formation requires three meetings of JPA governing board

Properties are annexed into the CFD as they opt to participate in RAC System

ESTIMATED AGENCY COSTS

?M%

- ?M% # t f i n n ~ n ; # E " n f n l # % # . . . Z M 1/2
- B n n t v t f l # E ° # n f i # n a f 1/2
- % i i · a } Q t a n # a i l # . E · i % # 7 v t f l

2 f l t ~ a n l # l t a f i # « # E f l f l # Œ Â , F ~ ~ # n f i # a t n ; j %
% i i · a # . E f l f l # Œ Â ° F ~ ~ # n f i # a t n ; j %

C E # ~ « a j # # E # u n # B n ; n f i a } # 7 · ; l o # u n f n # E f l f l #
j a ; # n # E " n f n l # % # u n # . v # D Q E f i ~ » a n f #
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. 70

- : i v a } Q n # « # . E f l f l # E . E " n f n l # % # a # f i a ; # 1/2
- Q v n # a ; i n . . a t E i f l #
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- E t u n f i # a l ~ v i v l f i a t v " n # a n ~ f l

% } # E f l f l # E " n f n l # % # . 70 # a f i t v j v « a ; # l # C E #
j E f l # # E # ~ n ~ i n f i # a t n ; j v n f l

An aerial photograph of a city street intersection, tinted in a monochromatic blue. The image shows a grid of streets with several intersections. In the center, a horizontal street intersects with a vertical street. To the right, another vertical street branches off. The streets are marked with white lines, including crosswalks and lane markings. Several cars are visible on the roads. Buildings of various sizes and shapes are situated along the streets. The overall scene depicts a typical urban environment.

SAN PABLO POTENTIAL BENEFITS AND OPPORTUNITIES

CITY OF SAN PABLO IMPACTS

- .v%#sQa;#Mai }E#a}final%#uaf#E;n#a}v%# vau#jfnl v#final%#E#
fn}}af#af#E#un#E% . #a;l#E;n#;lnf#nft;ok#E#n;#a}#n"n;·n#
vj}}.lnf#
 '1 Q·#nf# "n# finn;#Q#finn#E' i° #ajfnf#
 • ŪÂ~E~#nf#ajfn# #a«va}#Â~E~½
 • ŪÂ~E~Ê#nfatn#;i·a}#nf#ajfn#Efl#E#E;tE#t#
 ~av#n;a;jn
 "1 Aa|n#2}n~n;#af#Q>a}n#E'~D' " #ajfnf#
- Sufnn#atn;jvnl#a"n#a;l#E;n#n"n}E«nf#uaf#...«fnf#nl #7 #fnf#
v# #·fijuaf#t #jfnl v#E#f#un#Q· #nf#7ajv%a
- 2M%#fa;#M·i }vj#Efi|f# af#n;n;#%a>af#nl #a#1,EB #fa;#
>vau#2M%#E#E;v#E#un#Q· #nf# "n#M#E {nj#a;l#n#jnvn#l# #naaff#
E#nlvja#nl# av#n;a;jn#;ilvt#E#ajvvn#E;#·~fi}}# }'11
 • Sun#f#E {nj#a}}E>f#un# v%#E#n}}a;#allv#E;a}#1, " #ajfnf#
E#f#a#~n;#af#a#
 • Â°~E~#«E#;#n"n;·n

*Based on the true cost of maintenance



CITY OF SAN PABLO IMPACTS

:i tñfflnj tve i #s# , #u ail #Q· tñfi#
"E%naf#l#fi~ #v# #~'Æ



:i tñfflnj tve i #s# , #u ail #Q· tñfi#
"E%naf#l#fi~ #v# #~" "



CITY OF SAN PABLO IMPACTS

- E tūnfī#M£ n; #a}# n; ns#f#; j}· lnø
 - Q~ afi#n"n}£ «~ n; #affm#a; jn#}# nn#v; t#
u£·fm; t#nnlfl
 - %llw£; a}£; t£v; t# av; n; a; jn#·; lv; t#£#
n; fl·fn#· v#·#f£ {nj #f#fn#} £filv; t#««f£ «fia n}a
 - Yntn#t#£; #una}u#·fii a; #fnn; v; t½
 - Sfaflu#n~ £"a}£v#nf#a; l#}nta}#l·~ «v; t½
 - 8 n; nfa}#fnn#l na· t#vja#£; #}#afnaf#£ s#
«f£ {nj #l
 - 7}££l#f£ n; j#£;



NEXT STEPS AND COUNCIL AUTHORIZATION

AUTHORIZATION REQUEST

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 . v # # . ε . ; j v } # a . t u ε f i v n # a } # n j n f l a f # a j t ε ; f l # ε # a j v } t a n # l . j j n f l s . } # f i t f a ~ #
 v « } n ~ n ; t a t ε ; l

- ' 1 % . t u ε f i v n # a f i v j « a t ε ; # i # u n # . ε ; f a # . ε f l a # . ε . ; # P n t v ; a } # } n f i a t v n # . ε ~ « } a ; j n # P % . 1 4 P ε v i # M ε » n f l #
 % . t u ε f i v # P M % 1 4
- " 1 % « « f i " n # u n # f i « ε f n l # P ε v i # M ε » n f l # t f i n n ~ n ; # a ; l # a . t u ε f i v n # u n # . v # B a ; a t n f i # ε # . n j . n # a l
- ° 1 % « « ε v i # a # ε a f i l # P n « f n f n ; t a t v n # ε f i n t . } a t f # a ; l # n j u ; v j a } # ε ~ « } a ; j n # i n j ε ~ ~ n ; l n l # 2 ; " v i ~ n ; t a }
 M f i t f a ~ # a ; a t n f i # a ; l # a ; # } n f i a t n # 2 ; " v i ~ n ; t a } M f i t f a ~ # i a } a l # 1 4
- , 1 0 v i n j # l a s s # ε # a | n # a } # n j n f l a f # a j t ε ; f l # ε # a f i v j « a t n # i # u n # P % . f l f l n ~ # i j } . l v i t # a ~ n ; l v i t # u n # . v # 0 #
 f l ε f i ~ » a t n f i # f i l v i a ; j n # ε # i n j ε t ; v n P % . a f l # a ; # a } n f i a t v n # j ε ~ « } a ; j n # « t ε ; l
- " 1 % . t u ε f i v n # l a s s # ε # j ε } } a i ε f a t n # v u # u n # P % . # P M % # l ~ v i v l f i a t f i # ε # l . « « ε f i # P % . # Q % f l n ~ # ~ « } n ~ n ; t a t ε ; l
- , 1 % . t u ε f i v n # u n # P M % # ε # f l a i } v l u # ; n # f i # ε f n # . ε ~ ~ . ; v # # a j v } a n f l # v l f i v j # l # 7 0 f l # i j } . l v i t # u n # a i v } v # # ε #
 a j j n « # a « « } j a t ε ; f l # a ; i n . . # f i « n f i n f l # a ; l # n " % # l « n j v } # a . . n f l # ε # . ; l # ε i t ε v i t # a v i t n i a ; j n # ε s f s l v n #
 f l ε f i ~ » a t n f i # f i { n j f l a ; l # a « « f i " n # a # ε v i # j ε ~ ~ . ; v # a j v } a n f l a t f i n n ~ n ; t l
- ~ 1 0 v i n j # u n # . v # # . } n f i # ε # j n f i v # # u n # a l ε « t ε ; # ε s # u n # P n f l ε } . t ε ; # a ; l # f i " v l n # j ε « v f l # ε # u n # . ε ; f a # . ε f l a #
 7 } ε ε l # . ε ; # ε # 0 v l f i v j t l
- 1 0 v i n j # l a s s # ε # l n " n } ε « # n « ε f i # l # ε ; # P M % 1 4 . 7 0 # f i t f i n f l # u a # v } # n # n « ε f i n l # ε # u n # . v # # . ε . ; j v } # a ; i . a } # a l

QUESTIONS?

