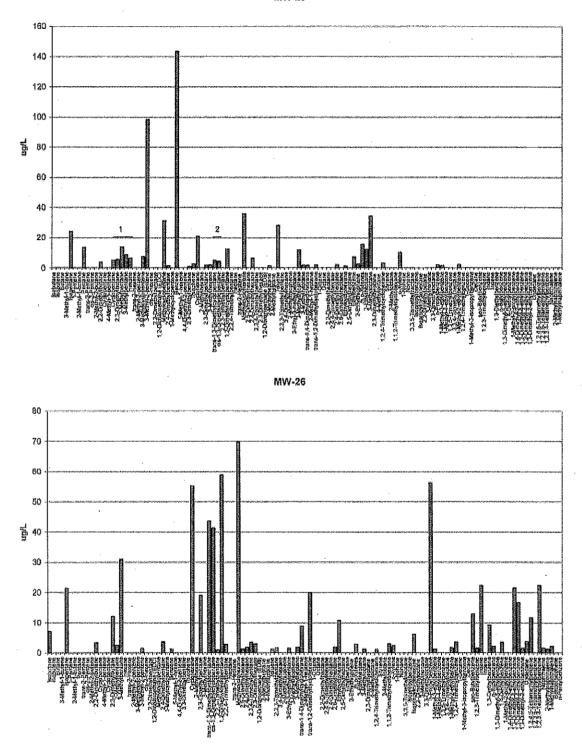




Page 7

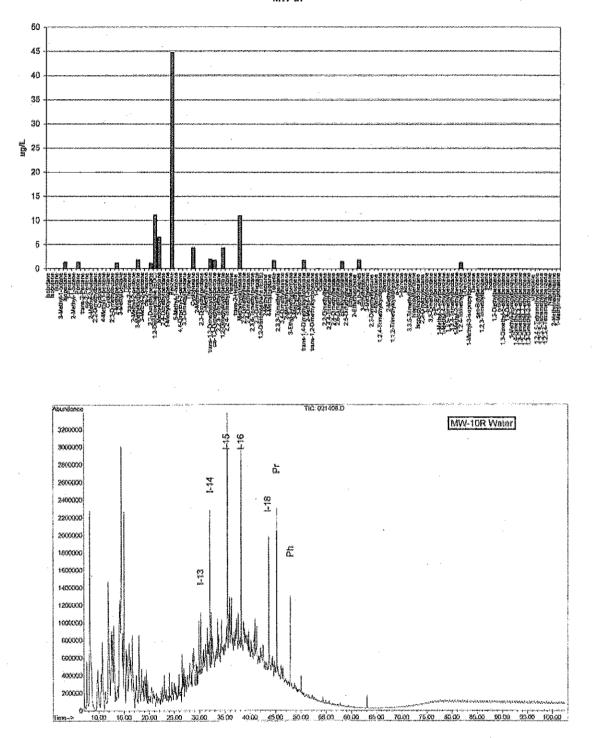
MW-10R



Port D.C.

Page 8

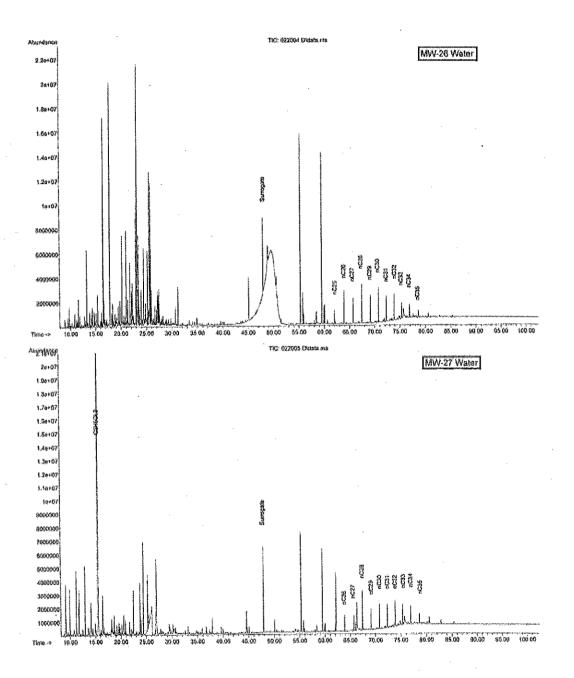
MW-29



Port D.C.

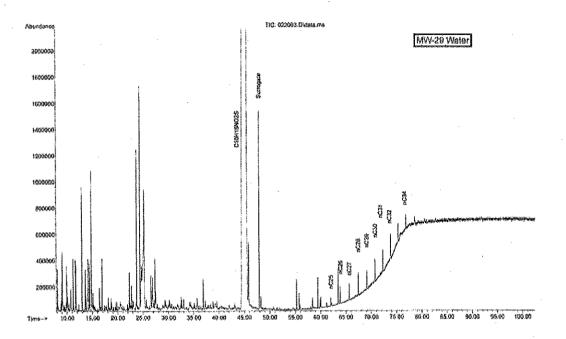
Page 9

MW-27



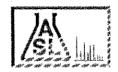
Port D.C.

Page 10



Port D.C.

Page 11



AMERICAN SCIENTIFIC LABORATORIES, LLC Environmental Testing Services 2520 N. San Fernando Rd., Lux Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

Ordered By

SCS Engineers	
3900 Kilroy Airport Way #100	
Long Beach, CA 90806-	

Telephone	(562)426-9574
Attn	Bob	Gutzler

Number of Pages 14	
Date Received 02/12/2014	
1 2.1.2011년 전 영향과 지수는 상품권에 정하는 것이 가격에 가장 방안을 받았는 것이다.	
Date Reported 02/17/2014	
Linear and the second secon	

Job Number	Ordered	Client
59849	02/12/2014	SCS-LB
Construction and the second		

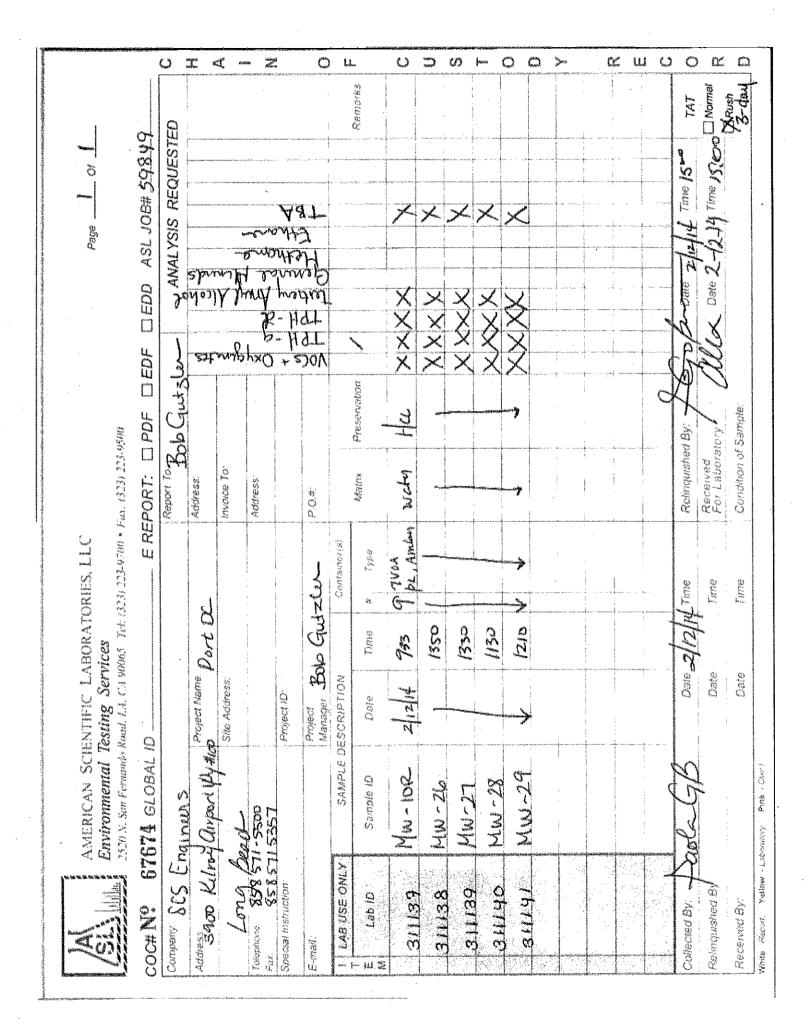
Project ID: Project Name: Port DC

Enclosed are the results of analyses on 5 samples analyzed as specified on attached chain of custody.

Wendy Lu Organics Supervisor

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions: 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.

 ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misropresentations contained in client-provided information regarding samples submitted to the laboratory.





American Scientific Laboratories, LLC

Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered	Вұ
SCS Engine	Pers.
3900 Kilroy	Airport Way #100
Long Beach	, CÁ 90806-
Telephone:	(562)426-9574
Attn:	Bob Gutzler
Page:	2

		ASL	Job Number	Submitted	Client
Project Name:	Port DC		59849	02/12/2014	SCS-LB

Method: 8015B, TPH DROs and OROs (Diesel and Oil Range Organics)

QC Batch No: W1P-021314

Our Lab LD.	-	311137	311138	311139	311140	311141
Client Sample I.D.		MW-10R	MW-26	MW-27	MW-28	MW-29
Date Sampled		02/12/2014	02/12/2014	02/12/2014	02/12/2014	02/12/2014
Date Prepared		02/13/2014	02/13/2014	02/13/2014	02/13/2014	02/13/2014
Preparation Method						
Date Analyzed		02/13/2014	02/13/2014	02/13/2014	02/13/2014	02/13/2014
Matrix		Water	Water	Water	Water	Water
Units	2	mg/L	mg/L	mg/L	mg/L	mg/L
Dilution Factor		1	l	1	·]	1
Analytes	PQL	Results	Results	Results	Results	Results
TPH DROs (C10 to C28)	0.500	46.3	ND	ND	ND	ND
TPH OROs (C28+)	0.500	ND	ND	ND	ND	ND

Comment(s):

311137: High surrogate recovery due to matrix.

Our Lab I.D.		311137	311138	311139	311140	311141
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery		-		ı		
Chlorobenzene	70-120	164	98	103	101	108

QUALITY CONTROL REPORT

QC Batch No: W1P-021314

	MS	MS DUP	RPD	MS/MSD	MS RPD		***********	nt official data and a special biological bio	 Control (Control Control on the Control of Control of	
Analytes	% REC	% REC	%	% Limit	% Limit				densibilitati an an an ann an an an an an an an an an	.
Diesel	110	113	2.7	75-120	<20				-	



AMERICAN SCIENTIFIC LABORATORIES, LLC Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered	Ву	
SCS Engine	2015	
3900 Kilroy	Airport Way #100	
Long Beach	I, CA 90806-	
Telephone:	(562)426-9574	

Bob Gutzler Attn: Page: 3

96 B 1 . K W			ASL Job Number	Submitted	Client
Project Name:	Port DC		59849	02/12/2014	SCS-LB

Method: 8015B, TPH GROs (Gasoline Range Organics)

QC Batch N	o: W1G-021414			
,	311139	311141		
	MW-27	MW-29	1998149298114824644444444444444444444444444444444	
	02/12/2014	4 02/12/2014		warder and a second
	02/14/2014	02/14/2014		
, , , , , , , , , , , , , , , , , , , ,			9550-9018596-998560554-8666656-56686660 4	587454993736546641241241241241262222222
	02/14/2014	02/14/2014		······································
	Water	Water	duidilijyni	· · · · · · · · · · · · · · · · · · ·
	ug/L,	ug/L/	non an	
	1			
PQL	Results	Results	99,539,994,844,842,724,	***
50.0	350	2780		
	311139	311141	**************************************	***************************************
	PQL	MW-27 02/12/201 02/14/2014 02/14/2014 Water ug/L 1 PQL Results	311139 311141 MW-27 MW-29 02/12/2014 02/12/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/12/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	311139 311141 MW-27 MW-29 02/12/2014 02/12/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/12/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 02/14/2014 1 1 PQL Results 50.0 330 02/180 02/14/2014

Our Lab I.D.		311139	311141			
Surrogates	% Rec.Limit	% Rec.	% Rec.			
Surrogate Percent Recovery	·····	***************************************	zades vidancs Monecalita degides asa dasries egasua.	.11500/0707070700000000000000000000000000	 	
Bromofluorobenzene	70~120	96	70		*****	

QUALITY CONTROL REPORT

QC Batch No: W1G-021414

AUM 1-Statistic and a statistic statistic and an and a statistic for an an and a statistic				 				
	MS	MS DUP	RPD				 	l
Analytes	% REC	% REC	%					
Benzene	96	94	2.1					
Toluene	91	95	4.3			1	 	



AMERICAN SCIENTIFIC LABORATORIES, LLC Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered	By
SCS Engin	
	y Aliport Way #100
Long Beac	h, CA 90806-
Telephone	: (562)426-9574
Attn:	Bob Gutzler
Page:	4

• · · · ·		ASL Job Number	Submitted	Client
Project Name:	Port DC	59849	02/12/2014	SCS-LB

Method: 8015B, TPH GROs (Gasoline Range Organics)

QC Batch No: W1G-021414

Our Lab I.D.		311137			· ·
Client Sample I.D.		MW-10R	-		
Date Sampled		02/12/2014			
Date Prepared		02/14/2014			
Preparation Method	·				
Date Analyzed		02/14/2014			
Matrix		Water			
Units		ug/L			
Dilution Factor		5			
Analytes	PQL	Results			~~~~~~
TPH GROs (C6 to C10)	250	10600			
Our Lab I.D.		311137		*********	
Surrogates	% Rec.Limit	% Rec.			
Surrogate Percent Recovery	Andrid Hans San and San Shi shi shi shi shi shi sa				6 trenketulunuturumununyyyyyyyyyyyyyy
Bromofluorobenzene	70-120	111		ine dela contra del accordo de participação e provinsiona de subservador	5.56%8565%6%6%6%6%6%6%6%6%6%6%

QUALITY CONTROL REPORT

QC Batch No: W1G-021414										
	MS	MS DUP	RPD							
Analytes	% REC	% REC	%							
Benzene	96	94	2.1			·	Vilat data Mar			
Toluene	91	95	4.3							



Andoned Bu

AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ardered DJ					
SCS Engineers					
3900 Kilroy Airpor	t Way #100				
Long Beach, CA 90	0806-				
Telephone: (562)4	26-9574				·
Attn: Bob G	utzler				
Page:	5	- N			
			ASL Job Number	Submitted	Client
Project Name:	Port DC	:	59849	02/12/2014	SCS-LB

02/12/2014 Port DC 59849

Method: 8015B, TPH GROs (Gasoline Range Organics)

QC Batch No: W1H-021314

Our Lab I.D.	· · · ·	311138	311140	2		
Client Sample I.D.		MW-26	MW-28	- ra - a sana - a sara	· · · · · · · · · · · · · · · · · · ·	
Date Sampled		02/12/2014	02/12/2014		· · ·	
Date Prepared		02/13/2014	02/13/2014			
Preparation Method						
Date Analyzed		02/13/2014	02/13/2014			
Matrix		Water	Water			
Units		ug/L	ug/L			
Dilution Factor		1	I			
Analytes	PQL	Results	Results		·	
IPH GROs (C6 to C10)	50.0	1730	ND			

	T		1		
Our Lab I.D.		311138	311140		
Surrogates	% Rec.Limit	% Rec.	% Rec.		
Surrogate Percent Recovery				********	
Bromofluorobenzene	70-120	71.	111		

QUALITY CONTROL REPORT

QC Batch No: W1H-021314

	MS	MŠ DUP	RPD	 	 	 	
Analytes	% REC	% REC	%				
Benzene	100	102	2.0			1.1	
Toluene	99	99	<1				



American Scientific Laboratories, LLC

Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90063 Tel. (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By	<i>t</i>	4		
SCS Engineers		•		
	irport Way #100	,		
Long Beach, C	A 90806-			
Telephone: (5)	62)426-9574			
Attn: Bo	b Gutzler		1994 - A.	
Page:	Ģ			
		ASL Job Number	Submitted	Client
Project Name:	Port DC	 59849	02/12/2014	SCS-LB

Method: 8260B, Volatile Organic Compounds and 6 oxygenates

QC Batch No: W2B-021314

	QC Batch No:	W2B-021314				
Our Lab I.D.		311138	311140			
Client Sample LD.		MW-26	MW-28			
Date Sampled			02/12/2014			
Date Prepared		02/14/2014	02/14/2014			
Preparation Method						******
Date Analyzed			02/14/2014			
Matrix		Water	Water	***		
Units		ug/L	ug/L			××××××××××××××××××××××××××××××××××××××
Dilution Factor		1	t			
Analytes	PQL	Results	Results			
Acetone	5.00	ND	ND			
Benzene	1,00	ND	ND			
Bromobenzene (Phenyl bromide)	1.00	מא	ND			
Bromochloromethane (Chlorobromomethane)	1,00	ND	ND			
Bromodichtoromethane (Dichlorobromomethane)	1.00	ND	ND			
Bromoform (Tribromomethane)	5.00	ND	ND	······································		
Bromomethane (Methyl bromide)	3.00	ND	מא			
2-Butanone (MEK, Methyl ethyl ketone)	5.00	ND	ND			· · · · · · ·
n-Butylbenzene	1,00	3.58	ND		**************************************	\$\$\$\$\$\$\$#\$#\$#\$#\$#\$
sec-Butylbenzene	1.00	10.8	ND		i Chairmadh dhainn	
tert-Butylbenzone	1,00	NĎ	ND	·	(411411	
Carbon disulfide	1.00	ND	ND	• · · · · · · · · · · · · · · · · · · ·		······
Carbon tetrachloride (Tetrachloromethane)	1.00	ND	ND	<u> </u>		
Chlorobenzene	1.00	ND	ND			
Chloroethane	3,00	ND	ND	20062400043122141233399999999999999999999	······	งางที่ในสารสารในการรูปสะกรรมรูญ รูปได้เร็กได้ไม่ไปเรียงให้รู้ไปป
2-Chloroethyl vinyl ether	5,00	ND	. ND			1997 1997 1797 1797 1797 1997 1997 1997
Chloroform (Trichloromethane)	1.00	ND	ND			
Chloromethane (Methyl chloride)	9,00	ND	ND	· · ·		5 KANTANA (1996/) (1997)
4-Chlorotoluene (p-Chlorotoluene)	1.00	ND	ND	- Australiana and an Australian Australian Australian Australian Australian Australian Australian Australian Au	2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	
DIPE	2,00	ND	ND	, ,		······
2-Chlorotoluene (o-Chlorotoluene)	1.00	ND	ND		in international territory and the second second	*****
1,2-Dibromo-3-chloropropane (DBCP)	5,00	D	ND	ŋ/ \y\z.19.49.49.49.49.49.49.49.49.49.49.49.49.49	· · · · · · · · · · · · · · · · · · ·	
Dibromochloromethane	1.00	ND	ND			1995 Ht 1903 Providence
1,2-Dibromoethane (EDB, Ethylene dibromide)	1.00	ND	ND		1	
Dibromomethane	1,00	ND	ND		1	
1,2-Dichlorobenzene (o-Dichlorobenzene)	1.00	ND	ND			
1,3-Dichlorobenzene (m-Dichlorobenzene)	1.00	ND	ND	-	+	
1,4-Dichlorobenzene (p-Dichlorobenzene)	1.00	ND	ND			
Dichlorodifluoromethane	3.00	ND	ND			~~
Inchloroamaorometriane		A157			1	



American Scientific Laboratories, LLC

Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Page:

Project Name:

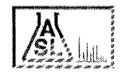
Port DC

7

provide the second s	without attain a cinternation of the second	
ASL Job Number	Submitted	Client
59849	02/12/2014	SCS-LB

Method: 8260B, Volatile Organic Compounds and 6 oxygenates

	311138 MW-26 02/12/2014 02/14/2014	311140 MW-28			
	02/12/2014				
4566 74556 1457 1457 1457 1457 1457 1457 1457 1457		しゃんしゅかし かんしょう	······································	****	*
		02/14/2014	<u>}</u>		**************************************
		******		4inuó4975971	
1	02/14/2014	02/14/2014		·····	******
	Water	Water			
	ug/L	ug/L			
lano arbei oa urobuchi kilou terran Yani mil	1	1	,	-	**************************************
PQL	Results	Results			·
1.00	ND	ND			
1.00	ND	ND			
1.00	ND	ND	***************************************	00010079001 0010 010010000000000000000000000000	tillenneninismensen
1,00	ND	ND			
1.00	ND	ND			
1,00	44.2	ND			*******
1.00	D D	ND	ummunim.		+
1.00	ND	ND			**************************************
1.00	ND	ND			******
1,00	ND	ND	*******	WWWWWWWWWWWWWWWWWWWW	
2.00	ND	ND	· · · · ·	·	
1,00	ND	ND ·			
1.00	1.48	ND			P
3.00	****	ND			
5.00		ND			
AND A CONTRACT OF A CONTRACT O	an warman and a second second second			(Hettommerjajoji)	
	······································	****		·	
1					· · · · · · · · · · · · · · · · · · ·
	· · · ·				1
				<u>.</u>	
				مەرىپىرىيە بىرىمىرىغانىيە ئەرىپىلىرىغانىيە ئەرىپىرىيە بىرىيەر بىلىرىغانىيە ئەرىپىرىيە بىرىيەر بىلىرىغان بەرىپى تەرىپىرىيەر بىرىيەر بىرى	-
		· · · · · · · · · · · · · · · · · · ·		#590365	
			·,		
		110100100000000000000000000000000000000	01,89579561116561114.xxx1xx4.xxxxxxxxxxxxx	·····	,
are strationed in the second statements and	ite				1 510110100-10000-0000000000000000000000
	and a state in a state of the s				
	-		•*************************************		
				• • • • • • • • • • • • • • • • • • •	
		2066206.0512662666666666666666666666666666666666		·	
		- The boundary of the second se	******************************	913694 <u>5 au</u>	
			· · · · · · · · · · · · · · · · · · ·	······································	
	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	I FQL Restilles 1.00 ND 1.00 1.48 3.00 ND 1.00 1.07 2.00 ND 5.00 ND 1.00 1.32 2.00 ND 1.00 ND 1.00 ND 1.00 ND 1.00 ND 1.00 ND 1.00 <td< td=""><td>I I I PQL Results Results 1.00 ND ND 1.00 1.48 ND 3.00 ND ND 1.00 1.07 ND 1.00 1.07 ND 1.00 1.32 ND 1.00 ND ND 1.00 ND ND <tr< td=""><td>I I I PQL Results Results 1.00 ND ND 1.00 1.48 ND 1.00 1.07 ND 1.00 1.07 ND 1.00 1.07 ND 1.00 ND ND 1.00 ND ND 1.00 ND ND <tr< td=""><td>I I I PQL Results Results 1.00 ND ND 1.00 1.48 ND 3.00 ND ND 1.00 2.48 ND 1.00 1.07 ND 1.00 1.07 ND 1.00 ND ND 1.00 ND ND 1.00 ND ND <tr< td=""></tr<></td></tr<></td></tr<></td></td<>	I I I PQL Results Results 1.00 ND ND 1.00 1.48 ND 3.00 ND ND 1.00 1.07 ND 1.00 1.07 ND 1.00 1.32 ND 1.00 ND ND 1.00 ND ND <tr< td=""><td>I I I PQL Results Results 1.00 ND ND 1.00 1.48 ND 1.00 1.07 ND 1.00 1.07 ND 1.00 1.07 ND 1.00 ND ND 1.00 ND ND 1.00 ND ND <tr< td=""><td>I I I PQL Results Results 1.00 ND ND 1.00 1.48 ND 3.00 ND ND 1.00 2.48 ND 1.00 1.07 ND 1.00 1.07 ND 1.00 ND ND 1.00 ND ND 1.00 ND ND <tr< td=""></tr<></td></tr<></td></tr<>	I I I PQL Results Results 1.00 ND ND 1.00 1.48 ND 1.00 1.07 ND 1.00 1.07 ND 1.00 1.07 ND 1.00 ND ND 1.00 ND ND 1.00 ND ND <tr< td=""><td>I I I PQL Results Results 1.00 ND ND 1.00 1.48 ND 3.00 ND ND 1.00 2.48 ND 1.00 1.07 ND 1.00 1.07 ND 1.00 ND ND 1.00 ND ND 1.00 ND ND <tr< td=""></tr<></td></tr<>	I I I PQL Results Results 1.00 ND ND 1.00 1.48 ND 3.00 ND ND 1.00 2.48 ND 1.00 1.07 ND 1.00 1.07 ND 1.00 ND ND 1.00 ND ND 1.00 ND ND <tr< td=""></tr<>



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Page:

8

			ASL	Job Number	Submitted	Client
Project Name:	Port DC			59849	02/12/2014	SCS-LB
		and the second	Lucinin			L

Method: 8260B, Volatile Organic Compounds and 6 oxygenates

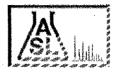
where the second s		elitera sadurazo de saca seditidas de secondos de súcerios	description and a concerning of the subscription of the	a sensitives i development and a sense a sense a sense a sense of the	Andreada Los and BLIFLER LEADER LEADER DOLLAR	
Our Lab LD.		311138	311140			
Client Sample I.D.		MW-26	MW-28			
Date Sampled		02/12/2014	02/12/2014			
Date Prepared		02/14/2014	02/14/2014			
Preparation Method						
Date Analyzed		02/14/2014	02/14/2014			
Matrix		Water	Water			
Units		ug/L	ug/L			
Dilution Factor	1	l	l			
Analytes	PQL	Results	Results		1	an a
Trichlorofluoromethane	1.00	ND	ND	, , , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
1,2,3-Trichloropropane	1,00	5,03	ND			
1,2,4-Trimethylbenzene	1.00	2.86	ND			
1,3,5-Trimethylbenzene	1.00	ND	ND	·	1	
Vinyl acetate	5. 00	ND	ND	,,,,,		***************************************
Vinyl chloride (Chloroethene)	3.00	ND	ND		(
p-Xylene	1,00	3,00	1,05			
m- & p-Xylenes	2.00	3.37	ND			a yanan dhalladh dhaft dh'fhaanidh
			I			

Our Lab I.D.		311138	311140		
Surrogates	% Rec.Limit	% Rec.	% Rec.		
Surrogate Percent Recovery		A			
Bromofluorobenzene	70-120	80	101		1996 Bao (nandronoserra) marine manazioren a
Dibromofluoromethane	70-120	103	97		U L
Toluene=d8	70-120	96	102		

QUALITY CONTROL REPORT

QC Batch No: W2B-021314

	MS	MS DUP	RPD	MS/MSD	MS RPD					
Analytes	% REC	% REC	%	% Limit	% Limit					
Benzene	101	98	3.0	75-120	15	···, ··· ··· , ···,	· ····································		**************************************	
Chlorobenzene	105	103	1.9	75-120	15	slaft of trade of the first of	, prototicity of contracts			and addition of additional productions
1,1-Dichloroethene	105	102	2,9	75-120	15					*********************************
(1,1-Dichloroethylene)										
MTBE	97	95	2.1	75-120	15		a desired the state of the state of the	,		actored and an inclusion of the fight of the second
Toluene (Methyl henzene)	84	83	1,2	75-120	15		[·
Trichloroethene (TCE)	98	96	2.1	75-120	15					



പ്പംപെപ്

425.

AMERICAN SCIENTIFIC LABORATORIES, LLC Environmental Testing Services

Client

SCS-LB

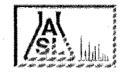
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

ordered på				
SCS Engineers	ennelitikatikatika anananan kananan kanana kanana kanan			
3900 Kilroy Airpo				
Long Beach, CA 9	0806-			
Telephone: (562)	426-9574			
Attn: Bob C	iutzler			
Page:	9			
			ASL Job Number	Submitted
Project Name:	Port DC		59849	02/12/2014

Method: 8260B, Volatile Organic Compounds and 6 oxygenates

	QC Batch No	: W2B-021414				
Our Lab I.D.	******	311137	311141	ar a construction and a second s		
Client Sample I.D.		MW-10R	MW-29			
Date Sampled		02/12/2014	02/12/2014	-10122-1007-0-1007-0-100702-0-0002-00-100702-000		10/11110/00/10/10/10/10/10/10/10/10/10/1
Date Prepared		02/15/2014	02/15/2014			
Preparation Method						
Date Analyzed		02/15/2014				
Matrix		Water	Water		~	
Units	-	ug/L	ug/L			
Dilution Factor		5	5			
Analytes	PQL	Results	Results			
Acetone	25.0	ND	ND	an geneting and the construction of the second s	#199579465454549498664459694459684445968449999999999	Subtransi e é
Benzene	5.00	239	555		<u>, c</u>	
Bromobenzene (Phenyl bromide)	5.00	ND	ND			
Bromochloromethane (Chlorobromomethane)	5.00	ND	ND		1922.011.000000000000011-02-02-02-02-02-02-02-02-02-02-02-02-02-	***********************************
Bromodichloromethane (Dichlorobromomethane)	5.00	ND	ND			
Bromoform (Tribromomethane)	25,0	ND	ND			
Bromomethane (Methyl bromide)	15.0	ND	ND			••••••••••••••••••••••••••••••••••••••
2-Butanone (MEK, Methyl ethyl ketone)	25.0	ND	ND		inter and a second s	A de la desta de la calencia de la conservação de properos
n-Butylbenzene	5.00	ND	ND			
sec-Butylbenzene	5.00	ND	מא			
tert-Butylbenzene	5,00	ND	ND	00100000000000000000000000000000000000	*****	, 400-602-00-60766076-00-201-600-00-00-00-00-00-00-00-00-00-00-00-00
Carbon disulfide	5.00	ND	ND			
Carbon tetrachlorido (Tetrachloromethane)	5,00	ND	ND			
Chlorobenzone	5.00	DM	123		f	••••••••••••••••••••••••••••••••••••••
Chloroethane	15.0	ND	ND	lenend niste washednikilikiliki		. presidential calification of the control of a state of the control of the contr
2-Chloroethyl vinyl ether	25.0	ND	ND			
Chloroform (Trichloromethane)	5,00	מא	ND	5	a na manana na katala na pinana na katala	
Chloromethane (Methyl chloride)	15.0	ND	ND			
4-Chlorotoluene (p-Chlorotoluene)	5.00	D D	ND		1979 (A	
DIPE	10.0	ND	ND			·····
2-Chlorotoluene (o-Chlorotoluene)	5.00	ND	ND			
1,2-Dibromo-3-chloropropane (DBCP)	25.0	ND	ND	A CHINAN CLUMMA CONTRACTOR CONTRACTOR		Willing Street Street Street Street
Dibromochloromethane	5.00	ND	ND	•		
1,2-Dibromoethane (EDB, Ethylene dibromidc)	5.00	D	ND			************
Dibromomethane	5.00	ND	ND		1959-4993924956056056060609909994	
1,2-Dichlorobenzene (o-Dichlorobenzene)	5.00	ND	מא			ľ
1,3-Dichlorobenzene (m-Dichlorobenzene)	5.00	ND	ND		INTERNET CONTRACTOR OF THE OWNER CONTRACTOR	n beste internet des sons workers an annagene
1,4-Dichlorobenzene (p-Dichlorobenzene)	5.00	ND	NĎ	101812101001011111011011111111111111111	************************************	
Dichlorodifluoromethane	15.0	ND	ND			1



AMERICAN SCIENTIFIC LABORATORIES, LLC Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Page:		10

		ASL Job Number	Submitted	Client
Project Name:	Port DC	59849	02/12/2014	SCS-LB
		Lauran and an		********

Method: 8260B, Volatile Organic Compounds and 6 oxygenates

311137 MW-10R 02/12/2014 02/15/2014 Water ug/L 5 Results ND ND ND ND ND ND ND ND ND ND	311141 MW-29 02/12/2014 02/15/2014 02/15/2014 Water ug/L 5 Results 39.0 ND ND ND ND 10.3 21.9 ND 10.5 ND ND 13.3 ND ND ND			
02/12/2014 02/15/2014 02/15/2014 Water ug/L S Results ND ND ND ND ND ND ND ND ND ND ND ND ND	02/12/2014 02/15/2014 02/15/2014 Water ug/L 5 Results 39.0 ND ND ND 10.3 21.9 ND 10.5 ND ND 10.5 ND ND ND ND ND ND ND ND ND ND ND ND ND			
02/15/2014 02/15/2014 Water ug/L S Results ND ND ND ND ND ND ND ND ND ND	02/15/2014 02/15/2014 Water ug/L 5 Results 39.0 ND ND ND 10.3 21.9 ND 10.5 ND ND 13.3 ND			
02/15/2014 Water ug/L 5 Results ND ND ND ND ND ND ND ND ND ND ND ND ND	02/15/2014 Water ug/L 5 Results 39.0 ND ND ND 10.3 21.9 ND 10.5 ND ND 13.3 ND			
Water ug/L 5 Results ND ND ND ND ND ND ND ND ND ND	Water ug/L 5 Results 39.0 ND ND 10.3 21.9 ND 10.5 ND 10.5 ND 13.3 ND			
Water ug/L 5 Results ND ND ND ND ND ND ND ND ND ND	Water ug/L 5 Results 39,0 ND ND ND 10.3 21.9 ND 10.5 ND 13.3 ND			
ug/L 5 Results ND ND ND	ug/L 5 Results 39.0 ND ND 10.3 21.9 ND 10.5 ND ND 13.3 ND			
5 Results ND ND ND ND ND ND ND ND ND S17 ND ND ND	5 Results 39,0 ND ND ND 10.3 21,9 ND 10.5 ND ND ND 13.3 ND			
Results ND ND ND ND ND ND ND ND ND ND ND ND ND	Results 39.0 ND ND ND ND 10.3 21.9 ND 10.5 ND 10.5 ND 13.3 ND 13.3			
ND ND ND ND ND ND ND ND ND S1.7 ND ND ND ND ND ND	39,0 ND ND ND ND 10.3 21,9 ND 10.5 ND ND ND 13.3 ND			
ND ND ND ND ND ND ND ND S17 ND ND S17 ND	ND ND ND 10.3 21.9 ND 10.5 ND ND 13.3 ND			
ND ND ND ND ND ND ND ND 51.7 ND ND ND	ND ND ND 10.3 21.9 ND 10.5 ND ND 13.3 ND			
ND ND ND ND ND ND ND 51.7 ND ND ND	ND ND 10.3 21.9 ND 10.5 ND ND 13.3 ND			
ND ND ND ND ND ND 517 ND ND ND	ND 10.3 21.9 ND 10.6 ND ND 13.3 ND			
ND ND ND ND ND ND 517 ND ND ND	10.3 21.9 ND 10.5 ND ND 13.3 ND			
ND	10.3 21.9 ND 10.5 ND ND 13.3 ND			
ND ND ND ND ND S17 ND ND ND	21.9 ND 10.5 ND ND 13.3 ND			
ND ND ND ND 51.7 ND ND	ND 10.5 ND ND 13.3 ND			
ND ND ND 51.7 ND ND	10.5 ND ND 13.3 ND			
ND ND ND 517 ND ND	ND ND ND 13.3 ND			
ND ND 51.7 ND ND	ND ND 13.3 ND			
ND 517 ND ND	ND 13.3 ND			
517 ND ND	13.3 ND		540 00540400000000000000000000000000000	
ND ND	ND	······································	260 0036/1606/201-21-027	
ND				
	NU			
24.4			and an	Lammanum manimum varimum mini
	ND			
ND	ND	1748/08741/- 805/-1260/4/0802/020098/02	×A 108.44/106.00040.0001.140.0002.0008040.000	
ND	ND			
ND	ND			
ND	ND			
7.10	ND			
ND	ND			
12.9	ND			
545	ND			
ND	ND			
ND	ND CIM		·	
ND	ND			and the state of the second
ND	ND			
an .	ND			(
ND	27.4	****	** ****	******
ND	ND	[····	· · · · · · · · · · · · · · · · · · ·	[
	ND			terrano de la contra
1	אייייידייידיייידיייייייייייייייייייייי		****	
	1 11M			┟╼╶╷
ND	ND	<u> </u>		
	ND ND ND ND ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND ND



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Page:	11	
Project Name:	Port DC	

less less	ASL Job Number	Submitted	Client	
	59849	02/12/2014	SCS-LB	

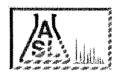
Method: 8260B, Volatile Organic Compounds and 6 oxygenates

	QC Batch No	: W2B-021414		 11. ULNI LIPPIPARE INCOMPANY	
Our Lab I.D.		311137	311141		
Client Sample 1.D.		MW-10R	MW-29		
Date Sampled	10000000000000000000000000000000000000	1	02/12/2014	116m - 110-110-11	
Date Prepared		02/15/2014	02/15/2014	 	
Preparation Method					
Date Analyzed		02/15/2014	02/15/2014	 	
Matrix		Water	Water	 The August A MAR	
Units		ug/L	ug/L		
Dilution Factor		5	5		
Analytes	PQL	Results	Results		
Trichlorofluoromethane	5,00	ND	ND	 1994974974974974497449744974497449744974	
1,2,3-Trichloropropane	5,00	ND	ND		
1,2,4-Trimethylbenzene	5,00	ND	ND		
1,3,5-Trimethylbenzone	5.00	ND	ND		
Vinyl acetate	25.0	ND	ND		
Vinyl chloride (Chloroethene)	15.0	ND	ND		
o-Xylene	5,00	ND	14.8	[
m-& p-Xylenes	10.0	25.3	21.3		· ·

		*****	100145.00640.50	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	 energiese and a second s
Our Lab LD,		311137	311141		
Surrogates	% Rec. Limit	% Rec.	% Ree.		
Surrogate Percent Recovery	·····	<u> </u>		6	
Bromofluorobenzene	70-120	85	96		idide a state
Dibromofluoromethane	70-120	114	95		
Toluene-d8	70-120	103	108		

QUALITY CONTROL REPORT

			QC Batch	No: W2B-0	21414	 		-
	MS	MS DUP	RPD	MS/MSD	MS RPD			
Analytes	% REC	% REC	%	% Limit	% Limit			
Benzene	103	99	4.0	75-120	15	 inina aatad kan ten teli tinan ten	586555555555555555555555555555555555555	
Chlorobenzene	109	105	3.7	75-120	15			
1,1-Dichloroethene	107	104	2.8	75-120	15			
(1,1-Dichloroethylene)						 		
MTBE	105	98	7.8	75-120	15			
Toluene (Methyl benzene)	84	84	<1	75-120	15			
Trichloroethene (TCE)	100	98	2.0	75-120	15			



AMERICAN SCIENTIFIC LABORATORIES, LLC Environmental Testing Services

2520 N. Sun Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

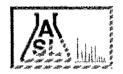
Ordered	Ву
SCS Engin	eers
	y Airport Way #100
Long Beac	h, CA 90806-
Telephone	: (562)426-9574
Attn:	Bob Gutzler
Page:	12

			ASL Job Number	Submitted	Client
Project Name:	Port DC		59849	02/12/2014	SCS-LB
				auguarumunga nonun nandari in inderida salah kinada nisi mila mila da ka	arr concernation encourse and a second

Method: 8260B, Volatile Organic Compounds and 6 oxygenates

QC Batch No: W2B-021414

	WO DAIGH IN	o: W2B-021414				
Our Lab I.D.		311139				
Client Sample I.D.		MW-27			_	
Date Sampled		02/12/2014				
Date Prepared		02/15/2014				
Preparation Method			-			
Date Analyzed		02/15/2014				
Matrix		Water				
Units		ug/L	6 · · · • • • • •			
Dilution Factor		20.				
Analytes	PQL	Results				
Acetone	100	ND	0000-1100-1-0-0000		· · · · ·	
Benzene	20.0	57.2				·
Bromobenzene (Phenyl bromide)	20.0	ND		**************************************	× ************************************	bothattentannen manatup, marga
Bromochloromethane (Chlorobromomethane)	20,0	ND				
Bromodichloromethane (Dichlorobromomethane)	20.0	ND			i in the second s	
Bromoform (Tribromomethane)	100	ND				***************************************
Bromomethane (Methyl bromide)	60.0	NĎ	***********			
2-Butanone (MEK, Methyl ethyl ketone)	100	ND	··· , ·· ···		e generation 2. South on South Children in	
n-Bulylbenzene	20.0	ND	ungingufininnngight, k			
sec-Butylbenzene	20.0	ON			1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -	
tert-Butylbenzone	20.0	ND				· · · · · · · · · · · · · · · · · · ·
Carbon disulfide	20.0	ND	**********	80-kityj-ĝi-diuty¥jyyunjinuunimumumumu	······	7
Carbon tetrachloride (Tetrachloromethane)	20.0	ND		-, -,		**************************************
Chlorobenzene	20.0	ND		Ne folia il III i dyoga o gion fono transmonto		
Chloroethane	60.0	an	u		***************************************	* ************************************
2-Chloroethyl vinyl ether	100	ND	**************************************	1	1	
Chloroform (Trichloromethane)	20.0	ND			******	********
Chloromethane (Methyl chloride)	60.0	מא	*****			
4-Chlorotoluene (p-Chlorotoluene)	20.0	ND	ini nama sana Shana mara na	me personalisen anna generatik kongen anasisu	C-17509-199499999994-14-509494-4-4cc846c-vvvto	1. (utužnovy) 4774 (10,000)
DIPE	40.0	ND			· · · · · · · · · · · · · · · · · · ·	-
2-Chlorotoluene (o-Chlorotoluene)	20.0	ND	iidiid Hadtol offerrottoon vascono	*****		
1,2-Dibromo-3-chloropropane (DBCP)	100	ND	***************************************			i WW.intel ^a intel ^a intenanti ^a interanteranteranteranteranteranterantera
Dibromochloromethane	20.0	ND		· ·		
1,2-Dibromoethane (EDB, Ethylene dibromide)	20.0	ND				·/···
Dibromomethane	20.0	ND				· ····································
1,2-Dichlorobenzene (o-Dichlorobenzene)	20.0	ND	2009.012000.077720027129000000000	***	*******	
1,3-Dichlorobenzene (m-Dichlorobenzene)	20.0	ND		·		
1,4-Dichlorobenzone (p-Dichlorobenzene)	20.0	ND		1		· · · · · · · · · · · · · · · · · · ·
Dichlorodifluoromethane	60.0	NĎ	fen an verstanden en e	90		
ไรดดางการการการการการการการการการการการการการก					+	+



AMERICAN SCIENTIFIC LABORATORIES, LLC Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Page:

13

		ASL Job Number Submitted	Client
Project Name:	Port DC	59849 02/12/2014	

Method: 8260B, Volatile Organic Compounds and 6 oxygenates

	QC Batch N	o: W2B-021414				
Our Lab LD.		311139			ľ	
Client Sample I.D.		MW-27		· · · · · · · · · · · · · · · · · · ·	101011-2000-201-201-201-201-201-201-201-	(
Date Sampled		02/12/2014			·····	· · · · · · · · · · · · · · · · · · ·
Date Prepared		02/15/2014	***************************************		laitadatilaanatin wixe tapap. Youn waa ayaayo	********
Preparation Method	zionis allantesistati atellista et allestanise	Kale to the contract of the co		1	1	· ·
Date Analyzed		02/15/2014				Contraction and the second second second
Matrix	******	Water				
Units	00000 Daagda 202000 Tisa 2010 Dinisis - 51-427	ug/L				******
Dilution Factor		20	«*************************************			ooralistaaniistaanna Promisiaanaan
Analytes	PQL	Results				
1, I-Dichloroethane	20.0	ND	مرياريا والمترادية المالية المتعالية ومسمعه معمدهم			
1,2-Dichloroethane	20.0	ND				
1,1-Dichloroethene (1,1-Dichloroethylene)	20.0	ND		} i		
cis-1,2-Dichloroethene	20.0		***************************************			
trans-1,2-Dichloroethene	20.0	ND				
1,2-Dichloropropane	20.0	3870				e en en esta de constituição de presidente en entre interesta de construição de construição de construição de c
1,3-Dichloropropane	20.0	ND	35882683765376535888449453964355443574437444		· ·	
2,2-Dichloropropane	20.0	ND	· · · ·			
	20.0	ND				
1,1-Dichloropropenc	20.0	ND		.		
cis-1,3-Dichloropropene	40.0	ND		• ••••••••••••••••••••••••••••••••••••		a a service management of the second s
ETBE	2		1			
trans-1,3-Dichloropropene	20.0	ND		·		
Ethylbenzene	20.0	ND	anatoo ga aa aa aa ah			
Hexachlorobutadiene (1.3-Hexachlorobutadiene)	60.0	ND				
2-Hexanone	1.00	ND		a containe perfection at a possibility post.		
Isopropylbenzenc	20,0	ND				
p-Isopropyltoluene (4-Isopropyltoluene)	20.0	ND				
MTBE	40.0	ND				
4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone)	100	ND				
Methylene chloride (Dichloromethanc, DCM)	100	ND	-			
Naphthalene	20.0	ND		-		
ТАМЕ	40.0	ND		1		
n-Propylbenzene	20.0	ND				
TBA	200	ND				
Styrene	20.0	מא	- · · · · ·	han har		
1,1,1,2-Tetrachloroethane	20.0	ND			a ataina ataina 11	
1,1,2,2-Tetrachloroethane	20.0	ND	·	- iisiim. · · · · · · · · · · · · · · · · · · ·	£	5
tert-amyl Alcohol	2000	ND	20000000000000000000000000000000000000		4	1 09.
Tetrachloroethene (Tetrachloroethylene)	20.0	ND			-	
Toluene (Methyl benzene)	20.0	ND			1	
1,2,3-Trichlorobenzene	20.0	ND				
1,2,4-Trichlorobenzene	20.0	ND		+		
· · · · · · · · · · · · · · · · · · ·	20.0	ND			-	
1,1,1-Trichloroethane 1,1,2-Trichloroethane	20.0	ND			,	
I T T T T T T T T T T T T T T T T T T T		ND				a
Trichloroethene (TCE)	20.0	NU			1	<u> </u>



AMERICAN SCIENTIFIC LABORATORIES, LLC Environmental Testing Services

2520 N. Sam Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Page:

14

		 ASL Job 1	Number	Submitted	Client
Project Name:	Port DC	598	10	02/12/2014	SCS-LB
<u></u>					

Method: 8260B, Volatile Organic Compounds and 6 oxygenates

Our Lab LD.	do Bartin Ho	: W2B-021414 311139	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			**************************************
	·····	dimminiation and		in entrationary any any any any any any any any any an	80991 inclinitustinumanen	
Client Sample I.D.		MW-27				
Date Sampled	·····	02/12/2014		20 AME 201 ATLAN / 72		
Date Prepared		02/15/2014				
Preparation Method)) ()
Date Analyzed		02/15/2014				t
Matrix		Water	_ unvo _ , ,	- Pristan Internetic State Stat	Shee 1984(1997) /	
Units		ug/L		, , , , , , , , , , , , , , , , , , ,	**************************************	
Dilution Factor		2.0	normingeneration providing but bas of CASA	420.05464491.0550055009599550000000000000000000000	······	
Analytes	PQL.	Results	· · ·			**************************************
Trichlorofluoromethane	20.0	ND	*************************************			
1,2,3-Trichloropropane	20.0	241		······································	1969 800000000000000000000000000000000000	
1,2,4-Trimethylbenzene	20.0	ND				***************************************
1,3,5-Trimethylbenzene	20.0	ND .	******	68 - 26 Stand State and Streements and S		
Vinyl acetate	100 -	ND			******	
Vinyl chloride (Chloroethene)	60.0	ND	non genne i genger pri genger pri station.	(or bool))yikaniyanay		
o-Xylene	20.0	ND			**************************************	
m- & p-Xylenes	40.0	ND				
Our Lab I.D.	SZZDOSSA DOLIELIEN ELIAEDEN ELEN LINN LINN HEINEN DIE GENALUN EN GENALUN ANGER AND AN AND AND AND AND AND AND A	311139	*************************		************************************	
Surrogates	% Rec.Limit		9-49-510-999-999-9999-999-999-999-999-999-999-	**************************************		, <u>, , , , , , , , , , , , , , , , , , </u>
Surrogate Percent Recovery	CAUGURA Carlon on on one of the second se			m manta norrumi technolosus alasadaa	men menereter (1950) men av a v v	` <u>-</u>

A REAL AND A	[1			
Bromofluorobenzene	70~120	97				······································
Dibromofluoromethane	70-120	94		17797-0777530754298825428863942842844284		
Toluene-d8	70-120	102			· .	***************************************
			***************************************			L

QUALITY CONTROL REPORT

QC Batch No: W2B-021414

				1		2778300702604604004004004004				~ _
	MS	MS DUP	RPD	MS/MSD	MS RPD					
Analytes	% REC	% REC	%	% Limit	% Limit					
Benzène	103	99	4.0	75-120	15	********	57.4.0769.4.00000.00000.0000.0000			***********
Chlorobenzene	109	105	3.7	75-120	15	•		*************	- Mercenerssensensensensensen	
I,1-Dichloroethene	107	104	2.8	75-120	15		N ninishi			
(1,1-Dichloroethylenc)										
MTBE	106	98	7.8	75-120	15				*******	********
Toluene (Methyl benzene)	84	84	<1	75-120	15	*****************			i niidrichtermennen	
Trichloroethene (TCE)	100	98	2.0	75-120	15	n - 1	1			**************************************

Appendix D

Groundwater Concentration Graphs January 2014

Technical Report - Site Closure

March 2014

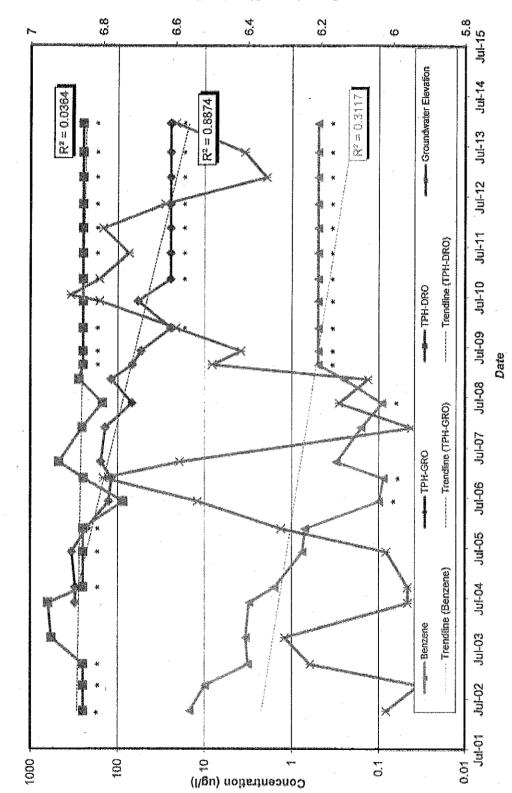


Figure F-1. MW-5R Concentrations Over Time, San Pedro Business Center

* indicates data point is 1/2 detection limit, contaminant was not detected

Groundwater Elevation (feet mel)

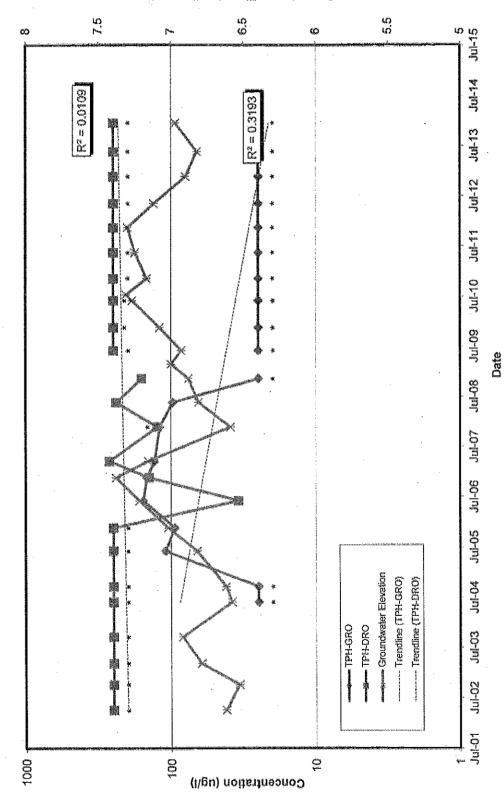


Figure F-2. MW-8 Concentrations Over Time, San Pedro Business Center

* indicates data point is 1/2 detection limit, contaminant was not detected

Groundwater Elevation (feet mai)

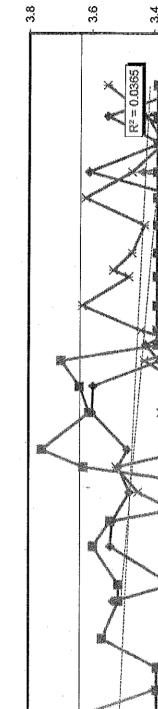
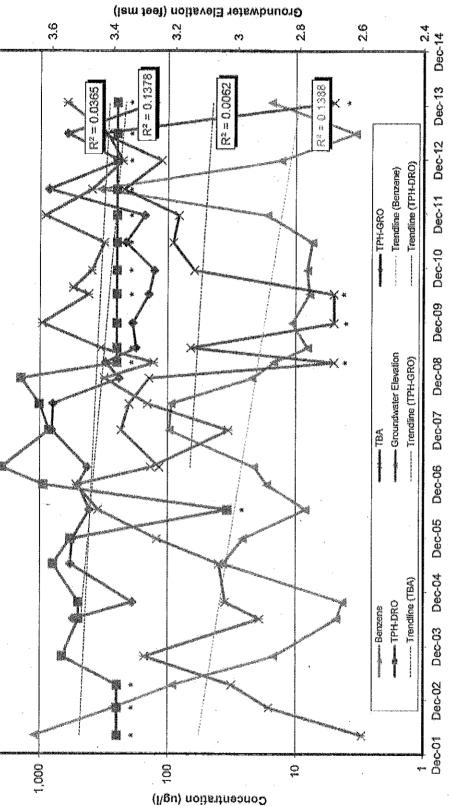


Figure F-3. NW-9R Concentrations Over Time, San Pedro Business Center



* indicates data point is 1/2 detection limit, contaminant was not detected

Date

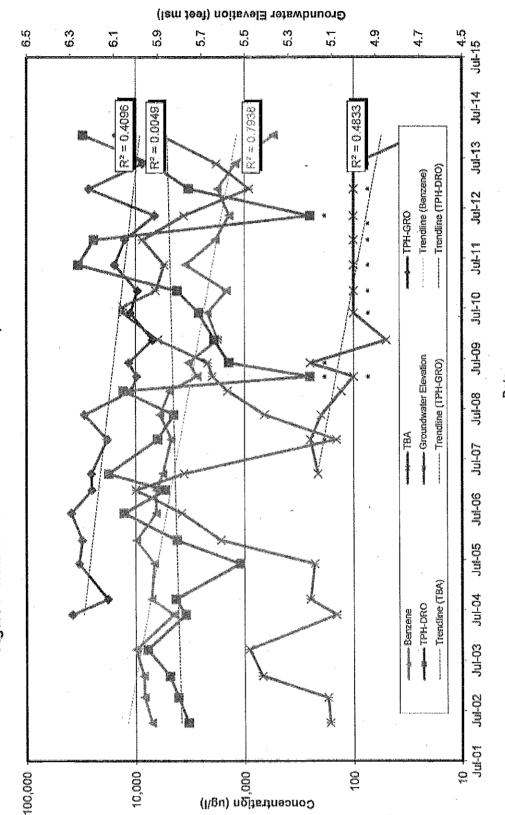


Figure F-4. MW-10R Concentrations Over Time, San Pedro Business Center

* indicates data point is 1/2 detection limit, contaminant was not detected

Date

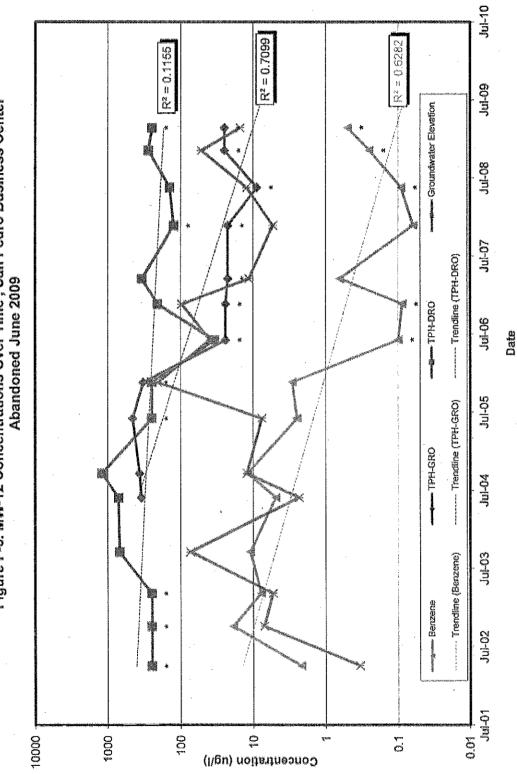


Figure F-5. MW-12 Concentrations Over Time , San Pedro Business Center Abandoned June 2009

(lem fevation (feet mail)

* indicates data point is 1/2 detection limit, contaminant was not detected

EXHIBIT 3





MATTHEW FLORAIQUEZ BEORATARY FOR BEVINGUMENTAL PROYECTION

Los Angeles Regional Water Quality Control Board

Western Fuel Oil San Pedro Site Meeting May 15, 2014

AGENDA

- Introduction
- Status of Investigation
 - Presence of Sources for Groundwater Impact
 - Unstable Groundwater Plume

Incomplete Groundwater Delineation

Status of Cleanup

Soil

Sources for Groundwater Impact and Dissolved Plume

Discussion

Paths to Closure

CHARLES STRINGER, CHAIR | SAMUEL UNGER, EXECUTIVE OFFICER

320 West 4th SL, Sulte 200, Los Angeles, CA 90013 | www.wsterboards.ca.gov/losengeles

CA RECYCLED PAPER

Site History

The Site is comprised of approximately 88 acres and was operated as an oil refinery from approximately 1923 to 1948. Its capacity was in the range of 8,000 to 10,000 barrels per day. The property was then operated as a storage terminal and transfer facility from approximately 1950 to 1995 for residual and heavy fuel oils, automotive fuels and basic chemical stocks. The Site also includes a former 20-acre scrap metal facility that operated from 1986 to 1995.

Status of Investigation

Presence of Sources for Groundwater Impact

Based on the laser-induced fluorescence rapid optical scanning tool (LIF-ROST) investigation performed in 2011 within the limited areas of the Site, discharged waste are still present in the subsurface as sources for groundwater contamination. Currently, free product is present in groundwater monitoring wells that are located about 750 feet apart (MW-19R, MW-6R and MW-14R). Presence of free product means that the discharged waste, light non-aqueous phase liquid (LNAPL), is mobile. For these wells, groundwater samples were collected beneath the free product to characterize LNAPL. In addition to the typical petroleum hydrocarbon compounds, fuel oxygenates are present as below indicating remaining LNAPL beneath the Site is a source for groundwater contamination with fuel oxygenates:

Groundwater	Date Sampled	MTBE (µg/L)	TBA	TAA
Monitoring Well			(µg/L)	$(\mu g/L)$
MW-6R Shallow	8/9/2007	289	11,900	31,500
MW-6R Deep	8/9/2007	283	13,200	37,900
MW-14R	8/9/2007	ND <250	18,400	11,200
Shallow				
MW-14R Deep	8/9/2007	ND <250	15,000	9,220
MW-19R	8/9/2007	ND <500	ND <1,000	1,260
Shallow				

μg/L = Microgram per Liter MTBE = Methyl tertiary-butyl either TBA = Tertiary-butyl alcohol TAA = Tertiary-amyl alcohol ND = Non detect

Fuel oxygenates are highly soluble and migrate rapidly following preferential groundwater flow paths. Since the 2011 LIF-ROST investigation covered only the limited areas of the Site and confirmed the presence of LNAPL, further investigation for a site-wide assessment and remedy of the impacted groundwater are warranted.

Unstable Groundwater Plume

Concentrations of total petroleum hydrocarbons (TPH) ranging from C10-C28 in the groundwater monitoring well MW-24, located in the internal part of the current groundwater monitoring network, have an increasing trend since 2012 as follows:

Date Sampled	TPH C10-C28 Concentration
MW-24	(µg/L)
June 2011	<500
December 2011	<500
May 2012	45,100
December 2012	74,800
June 2013	79,900

A groundwater sample beneath free product was collected in November 2013 from the groundwater monitoring well MW-6R, located about 15 feet away from MW-24, and tested for TPH C10-C28. The data showed that TPH C10-C28 concentration was 2,050,000 μ g/L, indicating LNAPL remaining beneath the Site is a source for TPH C10-C28. Since June 2013, a deep groundwater monitoring well MW-20D (screen interval from -83 to -98 feet mean sea level; top of well casing 102 feet above mean sea level), located 120 feet upgradient of MW-6R, was detected with TPH C10-C28 ranging from 642 to 2,710 μ g/L, suggesting that the dissolved plume is expanding and continuing impact to groundwater from free product.

Work conducted for MW-24 is as follows:

9/11/2013Workplan for MW-24 source evaluation was approved10/30/2013To monitor MW-24 quarterly11/14/2013Well head modification plan for MW-24 was approved

Incomplete Groundwater Delineation

In January 2014, offsite groundwater monitoring wells MW-26 to MW-29 were monitored for the first time after installation. The results showed elevated concentration of TPH C6-C10 and benzene. Based on recent data and the shallow groundwater flow direction, contaminated plume remains mobile and continues to move offsite. Additional offsite groundwater monitoring wells are warranted in the area directly east of groundwater monitoring wells with free product (MW-6R, MW-14R and MW-19R) to further assess and monitor the extent of the groundwater quality down gradient offsite.

The groundwater monitoring well, MW-19R, is located near the southeastern boundary of the site representing the most upgradient groundwater quality. As noted, free product is present in MW-19R. Additional onsite groundwater monitoring wells are warranted to delineate and monitor both free product and dissolved plumes in areas upgradient and cross-gradient of MW-19R.

California Water Code Section 13267 Order that was issued on February 4, 2010 states... "You have not yet completed site contamination characterization and have not organized site investigation data into a conceptual site model to assess the full extent of the groundwater contamination. The Regional Board needs the required reports in order to complete the vertical and lateral delineation of the groundwater contamination plume and properly implement remedial measures." In compliance with the Order BlackRock installed four offsite downgradient groundwater monitoring wells in December 2013.

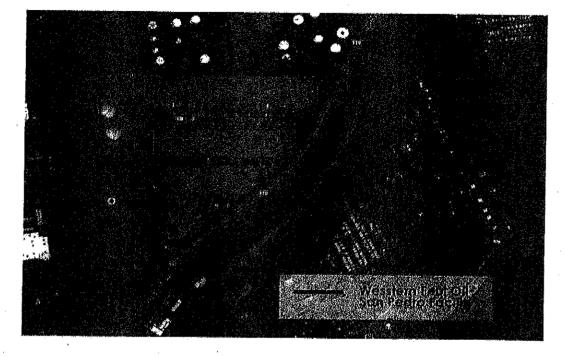
8/21/2012	Workplan for installation of offsite downgradient monitoring wells
	submitted
12/11/2012	Installation workplan approved
7/11/2013	2 nd time extension approved
12/11/2013	Installation report submitted
3/26/2014	Quarterly groundwater monitoring to be performed

Groundwater delineation for dissolved plumes should be completed in order to review adequately the submitted corrective action plan and feasibility study in September 2011.

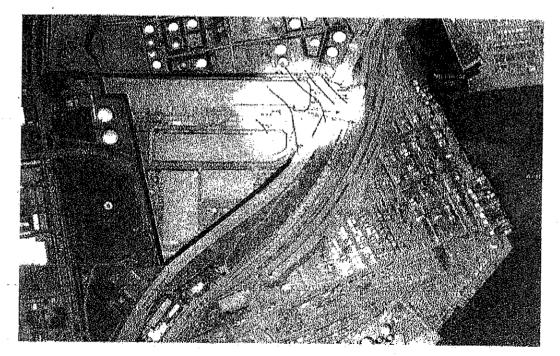
Paths to Closure

- 1. A complete delineation of impacted groundwater on and offsite.
- 2. Set cleanup goals and remediate the impacted groundwater plume.
- 3. Collect confirmation samples to document that the cleanup is complete.

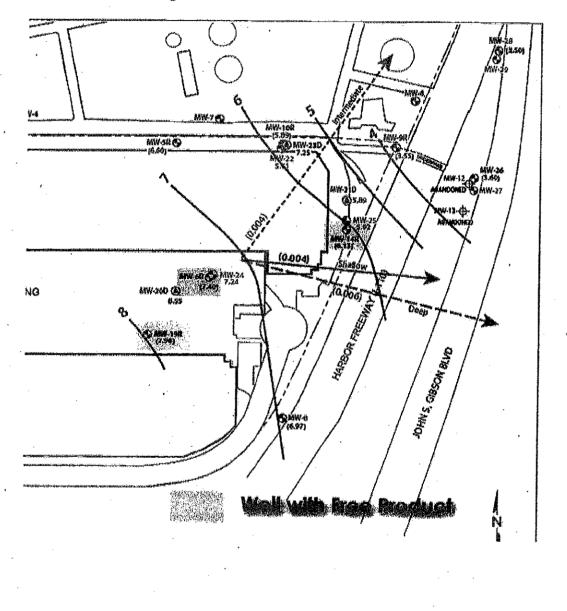




Groundwater Monitoring Wells



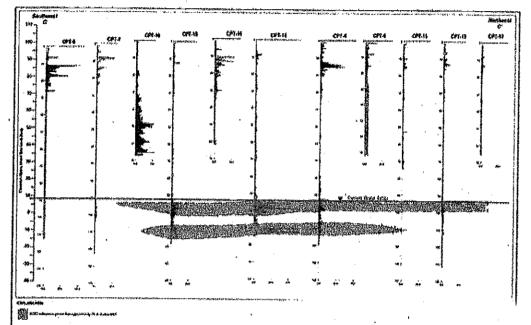
ţ,



Groundwater Monitoring Wells with Free Product

ţ

Sources for Groundwater Impact



1

EXHIBIT 4



ENGINEERS

Response to Comments on Site Closure Status

Port LA Distribution Center (CAO 85-17, SLIC No. 352, Site ID 2040069) 300 Westmont Drive San Pedro, California 90733

Presented to: Mr. Sam Unger California Regional Water Quality Control Board Los Angeles Region 320 West 4th Street, Suite 200 Los Angeles, California 90013

Prepared for: Mr. Leland Nakaoka BlackRock Realty Advisors 4400 MacArthur Boulevard, Suite 700 Newport Beach, California 92660

Presented by: SCS Engineers 8799 Balboa Avenue, Suite 290 San Diego, California 92123 (858) 571-5500

June 11, 2014 Project Number: 01205525.08

> Offices Nationwide www.scsangineers.com

June 11, 2014

Mr. Sam Unger California Regional Water Quality Control Board Los Angeles Region 320 West 4th Street, Suite 200 Los Angeles, California 90013

Subject: Response to Comments on Site Closure Status (CAO 85-17, SLIC No. 352, Site ID 2040069)

Site: Port LA Distribution Center 300 Westmont Drive San Pedro, California 90733 Cleanup Abatement Order No. 85-17 Site Cleanup Program No. 352

Dear Mr. Unger:

SCS Engineers (SCS) is pleased to present this Response to Comments on Site Closure Status on behalf of our client BlackRock Realty Advisors (BlackRock).

This response concerns the comments received from the Los Angeles Regional Water Quality Control Board (RWQCB) regarding discussion of closure of the Port LA Distribution Center, as presented by the RWQCB in the meeting agenda and during our meeting on May 15, 2014.

BlackRock has submitted documents that demonstrate that releases of petroleum hydrocarbons at the Site have been sufficiently mitigated to be protective of human health and the beneficial uses of water resources. The Site data not only meet and are consistent with prior investigations and remediation directives provided, but the Site also meets the criteria of the State Water Resource Control Board's Low-Threat Underground Storage Tank Case Closure Policy and Resolution No. 92-49. On the basis of meeting these criteria, SCS has requested and reiterates, on behalf of our client BlackRock, that the RWQCB issue a "no further action" letter and close the Cleanup Abatement Order No. 85-17 and associated release case, Site Cleanup Program No. 352.

If you have any questions, please contact us at (858) 571-5500.

Sincerely Daniel E. Johnson Vice President Mr. Leland Nakaoka (w/encls.) ¢¢:

JAL GE Robert O. Gutzler, PhD, PC 7 Robert O. Gutzle Senior Project Professional Å. No. 6571 OF CA

1.0 BACKGROUND

On May 15, 2014, a meeting was held at the Los Angeles Regional Water Quality Control Board (RWQCB) offices to discuss the *Technical Report in Support of Request for Closure* (Technical Report), of the *Port LA Distribution Center*, located at 300 Westmont Drive, San Pedro, *California 90733 (Site) (CAO 85-17, SLIC No. 352, Site ID 2040069)*, submitted by SCS Engineers (SCS) to the RWQCB on March 18, 2014. The meeting was attended by representatives of the RWQCB, the State Water Resources Control Board (SWRCB), BlackRock Realty Advisors (BlackRock), Nossaman LLC, Aqui-Ver, Inc. (AVI), and SCS. The agenda and supporting documents provided by the RWQCB for this meeting are attached (Exhibit A).

This response pertains to the RWQCB's analysis of the Site status (as outlined in the "Status of Investigation" portion of their agenda). This response both provides a summary of the discussion and commentary from participants at the May 15, 2014, meeting and a rebuttal to the RWQCB's position.

The Technical Report notes that the Site conditions are consistent with closure under the SWRCB's Low-Threat Underground Storage Tank Case Closure Policy (Policy) and recommends closure of the release case associated with the Site. Such conditions reflect the 25-plus years of extensive investigation, characterization, remediation, and monitoring, including an estimated \$40 million remediation program, approved and overseen by the RWQCB. These efforts resulted in an aged and stable light non-aqueous phase liquid (LNAPL) and dissolved-phase plume, which is located in an area with poor groundwater quality (high salinity and total dissolved solids) that is unlikely to be developed in the future. In short, the Site does not pose a threat to or impair the beneficial use to the waters of the State and does not pose a threat to other sensitive receptors.

Despite this body of work, and rather than responding to the technical arguments in support of closure presented in the Technical Report, the RWQCB responded that it does not have sufficient information to evaluate the Site, and stated that closure would require more investigation. SCS disagrees with the RWQCB's assessment.

1.1 BASIS FOR CLOSURE

Based on SCS' analysis, as described in detail in the Technical Report, SCS believes the petroleum release at the Site exhibits attributes consistent with petroleum UST releases and the Site should be considered for closure under the Policy. The Technical Report notes that the on-Site release is old and well-characterized, and that, as a result of the successful long-term cleanup efforts, the LNAPL and dissolved-phase plumes are stable. The evaluations of Site conditions presented in the Technical Report demonstrate that additional cleanup is unwarranted in that it would have no meaningful impact on the residual mass of LNAPL.

Response to Comments on Site Closure Status June 2014

١

The Technical Report provides a detailed discussion of the Site's consistency with cleanup goals:

- "Soil remediation at the Site is complete and the RWQCB has granted closure for Site soils. In addition, a soil vapor investigation and vapor intrusion risk assessment were completed and accepted by OEHHA, which has not been questioned by the RWQCB. Soil vapor does not pose a significant human health risk.
- "Based on the fate and transport modeling conducted by both AVI and SCS, and our review of historical as well as current groundwater monitoring data, SCS concludes that the dissolved-phase plume is stable or contained, both laterally and vertically and is unlikely to migrate to or impact sensitive receptors.
- "Given the extremely poor intrinsic water quality at the Site, and that the Site and dissolved phase plume are immediately adjacent to and upgradient of a groundwater basin without beneficial uses, the presence of CoCs in groundwater is highly unlikely to impair the beneficial uses of groundwater and the downgradient migration of CoCs will not result in exceedance of water quality objectives in the de-designated sub-area. Multiple lines of evidence have indicated that it is highly unlikely that the CoCs in groundwater from the Site will migrate to or impact surface waters present in the Northwest Slip, some 800 feet from the Site.
- "As has been previously indicated, extensive prior remediation efforts have been directed at LNAPL removal, including air sparging and soil vapor extraction (AS/SVE) as well as vacuum track purging and recovery. Literally millions of pounds of petroleum hydrocarbons have been removed from the subsurface of the Site as a result of remediation efforts. However, some LNAPL has been measured in Site wells subsequent to remediation and case closure of the soil at the Site.
- "Based on the work conducted by AVI, it is apparent that, while LNAPL is present in wells in two areas at the Site,
 - LNAPL conductivity is very low, as is LNAPL velocity, which is estimated at less than 1 foot per year, and possibly less;
 - Multiple other lines of evidence point to plume and LNAPL stability, including the age of plume and the plume morphology; and
 - LNAPL recovery using conventional methods such as hydraulic recovery or even AS/SVE, which was at one time successful in removing mass, are unlikely to induce any significant recovery using conventional designs and well spacings.
- "Under SWRCB guidance, further LNAPL recovery and remediation is not necessary nor would it be "practicable." Indeed, considering the cost, cost per pound removed, or "net benefit" as put forward by AVI, further remediation would be an imprudent use of scarce resources to protect what should, in reality, be classified as non-beneficial use groundwater.

Response to Comments on Site Closure Status

 "AVI concluded: 'Given that the site has all risk pathways contained and managed (low-risk), and given that additional cleanup would have no net benefit to the waters of the State, and a high impact to site operations that would need to cease to complete that effort, it is our opinion that no further action is warranted beyond monitoring plume stability and ongoing natural attenuation. There simply is no additional action that might be taken in the face of these beneficial site commercial operations that would have any benefit, and in a variety of scenarios would have negative net benefits.""

1.2 SITE HISTORY

The RWQCB summary noted the Site's history as an oll refinery (1923 to 1948) and storage terminal and transfer facility for fuels and chemical (1950 to 1995), and also noted that the 88-acre Western Fuel Oil (WFO) site included a 20-acre scrap metal facility that operated at its southern tip from 1986 to 1995 (the former Hiuka America property [Hiuka property]).

The Site is located in the northern portion of San Pedro within the City of Los Angeles and part of the San Pedro Business Center, a 1.8-million-square-foot warehousing and distribution complex that services hundreds of millions of dollars of goods that flow through the Port of Los Angeles. The remediation and subsequent redevelopment of the Site is one of the most notable early success stories of brownfields redevelopment in the City of Los Angeles.

The Site has been extensively studied and remediated over the nearly 30 years since the RWQCB issued Cleanup Abatement Order (CAO) 85-17, and only a minor fraction of the original hydrocarbon plume remains beneath the Site. An estimated \$40 million Site-wide remediation program was implemented from May 1998 to October 2000, via AS/SVE, soil treatment, and soil excavation for off-Site disposal. That program removed an estimated 12,000,000 pounds of petroleum hydrocarbons; additionally, an estimated 40,000,000 pounds (approximately 350,000 cubic feet) of contaminated soil were removed from the Site during construction of the Port of LA Distribution Center. This substantial cleanup effort stabilized contaminant impacts and vastly reduced the presence of free phase hydrocarbons.

The Site occupies most of the former WFO property where petroleum refinery, then terminal, storage, and transfer, operations, were conducted from 1923 to 1995. The Hiuka property is now occupied by two warehouse buildings at 301 and 401 Westmont Drive, also a part of the San Pedro Business Center. In the late 1990s, the Site was purchased by a firm specializing in brownfields redevelopment and, as discussed above, the Site was extensively remediated and then successfully redeveloped as a commercial distribution facility. Current facilities at the Site include two large warehouse buildings, a central truck parking area, and access roads around the perimeter of the Site. With the exception of very limited areas of irrigated landscaping around the perimeter of the new development, the entire area surrounding the buildings at the Site has been covered with concrete pavement, limiting surface water infiltration, and on-Site sources of groundwater recharge.

During the long history of remediation efforts at the Site, a number of consultants have performed subsurface investigations and remedial actions. Documented work began in 1985 in response to CAO 85-17 and has continued since, including the Site-wide remediation work

Response to Comments on Site Closure Status June 2014

BlackRock Realty Advisors

leading to a "no further action" letter for soil at the Site. As the investigation progressed, the RWQCB concurred with the actions taken to complete the Site characterization prior to cleanup.

The approximately 20-acre Hiuka property was used for storage and consolidation of scrap metals between 1986 and 1995. The RWQCB issued a soil closure letter for the Hiuka property on January 7, 2000. Based on the results of groundwater sampling at two monitoring wells (MW-2 and MW-8) installed north of the Hiuka property, there are no recognized groundwater contamination issues associated with the Hiuka property, which was the basis for soil closure of the Hiuka property.

In addition to the groundwater remediation described above, groundwater assessment and remediation included installation and monitoring of wells before and after the Site redevelopment, along with removal of free product from several wells since 2002. Recent assessments in response to RWQCB requirements have included evaluations of soil vapor and human health risk, possible intermediate and deeper water-bearing zone (WBZ) impacts, extensive investigations of the Site using cone-penetration testing (CPT) and rapid optical scanning technique (ROST) technologies to better define the occurrence and extent of LNAPL, ongoing assessment of the possible migration of CoCs in the shallow WBZ, and the ongoing remediation comprising free product removal from wells.

2.0 STATUS OF INVESTIGATION

The RWQCB presented their comments in the "Status of Investigation" portion of the May 15, 2014, meeting agenda under three general topics, as discussed below. The RWQCB comments have been summarized for each topic, followed by the SCS response. In each instance, SCS disagrees with the RWQCB's assessment.

2.1 PRESENCE OF SOURCES FOR GROUNDWATER IMPACT

The RWQCB noted that, based on the results of Site assessment, particularly the 2011 LASERinduced fluorescence (LIF) ROST investigation, LNAPL is known to be present beneath the Site. Laboratory analysis of the LNAPL samples collected in 2007 from three groundwater monitoring wells located in the northeastern portion of the Site indicated that, along with petroleum hydrocarbons, fuel oxygenates were present. The fuel oxygenates included methyl tertiary-butyl ether (MTBE), tertiary-butyl alcohol (TBA), and tertiary-amyl alcohol (TAA), all of which were noted to be highly soluble and capable of relatively rapid migration in groundwater. Because of the presence of LNAPL, as confirmed by the LIF-ROST investigation of the northeast portion of the Site, the RWQCB recommended further investigation of the LNAPL distribution and evaluation of a remedy of the impacted groundwater.

The investigation and remediation of LNAPL and fuel oxygenates was discussed in the Technical Report, portions of which are presented below:

The Site has been extensively studied and remediated over the nearly 30 years since the RWQCB issued CAO 85-17, and only a minor fraction of the original hydrocarbon plume remains beneath the Site. An estimated \$40 million site-wide remediation program was implemented from May

Response to Comments on Site Closure Status

BlackRock Realty Advisors

1998 to October 2000, via AS/SVE, soil treatment, and soil excavation for off-site disposal. That program removed an estimated 12,000,000 pounds of petroleum hydrocarbons; additionally, an estimated 40,000,000 pounds (approximately 350,000 cubic feet) of contaminated soil were removed from the site during construction of the Distribution Center.

During the long history of remediation efforts at the Site, a number of consultants have performed subsurface investigations and remedial actions. Documented work began in 1985 in response to CAO 85-17 and has continued since, including the Site-wide remediation work leading to a "no further action" letter for soil at the Site.

In addition to the groundwater remediation described above, groundwater assessment and remediation included installation and monitoring of wells before and after Site redevelopment, along with removal of free product from several wells since 2002. Recent assessments in response to RWQCB requirements have included evaluation of soil vapor and human health risk, possible intermediate and deeper WBZ impacts, extensive investigations of the Site using CPT and ROST technologies to better define the occurrence and extent of LNAPL, ongoing assessment of the possible migration of CoCs in the shallow WBZ, and ongoing remediation comprising free product removal from wells. Dissolved and phase-separated hydrocarbons have been detected in groundwater wells at the Site. However, the lateral extent of both the dissolved phase and areas where LNAPL accumulates in wells are bounded or can be inferred and appear to be remarkably stable, based on a comparison of historical and current groundwater quality data, as well as significant statistical analyses.

The RWQCB asserts in their analysis attached to their meeting agenda:

"Based on the laser-induced fluorescence rapid optical scanning tool (LIF-ROST) investigation performed in 2011 within the limited areas of the Site, discharged waste[s] are still present in the subsurface as sources for groundwater contamination. Currently, free product is present in groundwater monitoring wells that are located about 750 feet apart (MW-19R, MW-6R, and MW-14R). Presence of free product means that the discharged waste, light non-aqueous phase liquid (LNAPL), is mobile."

SCS disputes, in particular, the RWQCB assertion that the presence of free product in a well means it is mobile. This interpretation in inconsistent with SWRCB guidance developed for the Policy.

LNAPL mobility, stability, and recovery were extensively evaluated in the Technical Report. This evaluation confirmed that the LNAPL plume is stable and confined. A weight of evidence approach, wherein multiple lines of evidence are considered in their totality, was used to assess LNAPL plume stability. These lines of evidence are stated below:

- Confirmation that the LNAPL releases are finite and not ongoing at the Site;
- Evaluation of the relative age of the LNAPL plumes; the older the plume, the more probable it has reached field static equilibrium;
- Evaluation of LNAPL gradients;
- Comparisons of estimated LNAPL to water conductivity values;

Response to Comments on Site Closure Status

- Evaluation of LNAPL flow;
- Review of petrophysical properties, including expectations for an entry pressure threshold; and
- Inspection of LNAPL plume distribution to consider whether the morphology is consistent with the form of a stable plume.

In their 2011 report, AVI concluded:

"In summary, for this particular site, all the factors above point to LNAPL plume stability. While there may be small-scale movement in response to localized gradients, the plume is old enough and displays all the other features of a stable plume relative to site management objectives."

In 2014, AVI reviewed current information for the Site and concluded:

"Site LNAPL transmissivity values (determined with site specific data) are much lower than the 0.1 to 0.8 ft2/day range that the Interstate Technology & Regulatory Council (ITRC) has recommended as a practical endpoint to effective hydraulic LNAPL recovery. Our detailed analysis, using site specific parameters collected by SCS, demonstrates that additional free product recovery will have no measurable beneficial effect. Other remedial options are not viable with the footprint of the Port LA Distribution Center business operations, and are not warranted given the negligible expected benefit, as detailed in our 2011 work. At this late plume stage, natural mass losses likely exceed the failingly small remaining recovery possible through hydraulic recovery."

As part of the Technical Report's analysis of the applicability of the Policy to the Site, SCS noted that LNAPL is present in wells in two areas at the Site with the following characteristics:

- "LNAPL conductivity is very low, as is LNAPL velocity, which is estimated at less than 1 foot per year, and possibly less;
- Multiple other lines of evidence point to plume and LNAPL stability, including the age of plume and the plume morphology;
- LNAPL recovery using conventional methods such as hydraulic recovery or even AS/SVE, which were at one time successful in removing mass, are unlikely to induce any significant recovery using conventional designs and well spacings; and
- Existing buildings and current tenant operations constrain the effective implementation of additional remediation measures."

The RWQCB asserts in their meeting agenda that:

"Fuel oxygenates are highly soluble and migrate rapidly following preferential groundwater flow paths. Since the 2011 LIF-ROST investigation covered only the limited areas of the Site and confirmed the presence of LNAPL, further investigation for a site-wide assessment and remedy of the impacted groundwater are warranted."

Résponse to Comments on Site Closure Status

The dissolved-phase plume conditions were extensively discussed in the Technical Report.

Although fuel oxygenates have been identified in the free product samples and in dissolvedphase groundwater samples collected from the free product wells, the results of analysis of groundwater samples collected from the on-Site well network during recent sampling events have indicated that fuel oxygenates (TAA and TBA) were present in only two wells (MW-9R and MW-24). Thus, there is no evidence that fuel oxygenates are widely distributed in dissolved-phase groundwater at the Site or that preferential pathways exist for the migration of fuel oxygenates.

AVI conducted an evaluation of the dissolved and LNAPL plumes with respect to their stability, status, and threat to the waters of the State (AVI, 2011). AVI stated that the purposes of the work regarding the dissolved-phase plume were to:

- "Evaluate the stability, potential longevity, potential impacts to groundwater utilization, and the potential fate and transport of the TBA groundwater plume; and
- Evaluate the stability of the benzene groundwater plume at the Site to assist in evaluating the LNAPL plume stability."

AVI further indicated:

"The evaluations conducted herein utilize historic groundwater concentration data, in context with other site characterization information, as a key indicator of the historical and future probable plume state. This focus was developed because groundwater is in contact with residual petroleum hydrocarbons, and understanding the stability, potential plum longevity, potential impacts to groundwater utilization, and potential fate and transport of the TBA plume and the stability of the benzene plume in relation to the LNAPL plume directly affect the long-term care requirements and closure."

AVI provided a summary of key observations with respect to the dissolved phase plume:

- The geospatial mass distributions illustrate plume stability for benzene.
- No wells were observed to exhibit increasing TBA trends, and the wells with sufficient data for a trend analysis exhibited a decreasing trend and reach the regulatory criteria by at the latest 2024 in the wells that are located along the leading edge of the plume. Thus the center of mass of the TBA plume is likely stable and is not moving downgradient.
- Worst-case scenario predictions using the mass flux from the Site to estimate maximum concentrations of TBA at a hypothetical drinking water well result in no impacts above regulatory criteria for TBA. Furthermore, utilization of groundwater from the Gage Aquifer would require treatment to remove naturally occurring dissolved phase constituents. During this treatment process TBA would most certainly be removed from the produced groundwater.
- TBA has not been detected in off-site Phillips 66 well MW-8 and has not been detected above the NL [notification level] (12 µg/L) in off-site well MW-12, both of which are

located directly downgradient of the source area. MW-8 (Phillips 66) and MW-12 have generally been monitored for TBA since it was first detected at the Site (2007); although MW-12 was abandoned in 2009.

• The plume trends and fate and transport analysis suggest that the TBA plume is stable laterally and is attenuating, which is further supported by the absence of detections in downgradient well MW-8 located on the Phillips 66 site.

 As discussed in the main body of the [CAP] report, the TBA plume is also contained vertically by predominantly upward vertical gradients in the Gage Aquifer beneath the site.

• In summary, these various layers of conservatism mirror USEPA risk assessment practices and those of ASTM to provide a direct analysis based on data, rather than models, to assess the safety of site closures under Resolution 92-49. It is estimated that the safety factors involved generate more than 3 orders of conservatism over actual expected conditions.

AVI concluded that:

"Based on the summary of findings above, the TBA plume appears to be stable and contained by natural attenuation processes. This, coupled with the marginal quality groundwater beneath the site suggest that this plume meets State standards for presenting no risk, and no threat to future groundwater use."

AVI's analysis is consistent with SCS' modeling and previous interpretation of data and lines of evidence.

2.2 UNSTABLE GROUNDWATER PLUME

The RWQCB presented total petroleum hydrocarbons (TPH) data from groundwater samples collected from monitoring wells MW-24, MW-20D, and MW-6R, and asserted that the chemical distribution indicates dissolved-phase petroleum hydrocarbons are expanding from the source free product plume.

The vertical extent of CoCs at the Site has been assessed based on sampling data from monitoring wells installed in the intermediate and deeper WBZs. The lack of impacts to the deeper WBZ is consistent with an upward vertical hydraulic gradient that has been calculated between the deep and shallow wells.

It is not clear that the presence of CoCs in MW-24 is conclusive evidence for instability of the dissolved-phase plume. AVI (2014) reviewed the MW-24 data and concluded:

"MW-24 is an intermediate depth well, located in the truck loading area of the PDC (Figure 1, site plan). As seen by the chemical hydrograph for well MW-24 (Figure 2), benzene has been generally decreasing in concentration over time, while there has been a distinct more recent rise in diesel range organics (DRO) concentrations. Benzene is a

Response to Comments on Site Closure Status

compound of concern, DRO itself is not, so the key takeaway is the ongoing expected decline in benzene concentrations is consistent with the expectations of our 2011 work. It is noteworthy that these recent DRO concentrations are well above the solubility limits of diesel fuels (typically less than 6 - 15 mg/l solubility, API 2004), meaning that the results are emulsified and invalid as a quantitative dissolved-phase measure. Therefore the apparent dissolved-phase DRO increases may not in fact be present at levels reported by the lab. However, the increasing concentrations do indicate a change in conditions. and this is of potential concern given the location of MW-24 within the trucking operations area of the PDC. The most obvious source for a new occurrence of diesel at an intermediate groundwater depth at this location is the surface trucking operations. Given the historic nature of the subject plume beneath the PDC, and the absence of significantly changed hydraulics or other conditions, there is no expectation that this DRO increase is a result of natural fate and transport processes, but rather a new and presumably short-term pulse from surface runoff infiltrating the well box. It is always problematic to have direct conduits to the aguifer under conditions where there are surface sources that can add contaminants, which are fundamentally low mass artifacts imprinted on the broader historic plume."

In summary, the diesel-range TPH concentration is not a representative indicator of dissolvedphase migration. Benzene and other CoCs are more appropriate indicators of migration.

The approved repairs to MW-24 have been completed. Continued quarterly sampling of the well will help in evaluation of the CoCs identified in the recent groundwater samples collected from the well.

2.3 INCOMPLETE GROUNDWATER DELINEATION

The RWQCB noted that the results of analysis of groundwater samples collected from the new off-Site downgradient monitoring wells MW-26, MW-27, MW-28, and MW-29 indicated the presence of elevated concentrations of TPH and benzene. SCS understands that these results have been interpreted by the RWQCB as evidence that the Site dissolved plume remains mobile and has migrated off-Site. As a result of this interpretation, RWQCB has stated that additional off-Site monitoring wells are needed in the area east of the Site wells with free product. These additional wells are considered necessary to complete the delineation of the dissolved-phase plume.

During the May 15, 2014, meeting, the RWQCB also noted that additional delineation of the free product and dissolved-phase plumes is also needed to the south and west of the known free-product wells.

As noted above, the free product and dissolved-phase plumes have been extensively evaluated and their extent is well-documented. Previous assessments have indicated that the free product plume is limited to the northeast portion of the Site. The generally northeast to east flow direction of the dissolved-phase plume has been consistent throughout the years of groundwater monitoring, both on- and off-Site, and control was provided for much of this period by downgradient wells MW-12 and MW-13.

Response to Comments on Site Closure Status June 2014

⁹

The southern boundary of the plume was provided by former monitoring well MW-2, which was installed south of 400 Westmont Drive (Building "B" of the Port Distribution Center) in May 1988, and was sampled during 27 groundwater monitoring events. Well MW-2 was abandoned in February 2000. No free product was identified in MW-2, and, with very few exceptions, no CoCs were identified in analyses of groundwater samples collected from the well.

The presence of CoCs in the new downgradient wells was evaluated in the Technical Report. Forensic geochemistry was completed on targeted groundwater monitoring wells to assess possible on- and off-Site sources and impacts to groundwater downgradient of the Site. Zymax, a laboratory specializing in forensic geochemistry, was retained to perform the analysis and interpret the data. Groundwater from an on-Site well (MW-10R) was compared to groundwater downgradient of the Site, and downgradient wells were also compared. The 2014 Zymax report (included as an appendix to the Technical Report) draws the following conclusions:

- "Water sample MW-10R contains dissolved hydrocarbons that most likely represent degraded gasoline.
- MW-26 contains a similar gasoline, and some heavier aromatic hydrocarbons, probably from another source.
- MW-29 contains a different gasoline with the fuel oxygenate DIPE. This gasoline is from a different source than MW-10R.
- The dissolved gasoline in MW-27 appears to be more similar to MW-29, and is probably from the same source as MW29.
- MW-10R also contains degraded diesel or #2 fuel oil that was not detected in MW-26, MW-27, or MW-29."

These data and conclusions suggest that while the gasoline-range TPH in MW-26 is consistent with MW-10R and an on-Site source, the CoCs detected in other wells are, in general, not, and are consistent with a distinct or separate source of release. Furthermore, the results from the intermediate WBZ wells, while consistent with one another, are not consistent with the detected CoCs in the shallow WBZ wells and suggests another source or sources of release, unrelated to the CoCs detected in on-Site wells.

2.4 CONCLUSIONS AND RECOMMENDATIONS

In summary, SCS concludes that:

- There is no ongoing source of release and the LNAPL plume is stable.
- The dissolved-phase plume is stable.
- The dissolved-phase plume and extent of LNAPL have been adequately delineated.

Response to Comments on Site Closure Status

BlackRock Realty Advisors

Based on the existing record of work conducted at the Site and the discussions subsequent to the submittal of the Technical Report, SCS concludes that the following recommendations from the Technical Report remain valid:

"The Site conditions are consistent with both the Policy and Cleanup Goals. Given the demonstrated plume stability, the absence of risk presented by the immobile LNAPL, and demonstrated absence of health impacts or impacts to beneficial uses or sensitive receptors, SCS requests on behalf of our Client, that the RWQCB close the release case associated with the Site."

"As was previously stated, even if implementation of active remediation were feasible, the net benefit to water quality and the environment is likely to be minimal given the likely limitations on recovery, the very poor water quality at the Site, and limitations on beneficial uses."

Response to Comments on Site Closure Status June 2014

Exhibit A

RWQCB Meeting Agenda and Supporting Documents

June 2014





MATTHEW RODNIQUES BROBETARY FOR CHVIRONMENTAL PROTECTION

Los Angeles Regional Water Quality Control Board

Western Fuel Oil San Pedro Site Meeting May 15, 2014

AGENDA

- Introduction
- Status of Investigation
 - Presence of Sources for Groundwater Impact
 - Unstable Groundwater Plume

Incomplete Groundwater Delineation

- Status of Cleanup
 - Soil
 - Sources for Groundwater Impact and Dissolved Plume
- Discussion

Paths to Closure

CHARLES STRINGER, CHAIR | SAMUEL UNGER, EXECUTIVE OFFICER

320 West 4th St., Suite 200, Los Angeles, CA 90013 | www.waterboards.ca.gov/losangeles

🧳 несусько рарна

Site History

The Site is comprised of approximately 88 acres and was operated as an oil refinery from approximately 1923 to 1948. Its capacity was in the range of 8,000 to 10,000 barrels per day. The property was then operated as a storage terminal and transfer facility from approximately 1950 to 1995 for residual and heavy fuel oils, automotive fuels and basic chemical stocks. The Site also includes a former 20-acre scrap metal facility that operated from 1986 to 1995.

Status of Investigation

Presence of Sources for Groundwater Impact

Based on the laser-induced fluorescence rapid optical scanning tool (LIF-ROST) investigation performed in 2011 within the limited areas of the Site, discharged waste are still present in the subsurface as sources for groundwater contamination. Currently, free product is present in groundwater monitoring wells that are located about 750 feet apart (MW-19R, MW-6R and MW-14R). Presence of free product means that the discharged waste, light non-aqueous phase liquid (LNAPL), is mobile. For these wells, groundwater samples were collected beneath the free product to characterize LNAPL. In addition to the typical petroleum hydrocarbon compounds, fuel oxygenates are present as below indicating remaining LNAPL beneath the Site is a source for groundwater contamination with fuel oxygenates:

Groundwater	Date Sampled	MTBE (µg/L)	TBA	TAA
Monitoring Well			$(\mu g/L)$	(µg/L)
MW-6R Shallow	8/9/2007	289	11,900	31,500
MW-6R Deep	8/9/2007	283	13,200	37,900
MW-14R Shallow	8/9/2007	ND <250	18,400	11,200
MW-14R Deep	8/9/2007	ND <250	15,000	9,220
MW-19R	8/9/2007	ND <500	ND <1,000	1,260
Shallow				

μg/L = Microgram per Liter MTBE = Methyl tertiary-butyl either TBA = Tertiary-butyl alcohol TAA = Tertiary-amyl alcohol ND = Non detect

Fuel oxygenates are highly soluble and migrate rapidly following preferential groundwater flow paths. Since the 2011 LIF-ROST investigation covered only the limited areas of the Site and confirmed the presence of LNAPL, further investigation for a site-wide assessment and remedy of the impacted groundwater are warranted.

Unstable Groundwater Plume

Concentrations of total petroleum hydrocarbons (TPH) ranging from C10-C28 in the groundwater monitoring well MW-24, located in the internal part of the current groundwater monitoring network, have an increasing trend since 2012 as follows:

Date Sampled	TPH C10-C28 Concentration
MW-24	(µg/L)
June 2011	<500
December 2011	<500
May 2012	45,100
December 2012	74,800
June 2013	79,900

A groundwater sample beneath free product was collected in November 2013 from the groundwater monitoring well MW-6R, located about 15 feet away from MW-24, and tested for TPH C10-C28. The data showed that TPH C10-C28 concentration was 2,050,000 μ g/L, indicating LNAPL remaining beneath the Site is a source for TPH C10-C28. Since June 2013, a deep groundwater monitoring well MW-20D (screen interval from -83 to -98 feet mean sea level; top of well casing 102 feet above mean sea level), located 120 feet upgradient of MW-6R, was detected with TPH C10-C28 ranging from 642 to 2,710 μ g/L, suggesting that the dissolved plume is expanding and continuing impact to groundwater from free product.

Work conducted for MW-24 is as follows:

9/11/2013Workplan for MW-24 source evaluation was approved10/30/2013To monitor MW-24 quarterly11/14/2013Well head modification plan for MW-24 was approved

Incomplete Groundwater Delineation

In January 2014, offsite groundwater monitoring wells MW-26 to MW-29 were monitored for the first time after installation. The results showed elevated concentration of TPH C6-C10 and benzene. Based on recent data and the shallow groundwater flow direction, contaminated plume remains mobile and continues to move offsite. Additional offsite groundwater monitoring wells are warranted in the area directly east of groundwater monitoring wells with free product (MW-6R, MW-14R and MW-19R) to further assess and monitor the extent of the groundwater quality down gradient offsite.

The groundwater monitoring well, MW-19R, is located near the southeastern boundary of the site representing the most upgradient groundwater quality. As noted, free product is present in MW-19R. Additional onsite groundwater monitoring wells are warranted to delineate and monitor both free product and dissolved plumes in areas upgradient and cross-gradient of MW-19R.

California Water Code Section 13267 Order that was issued on February 4, 2010 states... "You have not yet completed site contamination characterization and have not organized site investigation data into a conceptual site model to assess the full extent of the groundwater contamination. The Regional Board needs the required reports in order to complete the vertical and lateral delineation of the groundwater contamination plume and properly implement remedial measures." In compliance with the Order BlackRock installed four offsite downgradient groundwater monitoring wells in December 2013.

8/21/2012	Workplan for installation of offsite downgradient monitoring wells
	submitted
12/11/2012	Installation workplan approved
7/11/2013	2 nd time extension approved
12/11/2013	Installation report submitted
3/26/2014	Quarterly groundwater monitoring to be performed

Groundwater delineation for dissolved plumes should be completed in order to review adequately the submitted corrective action plan and feasibility study in September 2011.

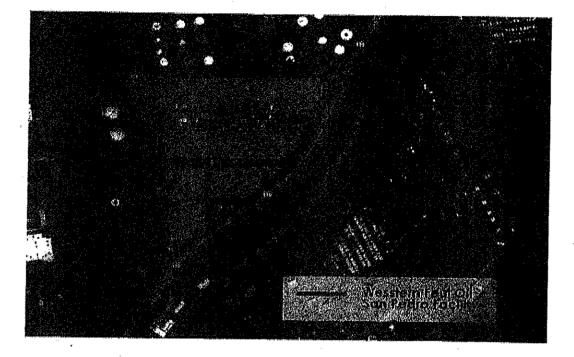
Paths to Closure

1. A complete delineation of impacted groundwater on and offsite.

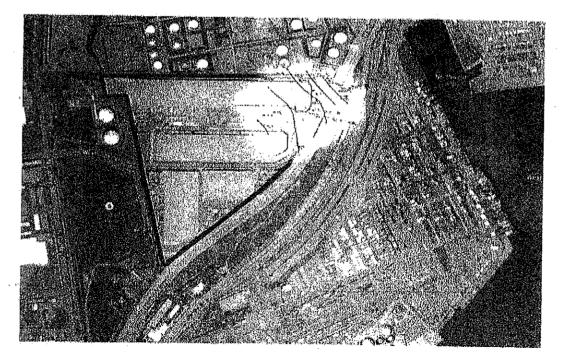
2. Set cleanup goals and remediate the impacted groundwater plume.

3. Collect confirmation samples to document that the cleanup is complete,

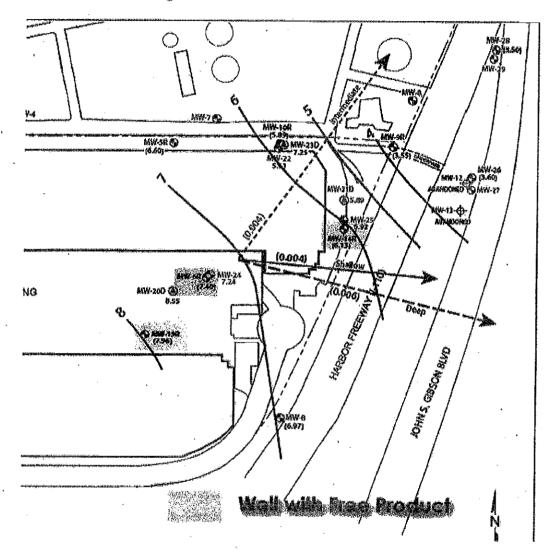
Site Map



Groundwater Monitoring Wells



Ę,



4

Groundwater Monitoring Wells with Free Product

Sources for Groundwater Impact

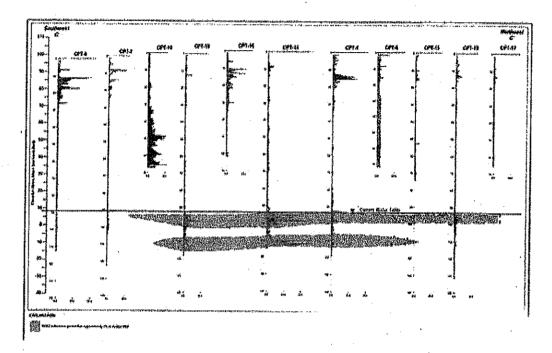


EXHIBIT 5

.11/21/00

16:37 LANDEANK + 15624257343

NO.387 6435

Gray Davis

Governor



Winston IL. Mekox Secretary for Environmental Protection

EN STATES

16 B (

320 W. 4th Sweet, Swiez 200, Los Angeles, California 90013 Plane (213) 376-5600 FAX (213) 576-5640 Internet Address: http://www.swrek.cs.gov/-two.cb4

California Regional Water Quality Control Board Los Angeles Region

January 7, 2000

Ms. Mary B. Hashem, Project Manager LandBank 141 Union Boulevard, Suite 330 Lakewood, Colorado 80228

AN I I 2000

NO FURTHER ACTION FOR SOIL - FORMER HIUKA AMERICA FACILITY - 2000 NORTH GAFFY STREET, SAN PEDRO (FILE NO. 85-21); SLIC # 352

Dear Ms. Hashem:

The Los Angeles Regional Water Quality Control Board (Board) staff has received and reviewed the soil remediation report for the Hiuka America Parcel, dated September 16, 1999, prepared by SCS Engineers for the above referenced site. The report provides a summary of the soil remediation that has been completed at the subject portion of the Western Fuel Oil Company facility (WFO).

The site was operated as an oil refinery from approximately 1923 to 1948. Westoli Terminal Company (Westoli) acquired the property in 1950 and operated as a petroleum terminal, storage, and transfer facility. In 1974, WFO leased the site from Wastoli and continued to operate the site as a terminal facility until 1995. In 1997, WFO demolished and removed all above and below ground structures to prepare the land for industrial development. To facilitate the restoration and development process, LandBank (the current developer) divided the site into several parcels. The subject parcel is comprised of approximately 20 acres of irregularly shaped land. Between 1986 to 1995, WFO used this parcel for storage and consolidation of scrap metals.

The site is located in a heavily industrialized area near the Port of Los Angeles and Is adjacent to the Gaffey Street Sanitation Landfill and the City of LA, Street Maintenance Yard. TOSCO refinery is operating on an adjacent property. Site assessment and remedial Investigation activities began at WFO site in 1985 pursuant to the Regional Board's Order No. 85-17. WFO performed numerous site investigations since 1985. In June 1998, SCS Engineers conducted additional soil investigations to characterize the site as a part of a real estate sale transaction for Gaffey Street Venture Company. In 1998, Gaffey Street Venture purchased the WFO site and contracted LandBank for the development of the site. Regional Board staff has concluded that an adequate number of samples were taken and analyzed for PAHs, PCBs, metals, TRPH and VOCs and the soil contamination was adequately characterized. Elevated levels of metals, mostly chromium, lead, and arsenic were found in the soil.

In June 1999, excavation and removal of contaminated soll was conducted in accordance with a workplan approved by the Board staff in May 7, 1999. Approximately 2,200 tons of contaminated solls were removed from the subject parcel. Following removal of the contaminated solls, confirmatory samples were analyzed for TTLC, STLC, and TCLP metals, as well as PCBs, TRPH, and VOCs. All remaining concentrations of these contaminants, except

11/21/08

16:37 LANDBANK + 15624257343

Ms. Mary Hashem

-2-

01/07/00

arsenic, met this Regional Board's soil screening criteria established in the "Interim Site Assessment and Cleanup Guidebook", dated May 1996. Extraction tests, performed by SCS Engineers for the arsenic present in the soil at the site, indicate that it will not leach into the groundwater.

LandBank performed a risk-based corrective action evaluation to assess the impact of residual arsenic contamination in the soil on human health and the environment. The evaluation report was sent to the Office of Environmental Health Hazard Assessment (OEHHA), Hazardous Waste Toxicology Section, for review on December 15, 1999. Dr. David Slegel of the OEHHA office reviewed the evaluation report and concluded in his letter, dated December 22, 1999, that health risks from exposure to arsenic in the soil exposed at the surface were shown to be very low (one in one-million). Dr. Slegel further concluded that if the site is covered with asphalt or concrete, health risks from exposure to residual arsenic are even lower or non-existent.

WFO implemented a semiannual groundwater monitoring and reporting program in 1988 per Regional Board Order No. 85-17. The program consists of fluid-level monitoring and laboratory analyses of groundwater samples for VOCs, VFHC, MTBE, and metals. Arsenic has not been detected in the groundwater beneath the site.

It was stated in your letter, dated December 1, 1999, that this property would be developed for industrial use only, consistent with zoning and surrounding property use. Following development, the graded site will be entirely covered with impervious material, including building footprints and asphalt paved parking sreas and driveways.

Based on the information provided, past work completed, and with the provision that the information provided to this agency was accurate and representative of site conditions, we have determined that no further action is necessary for the soll at the subject site. Please note that LandBank will continue the groundwater remediation and monitoring and reporting program until a cleanup goal is achieved. If you have any questions regarding this matter, please contact Manjulika Chakrabarti at (213) 576-6722.

Sincerely,

ĊĊ:

Dennis A. Dickerson Executive Officer

Dennis Dasker, Chief Groundwater Protection Division

> Julio Nuno -- SCS Engineers Doug Carlton -- Construction Consulting Services Dr. Siegel -- QEHHA

EXHIBIT 6

Table 7.1 Reneficial Lices of Inland Surface Waters.

Table 2-1. Beneficial Uses of Inland Surface Waters.																			
WATERSHED"	WED No. MI	MUN IND PROCKERSEN NAV POWCOMMAQUANWARMCOLDISAL	OCHER	GWRF	SSH NU	WPOW	COND	AUCA	WARN	COLD	SAL	WI SI	THE PARTY	ESTMARKULIDIOLRAREMIGRSPWASHELLINET	RARE	ALCE:	Sevid	FE L	MET
VENTURA COUNTY COASTAL STREAMS													- 20						
									F		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				North Color				
LCS. Values relation													Û.						
	. 24		1 1000 - 1000		1000 Carina			Concerned in		1		Contraction of the	u X	10.000 A	Sec. 16			1.110	1000
	5.8	100 200 200											0 1						2 2 2
		12 12 12 12 12 12 12 12 12 12 12 12 12 1	1	1 124 - 2010	2000 2000 2000 2000 2000 2000 2000 200			Circonite State	- Contraction	L Street			ЦÏ	EPO1055	100 M (100	200-2012-E		Statistics of	ม
rauever bayon I E-D-mu t al-												, k	IJL		i a	595455# 696			
	58		100 H 21 10	100 Star	2010 B.C. 20	and charges	L	2002300	in San Carl	State State			u (2002	น	1997-92 1997-92		100000	มไ
	95		And a second second							IJ			LI I			L			ú
Late Sycamore Caryon Creek		ANDERS PROCESSION STATUS	15.1 M 19.00	1000 - 1000	#C0/745 57/9529	(115- Definition)	XIA CARA	5.000 Million	I	1000 A		Stream Carl		a a a a a a a a a a a a a a a a a a a	Ľ,	and the second se	7		C-01-0220
		State Street States	Section Section	A. CO		1000	5 6 C 16 C		14.5 - 40.0								1000 N	1000	and the second
VENTION ONCO MATEDCHED																			
Ventara River Estuary ^c	38070101056				∃ (E	E			E		1999 C		E		2 9 9%		EF	100	State State
Veritara River Reactin 1 Meritara River Estrary to Main SL)	1807010105 F	u å	, L	*	Ś		PAR GRANT		u	<u>tu</u>		5	u		μ	Ш	l m	28-11-12-13-13-13-13-13-13-13-13-13-13-13-13-13-	i u
Ventura River Reach 21 Mart St. to Weldon Canvolt	100		1		E State				U	Ш					n. K	L LL	L.	See Se	
on hande en staten en en en ander ander en en ander en al ander en andere andere ander ander ander ander ander Poñanis I serai		4		8	1000 1000 1000 1000 1000 1000 1000 100	ante paratera		10000000000000000000000000000000000000	1	Boundary Boundary		K. Kell: K Tanje	i u					S. 196.	Contraction of the local division of the loc
		100		10		C.		2022	1000	- 0			10		Car Co		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		な観光の
	22	49								L I					No.				
Lake Castlas inbutanes			č a. ,	14100					LLI .	u,				\$1.891.5	å.		IJ		ឃ
Wentura River Reach 3 (Weldon Canyon to Casitas Mister Rid)	180701010105	ш &	ш						ш	ш	*		Ιų		ш	ŵ	ш		ш
Ventura River Reach 4 (Castas Vata Ra. to San Antonio Creek)	18070 t010106 F	ш	цці I	ш					L	ш	*****	-	111		Lij	ш	Lui		łu
Vertura River Reacht 4 (San Antonio Creek to Camino Octor Rd)	180701010104	2	ц Ш	<u></u>					Ü	E			E Contraction of the second se			E H	E C		u
or og a horrer for had en halland at til had af til had over omen det had at til herder fan de oer oe of had de herder beneder herder herde Herder herder	ŝ .	10 12 Mar 10 10	<u>1</u>	5	anthore a contract	101000000000000000000000000000000000000		ALINE WORKS	ш	u	in ens		u sul		Superior Action	i u		Kaningun V	u
Con Althree Press (Marker Demotion of the Inc. Proc.)	100		10			a and a second	Seller.		1 L	1 U			L C L L	No.	541104E	1 Li	1 U	24402	1
								all Parlin	1	J.I.			J L		The second	J	j.	San San	J.L
SK (SECORE LICE) LICECK	57.0	21 (1) (1) 22 (1) (1)	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	n Marka	are better	Contraction of the second	e and substantia		ม	of a Provincial Street	in the second	n T	Sector Sector	Competential Co	n Mariana Mariana	rt .	0.0000	ม ⁽
Lon Creck	T SUITIN T			Cu State									Ц		Sector stars				No.
Restes Creek							-		1		*****		цц , ЦЦ , , , , , , , , , , , , , , , , ,	******					-
	2. 2. 1.4	ă.,		ш					ш				ш						<u>u</u>
Ojai Wetland		_			: : : :				เม		******	da	ш.		_	*****			W
Wentura River Reach 5 (above Camiro Cielo Rd.)	2/2/	<u>ш</u> ш	ш Ш		ш				w	w			Щ		E	Ш Ш	ш		u u
lija Reservoir)		<u> </u>		ш			H#5517		the day of the second	ш	-		ш	Constanting of the state	- ter E	ш Ш	,ш	1.00000000	ĮL.
Identia Creek Resolv 2 (atore Natilia Reserva)	1807010101 P			<u> </u>						цц Ц			Щ			Ш	ш	5000	ш
	ž	Dr.		u	-			10100000000000000000000000000000000000	and the second second	ш	Change		<u>іш</u>		- and the second	ш			. L
	TRATE OF THE TANK		Li di			905 C		ALC: NO.	u	N.L.S.					LL LL	u			
	<u>8</u>		ĽШ) јш	2 		200 (1997) 200	All later a	f	1 111		2002) u			ГШ	າມ		í u
E. Existing Acadicial 2008.	Footpotes are consistent for all beneficial use tables	e consiste	ni for al	benefi	cial use	tables		ļ			1		ļ		ļ				
Protective Secondification	a. Waterholies are fisteri funktione fifther zurschriftschraus and scharze konntaries. Reactively nue designations sender as all	The are live	ton's arteris	inder fin	we if th	SUL 7 Jack	e hwdr	าสีกตร์การ	AN EALS	កាស់ក្នុ	tion f ac	ndarje	e Hen	أيولا والإما	Trader 1	e jora at	60210 40	orižu tv	11 11 11 11 11 11 11 11 11 11 11 11 11
s , resentation concernant, togo	triftenteries to the inclusion water	s the indian	ates wat	eshortu eshortu	if and	if not listed wrandely	and the second	, A	Ś		1		i i					s źsił-	Ĵ
e several extension of the residence for several and	The Tafatacher	tion Ancient	Tec bear	LTE F		and the second se	Sector Sector	te de la compañía de La compañía de la comp				it of	9.9 19 19	The second		A married			- the second
tajri, tene e. Sister De jauxevent es seguerou. A s'antideus MATNI d'antimations and desimant under OD 20 62 and DD 20 03 forms.	U. WARENULLS WASHARD AN WEI RING WEIMAN INDIAL ZANCAREU WIR HINY & DUIUOR OF REWARDORY. ANY INGURINY & RIDIA					- Weelland		01128- E221	STORES IS	1221.44. T	usuy a	bord	2 103 \$20		(SOOD)	ALLA	cguan	XOLY EX	ucition of
	-	ic a uctable	Signe nu				5	17.8 ····	ŀ										
designations may be considered for exemptions at a later date (See juges 2-1, 4 for	C. Coastaj waterboules witten are also listed in mianti surface waters (arte) or in weitands Iable (2-4).	Teropolies		lfe also	I DOUSE	TELIC I		ace wa	lers a	Mes []	-12) OL	žen de la companya de	XIIIIIIX	I abse	T N				
more details).	er Une ar m	Use of more case species utilizes all ocean, bays, estuaries, and coastal wellands for foraging antion nesting.	CCRS 211	22 S321	OCCAR	Davs.	cstuara	CCS, GENG	COASIA	wetta	2008 100 100	E JOILT	12 10 12 13 12 13 13 13 13 13 13 13 13 13 13 13 13 13	NOVOL N	Gunter				
	f Assertation	TURNESS TO THE T	smy ntitize all have	South State	SCENER	NOCE: 3	The part	NA POINT	Sincit in	ande s	80 K C	that is a	whent	Sam Crus	demîn.	series and	else de	uter Errere	ment

c. Coastral waterbodies which are also fisted in inland Surface Waters Tables (2-1) or in Weilands Table (2-4). c. One or more rare species utilizes all ocean, bays, estuaries, and coastral wellands for foraging and/or nesting. f. Aquatic organisms utilize all bays, estuaries, lagoons, and coastral wellands, to a certain extent, for spawning and early development. This may include migration into areas which are heavily influenced by freshwater inputs.

Table 2-1. Beneficial Uses of Inland Surface Waters (Continued).

Table 2-1. Beneficial Uses of Inland Surface Waters (Continued).								
WAT ERSHED ²	WED No. MUN IND PROCHGROWRFRSH		NAV POWCONNA ACUM NAVERACOLD	SAL	EL TRANSPORT	ESTWARK LIBIOL RARENISCRSPWASHEL MALE	SPWNSHELL	
SAUGA CLARA AMER MATERSHED								
Santa Clara River Fishion (Finds at Herine Attual)	BODINGODANA				17			ŀ
Sama Dara Roardy (Sama Control and)			L State of the second second		น		a a	Winite Winite
ev to Hizinway 101 bridge)	180701020904 P* E E E			*****	u	u u	A WARD CONTRACTOR	u
Service and							States of Street Part	1
way 101 bridge to Elsworth Barranca)	tu đ	100000		W		į		្តីដេ
with Barranca to Freeman Diversion)	m		m I ≤ 1	w	Ш	a a		
And the second				*****				1000 and 1000
and Creek	22				Ш			E
Pullector Cault	n 1	n n	anterestic antication	100000000000000000000000000000000000000	u)	ш Ш П	Contraction of the second s	ш
		Anger			L.			ŋ
	anonianiani bi bu ta ta		Salat - Carlos - Carl		CONNECCE IN CONNECCE	100000	Constrainty (100 million for the constraint)	A COMPANY OF COMPANY
			Concentration of the		u			IJ.
reek'n Rive fuit Aaron station)		0 1 1 1 1		Carlo Construction Station of Station			Party Sector Sector	-
		1				9	Contraction of the Contraction	
Cut geoing station to West Pier highway 391	130701020403 Pr E E	n n				No. Contraction		ų
	2 Mary Mary Revenues				A CONTRACTOR OF		and data with the factor of the	
t Pier (tigstway 96 to Bouquet Carryon Rd.)	180701020403 P* E] E E	E E	E State		E C			Ŭ
Saraa River Reach 7			_		\$55413	Witnessource Conversion in the second		
tuel Canyon Rol. to Lang gaging station)	33070020107 P* E E E	E State		u l	E	E		Ē
					una pa			Contract of the second
	E	LU.				100		Ē
	180701020105 E* E E E	ш Ш						u u
Aliso Carryon Creek)	E E	W						
Santa Clara River Reach 9 More than the second of the second of the second				145+135 00200400	5 1669 4 1469	-tarrange - tarrange -		-
e Santa Parta Water Works Chersion Dam)	180701020501 P E E E E		ш —	w.	ш	EEE	μ μ	
Senta Clara River Reach 10						1.00 (10 + m + 1) / /		
Sespe Creek (gaging station below Little Sespe Creek to Hot Springs Canyon)	a	LL LL				E	4	in the second seco
	180701020703 P E P E				Ш 	L L L L	LL LL	u
Sespe Creek (Piedra Blanca Creek to Potrero John Creek)	P E P		E	S.		E		
éer an	о. Ш	Garsey	Parts M. School M. M. School and S	u.	1. 11. 1 2.		i u	Įu
20.14								
ebs Santa Feicia Dam to Ania Sianca Creek)			arjuster (2000) (2000) (2000) (2000)	š.			u server s	ា
(Station 14)			South States of the second sec	3		3	A TOWN DOWN	
a down y your day ou			and some some some som	<u>.</u>	<u> </u>	i di terre i		d u
AL STATE OF A DESCRIPTION OF A DESCRIPTI		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	A MARCE ALCONG CON	. 33				
i an					1.7 P		la l	
44 to Same Paula Water Works Diversion Day	-						APPENDING NUMBER	1
	а. Ш		Dures unionitatives of Areason weeks	<u> </u>	-			Ē
Et Existing beneficial use	Footnotes are consistent for all beneficial use tables.	all beneficial use tab	les.					1
P. Potential beneficial use	a. Waterbodies are listed multiple times if they cooss hydrologic area or subarce boundaries. Beneficiael use desionations anniv ta all	ultiple times if they o	aoss hydroiogic an	ca or subarea bo	undaries. Be	neficial ase de	sienations an	诺 尔 145 a 雅
I. Interneitient beneficual use	stibutories to the indicated waterbody. if not listed senarately	vaterbody, if not listo	d senarately					
E 2 and 2 shall he motoried as considered	5. Witterhoffer factorated as WET may have used and a sourcested with and to mode a sourcested active and a sourcested as the sourcested	ac this T may have up	thands howen	ter and the second	ه محمدون من	and an and an and an an and	di via e manufactura	and a second
14. Lateriched Hell M. Jackenstions are designated and ar CO 20. 52 and DR 20. 22. 22. 24.		der the A states search the	DCCD INSUMPLE CONTRACT	Anthe Dasia manage	a pointus te	are water oody.	Brands Art	र सत्या १९४६
	ŝ				1	-		
designations may be considered for exemption at a taket date (See pages 2-3, 4 for	c. Coastai waterbodies which are also listed in Coastal Features Table (2-3) or in Wetlands Table (2-4).	share also fisted in C	castal Features Tal	ole (2-3) or in W	etlands Table	(2 - b).		
Jarone-details}.	e. One or more rare species utilizes all ocean, bays, estuaries, and coastal wetlands for foraging and/or nesting.	utilizes all occan, bay	ys, estuaries, and o	oastai wetlands j	for foreging a	and/or nestang		
	f. Aquatic organisms utilize all bays,	estataties	lagoons, and coastal wetlands, to a certain extent, for spawning and early development	wetlands, to a co	stain extent	for spawning	and carly dev	cionent
	\mathbb{T} his may include migration into areas which are heavily influenced by freshwater inputs.	into areas which are	heavily influenced	by freshwater n	pets		i	
	er Condor refuse.		ì		4			
-	r Soledad Canyon is the habitat of the Boarmare's Three Shine Stickleback	hibst of the Tansmore	of Three-Chine Stic	Electron tr				
	nandra manada dan serang Canadanan menangan kerangan serangan serangan serangan serangan serangan serangan serang s		And And And a					

5

WATERSHED ²	WED No.		IND PROCACERCWAFERSH NAV POWCOMMAQUAMMEMICOLD	GWRFR	SH NAVI	MOCINO	MADLEA	MARANC	oudsa	LEST	RIMILE	ESTANARIMILIBIOLRAREMIGRSPWMSHELL	RENIGH	HSWMdS	EI WEI
SANTA CLARA RIVER WATERSHED (Cont.)															
	1000000000		3			ACCURATE STREET					L	L	l	1	
arout of the contract which are contract to be galling branch there contract contract and the contract of the	180701020703	۵ ۵		úш					ųш		цm	ц ш Ц ш	u u a	<u>и</u> ш	រាំយ រូបីយ
Bear Canyon	1867.020703	6 6		E State	and the second			U.S.	a		E C	100		E State	
and the state of the state of the state of the state of t	180701020703								ш		<u>}</u>			Ш	a state of the second sec
Predrz Blanca Creek	COTO20101081	5.j2		u) u					шı.		шı	Ω 		ш́г	
uui caiyui Preatew Pret	CONTINUE OF CONTINUE		5.05 (Sec.2)	****				Line and Lin			u u			U U	and and and
	180701020702			ľu			A CANADA		<u>.</u>	÷	ju ju	×	<u>M</u> K	Ц Ц	
True Creek	[80701020702	P.	100 100 100 100 100 100 100 100 100 100	E State				C. C	, d		ц Ш	i Ui	1 Ц	E S	
Ő	180701020701	.				11111111111111111111111111111111111111	A AND DAY LOUGH AND AND	we in many parts	a.	inite and in the second second	Щ	Į	1	ш Ш	Contraction of the local division of the loc
Hopper Creek	180701020801			*****				Ű	Ľ		U.	Ŭ,			
inta Clara River	180701020604	ш а.	យ	inne				ш	ш		ш	ű	Ш	danas S	Ш
Lake Privite states and the second states and the second states and the second states and the second states and	180701020503	ui A	8725	255555	â.			9	u W		Ш	Ш Ц		Ŵ	
	160701020503	<u>.</u>	-	inn	554585	a.	- Product of Second City of Second	ш	ш Ш	1	ы Ш	ш		u	
	180701020509	100	3.855	999 61.100 81.00		日本になる	States &		E F		E L		State State		
	180701020507	<u>.</u>	-			Managara di Sanagara	Subdation Distant	Vion			Ш	0.		Control and the control of the contr	
Canada de los Mantos	180701020506									Sector Sector	W				ALL STREET, SOLO
	180701020504			non			100000000000000000000000000000000000000		1	1999455	Ш		00000000000000000000000000000000000000		*****
Lockwood Creek	160701020504										E				Sector Sector
	180701020403	å .		100000				uus	ounder		Щ		541869		517597
Castado Creek (Sarita Ciara River R5 to Castado Lafe)	180701020306	1.1									ш	ш			
1	180701020305	تخسنن	The second second second	A REAL PROPERTY.	atsus and and and and a		ลเลเหลิ	there also a fair of the fair	Annual Property of the second		Ш	n bi the	*****	and the second se	mmiş
Uastaro Lirek (adore i i sir Uarijon)	AREAS AND AREAS	ine :		10							IJι	Ш. Ш.	n N		
	anenznenznet	koncela	5.00	ц ц			and a construction of the	www	mili	201-2012	m	mulij		sund.	
	COCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCO	1	<u>33</u>	2	а Д L	о И (200	L L			Şł.,	LIIL C	U L	L. L	
udsuder Latve Et kart en Entrehau	ASITION DOCUMENT		1 T T T	1 L		n i		1 II			u u M		u u		and the
	180701020304	1000	ŭ ŝi	Sam.				1999 1997 1997 1997 1997 1997 1997 1997	200-20 25 -2002	ing Press / All State			×	1000 (State 1000)	atter and the second
San Francisculto Campon (100			The star					Solo Base		Ш	U Star			
ξ		*****		ш				ā.	649559		ш	222222	ène en	The second second second	
South Fork Santa Clara River	17.5							110528			ш				
	180701020401	u.	_	а. Ш	2559458	*****	555265	۳1 ۳	 W			555555			
Bouques Canyon (above Vasquez Canyon)	180761020401		a,	а. Ш			arcair arctifi	u.	u.		L	ш 	Section.	ALC: NOT THE	Ш
1	180701020202	nniĝ	100				2012 00 10 10 10 10 10 10 10 10 10 10 10 10		uitteis.tette Caroco	and the second s	anas	\$\$\$X\$\$		COLUMN AND ADD	_
Lon Canyon Reserver	PUCUCUPUCUPU		ម ម ម					n n		Å.	n n				
Duuques resea vui Mise Paminin Creat Reach a' Sama Place Drive 67 in Downer Pamine)	Support Name		100					u Al		2 C.	uu	New Surger	22.025		
ster structure state and structure structure and structure structure structure state structure state structure Mark Canvon Creek Reach 2 (above Rowber Canvon)	180701020106	2		1010 miles 1010		12-10-10-11-10-11-10-10-10-10-10-10-10-10-	New York Contraction of the Cont	1000 A	ACCOUNT OF A		រុំយ	2017-2018 2017-2018	We Shinouth	a a constant and	
Agra Duice Carson Creek (Sarra Clara River R8 to Esconduto Caryon Rd)					Contraction of the		Sec.				ш Ш	W			
÷ .	130701620104			1		Colora and the second second	- Jun Contra	14404F204	Cutral Constantion		Langer, s			Allowed Record Color	
Also Caryon Creek	180701020101		Q.,	Ш Ш				ш			ш				E
	180701020301	<u>n</u> .	۵. ۵.	ፈ							onen				· · · · · ·
Murriske States	180701020301	а. А. ч	а. С. (<u>а</u> ши				u :			Шı				
Lake Euzabeth	TENENZALOVARE	, T T					**	11 11			 ⊥j ‱	LL.			
et. Execting density as		roomores are consistent	STARK TOF 2	al benen	Tor all cenchicial use lebies	ebles.	- ,			•	1	(•	,	,
r'i Foichthai benenicial asc	a: wate	Waterbooks are nated multiple links is they cross systologic area of subarea boundaries. Benelikual use designations apply to all	and boyse	aupie ten		V CROSS BY	carologic · ·	2020	Subarea	DOERCER	rs. He	121321311	ise desi	1 SEO CER	appaly t
		urasizaries to the indicated waterbody, it not listed separately		sterbody.	IL BOR IL	area separ	arely .				•		•	•	
		o. Waterbodies designated as WE 1 may have wealands habitat associated with only a portion of the waterbody. Any regulatory action	gnated 25	a we say	ay have	NY MARKINGS	130533 21	Sociation	5 WILL 00	ay a por	lien af t	De water	2003). A	ay regal	story 2
* Asterisked wUN designations are designated under NB 88-05 and KB 88-09. Some designations must be considered for accounting of a first data (See account) 2 d first		wneis require a delaised analysis of the area ~ Condon refere	aneu anat	n 10 sesá	R BICE										
4 5 7	5														

~ ∽

Table 2-1. Beneficial Uses of Inland Surface Waters (Continued).

TERES T.T. DEELETICIAL COSS OF FILENIC STREAMS STREAMS AND A STELS I CONTRIBUCT	-					,							ł						[
WATERSHED [®]	WED No.	MUN IN	IND PROCIAGRESING FRSHE NEW POINDONING AGUA WARRINGOLD SAL	E HOM	MRFRSI	NW H	ğ	ONNER	พพษกอ	APRINCC	2 D D		INAN	LTBIO	Bara	ESTIMARIMI TBIOL RARENIGRS PUMEHELLINET	13 MAG	EL	L.
CALLEGUASCONEJD CREEK WATERSHED																			
Calleguas Creek Estuary	180701030107			1000		a.		ш				Ш	ЦЦ.	Ē	Ee p	E	Ē		U S
	180701030102					W	1000	盟				Ш	а ш	ш В	Ee p	E d		ß	E
	sonznsearian -		- 717	ĥ	steel (see to		102 SO	19 99 99 90 00 00 00 00 00 00 00 00 00 00	312 280 Q.			telles-	und		5	a internet	Service Control		1
		<u>četa na na</u>		ų			1977 C				<u>и</u>		ฉี่นิยาน	u U	ů,			niceono Al	<u>n</u>
Callegras Oreek (Pointen Rat to: Coneto Creat) Calenues Creek Reach 4	70h0coh0v08k	ሙ ይ		μ	u U					<u>Ш</u>				u					
guas Creek Ron 2 to Pleasant Valley Rol) 🧼 👾 🔆	180701030107	<u>а</u>		Ш Ш	CE S								E Constantino de la c			A Contraction			<u>a</u>
ant Valley Rot to Central Ave.)	180701030108			ш	11	******				ш	Contraction and Contraction		Sumi	щ		100.000.00	10.000		iul
Loaksjuas (Jreek Meacit) Berndelin / Phannel Admin / Amin /	50100000000	1		ia M						<u> </u>							wok's	1200	
ucarusty unamet auve venuerve. Datentes Oreek Reach 6				195 X.12X					Section Section		Allanda Salita	Service Service		u Levense Leve					100 CO.
iguas Creek Rch	180701030103	а. Ъ.	G.	۵.	u.	The second second			1000	100			ан. 2	<u>е</u>					
1g Canyon to Hitch Rd)	180701030103	6	1000		E E					E	Ъ			E					32
office Presidence Contraction	and the second						den and		100 million		_								des la des
	180/01030100	н Б												in.	ш				
And the second of the second se	180703030102		Tank Andreas	100			10000			1	100 million 100 million	*****	-	щ	щ				
ayou Creat)	180701030162													n.					
o Canyon Creek)	180701030101	-						*****				intro	<u>112</u>					****	
Caleguas Creek Keepth 6			*												200				
ve Arroya Saril)	180/01030101	L Contraction	a.	Δ,	ALL AND A	m	Collocation (and the second second	7	Chane inc.				of the far man			\$45545	•••••
	and the second	0.6	641 1974	-6	法の政治		Section 2.		No. of the local division of the local divis	Ċ.				and Leave	5 (Per 10)				
1997	180/01030105		u Marine		55.555		10,400,004	Constant of	and workers.		10521	mmii		<u>ш</u>	al 11.702.00000	Webserge Reg	·····	*******	
						in the second							¥.				ů.	2	
ucareguas unek reaco 35 Coreix Creak (Catennes Creak Rob 3 tr Catings Duessio)	1907030705	0. 14	10 A 10	Ŋ,			1.23422 - 24.54			E Carlor	State and the	1000		ŋ		10 - 20 - 20 - 20 - 20 - 20 - 20 - 20 -	Concession in the second		20. S
				Ì	11. 11. 11. 11. 11. 11. 11. 11. 11. 11.	1.44 A A A A A A A A A A A A A A A A A A						8) 8) 8)					in the second		
Zeek to North Fork Arroyo Conego)	180701020105 Pr	Å					1000							L L	ш		100 C		
					5584555	855: 885			S	10011 Date. 03.	and the second sec		ĺ		<u>`</u>	The Contraction		1.1.10	1004
ve confl. with Conejo Creek)	180701030105	à.										67A	ці N	<u>.</u>				10.00 M	267 267
Same and the second		line and	A REPORT	4		and the second	and the second		Period Mary Press	1000 64 1000	CONNECT CETTED	5 - C - V			*****	teteshazatus?	1004658		100,000
Colored Contraction of the Colore Colar, Winnergove Corrector Contractor C	an ucuration and a second s		1				ki.			IJ,			4 				ມ		
ast with Astrin Fack Armon Concert)	TRITTOTICATION		5 (Veres	11.500														Sol Marine	1000
ALSO AND				a uter			1.5.4% I				the same in the		<u>.</u>	2.5	2		âŵissa		100 M
Osilikasis dangon Grack (Tajo dangon dicen iz Pasicing Oalguis) [[28] read 2 aming Packy abine Miconig Dangon	TENSORMANIAN ST		Street and				the set		and the second second		C.S.W. S. ANNA				140 H H H H	5. (selecti 1.4	100 Carlor and		Section and
	180701030102	ួយ ្មួយ	្ហ័យ	្តំដ	ii.	ور شود	2	1995 Startes () ()		<u>ະ</u> ມ			¥	цщ И				10 10	
	15>339?		151552		464425.			a.18444		_	-						4255a-6:		7=1#1 1
E. Existing beneficial use	Footnotes are consistent for all beneficial use tables.	ss are cu	medicitien	1 for all	benelw	ciai tese	table:	.,											Ì.
P. Potential beneficial use	a: Waterbodies are listed multiple times if they cross hydrologic area or subarea boundaries. Beneficial use designations apply to all	rbodies	are ast	ed mal	iple tim	es it th	ey ce	ss hydir	alogic	area or	subare	a boum	faries.	Ree H	ໂເວເລີ ມ	se desi	gnation	s appå	y to all
f. Interprittent benefacial use	tributaries to the indicated waterbody, if not insted separately	es to the	: indecal	ted wab	croody,	if not	isted.	separate	Ļ,										
E.P. and F. shall be protected as required.	b: Waterbodies designated as WET may have wetlands habitat associated with only a portion of the waterbody. Any regulatory action	bodies	designa	led as T	WET and	સ્પ્ર કેશપર	e svetla	ands ha	bitat as	sociates	1 with 1	only a j	DOLLÍOI	a of the	water	ody, P	an vu	ulatory	/ action
	226	z crate z	の語を	ž ženalyv	sis of th	e area.													
designations may be considered for exemption at a later date (See pages 2-3, 4 for	 C. Coastal waterbodies which are also listed in Coastal Features Table (2-3) or in Wetlands Table (2-4). 	až wzter	bodies '	which a	ue also	listed	in Co2	istal Fe	attares	Table C	(-3) or	in Wet	ands I	Fable (st.				
		at make	nearly arrest		schodes full willing	5 . 46 [] - 10								,	,				

more details).

cf. Limited public access prectudes full utilization.
c: One or more rare species utilizes all occan, bays, estuaries, and coastal wetlands for fonging and/or nesting.
f. Aquatic organisms utiliza all bays, estuaries, lagoons, and coastal wetlands, to a certain extent, for spawning and early development. This may include migration into areas which are heavily influenced by freshwater imputs.
o: Marine tabitats of the Channel Islands and Mugu Lagoon serve as pinniped haul-out areas for one or more species (i.e. sea fions).
p. Habitat of the Channel Islands and Mugu Lagoon serve as pinniped haul-out areas for one or more species (i.e. sea fions).

Table 2-1. Reneficial Hses of Jaland Surface Waters (Continued).

Table 2-1. Beneticial Uses of Inland Surface Waters (Continued).											-	,		ļ							
W4TERSHED ^a	WED No.	MUN INDPROCAGAGAGARFRSH MAVPOWDOMMAQUAWARWCOLDSAL	NO.	50	E CINE	FRSH	NW	ğ. Ö	Dama A	พ่ากอ	RRMO	й Ор		TIMAH		20		ESTMARMAL FOLLAREMICRS PUNSHELLINE	WINSH		لو
I DS ANGELES CONNERTS STREAMS				2																	Ĩ
																			5 M 14 M 10		
Repro Seguri See Micholas Prantin Pract	2020001040202	L ð									<u>и</u> -	ų,			u u		W	E -	ш Ш		LLI.
	CUCULUS CONTRACTOR	ND.			10 2000 10 2000	125004	2000			10000		No.	10 MIL		11	No. of Street,			5015 2 110	23 125404	1018 CH. 42
		1											凝血器		ų I		U				
	7070101010	- 65	all mer CEA	A LEAD TO A	AVE POINT	10000000000000000000000000000000000000	A COLUMN A	WebCon Farm	Name (112 VL)	Creith Inc	and the second se	and the second se	in the particular	and an and	u)	Salar Contraction		Section Sector	- mindianalise	100 Contraction (1990)	
						and the second						300			u		<u> </u>	Sec. 1		X	143
eekkiinee on taalaan oo taalaan ahaa ahaa ahaan ahaanaa ahaa ahaa	180701040203	ង		a sheet believes	1 100 100 100 100 100 100 100 100 100 1	Allow Party address		and the second		and the set		5100		5956	ш		w		×754-14	-420ad	
	180701040203		80 8				ш		ш				ш Х		Ŵ			a.	ፚ		w
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	180701040203	น้ม					*****	in second			យ	щ		-	ш		-		а.,		
	180701040204													-	ш				a		
	180701040204	inen Lu		. ,			55 <del>9157</del>	isnu				*****		coport-	ш		ш		anotto	da.3997	
	180701040204						2000								ш		Į.		12 A		CH 40
	180701040204	ណ៍					D <b>4</b> 3.443	0)6463		-	ш				w			Ġ.	<b>a</b> .	acestor	1
Puerco Canyon Creek	180701040204	24													ш						
	180701040204	*.u						ectores			रासा			-	ш			multo oto utolano	10000		
	3 B0701040403	ð.													u,		11-2012			100	
and in the second s	1867711140403	5		an the sub-	1000 10 11 N. B. M.	10041010112	Contraction of the local division of the loc	2000 2000 2000 2000 2000 2000 2000 200	and an entry of the	va0/04/09/04/		a contractor	and sulface	0.000 A. 000	u	Care No. 1	No. 10.1 10.00	atta voi Chila	62/00/00 00:00		date (10%)
	ADD TO	10	\$1.50 BAG	With the last	14 GU 199	Section .	Second Second	Stands	a and a second			Section 1	and the state		1.11	Section 2	5.4610100-11	Salar Salar	Contra Color	10 C 10	the states
朝の御御御御					1. P. Stude.	124 M 25	C. Control	and the second	Sathan Co	2002			22.02 Jun	and the second	01	in the second		Solution Shire			
And the state of t	20404010/091		1000	and the second second	and a support	Name of Actions	BC	-	terration from the	an summers	1	L.	interest lines	1 Control of Control	щ	in the second	100 million (100 million)	the and and the second			
	160701040403	à.												<u>.</u>	ф —						2
Toganga Lagucai ⁶	18070104040401		5,000-94	_			យ		с Ш					ш	ш		มี	凹	b		w
	180701040401	Â.									Ш	Ц,			U U						
- Aller and an all and a second second	1 RUZD ED ED ED ED	8		and the second	AUGUNOUT INC.	Contraction of the	100 - Par	Coulor of the	<b></b>	01.4 WILLIAM 0.40	T	the second s	-	(1797-16, 1890)	Ц		L. L	-			CE-LINE
	1 ROTOFED BURG		SUS CALL	1000 CO	Section 24	1000	1000		C. C	and the last	Los Los	a statute			L L				atter allo	il osta	2011/02
	CONTRACTOR I	5			111 <u>2005 111</u>				No.		10			79-74 ZZ					Prilon and		Canadra and
			20190	1004 Setting	1.0 X11130	19000	4.200.36	and the second	ille Billion	004/100E		Contractor Z	200000	101202.000		NULL CONTRACTOR	state 22		active thing	to three and	1200
KUSDC CARNON LICEN	TOUR DEPARTMENT	No. Contraction						12 N 12 N		100000		0			L I				Conta Vola		a ha
	180/01040462	7		Contraction (1997)	THE POINT	- towns with the	Not contracted	When received	and the second second	and the second second	and victor of	and Construction		1000000	L		and and and	4 Contraction	and and and and and and	to contract of the	and the second
Mantevale Caryon Creek	180701040402	8									 		kiipe Niipe		ш						
Coastal Streams of Paics Werdes	180701040500	<u>b</u>			*****				949364	•			055645		ш	557544	យ				
Carnon Streams of Parts Verdes	180701040701	6			1					4000	1				ш		b			and the second	100
	180701040701	ð.		-	and a second second				-	to main hadro	ш	Contraction of the local division of the loc	- Minimum	(10)-12-9- Major	ш		ш				ш
	REFORMERS	242									ц Ш	10000			Ш.						
	180705050507051	27.246.42.4		2011-02-04 100-04	1010 801 ( 100m	and the second		100000	(). (). ().	0.821905 -	a	20 40 40 10 10 10 10 10 10 10 10 10 10 10 10 10	2. 	25 mm	ľЦ			20.00 P		21 255280	<u>_</u>
South Contraction State		- 20/			C	and the second second	24114-20		in politica		i and a second	Sector Sector	1989 1989	19201	ם נ	in the second se	34 Shirts	2.012	En Carlos	STATES I'V	
	non-shianoi	<u> </u>			C d	ω.	1				L.				Ľ.						and a
	180,01640310	_	u.	Li	1		and the second	A DEPOSITION OF THE		Continue Data	u	Margaret		and the second	ш				1000		1000
	180701040300	ЩI		a n	1 1 1 1 1 1 1 1 1						ي ت										
Lipper Franklin Canyon Reservoir	180/01040318	- 	 11.1		<u>n</u>	•			****		ш		144336	_	ш		-		-	-	ш
E: Existing beneficial use	Footan	Footnotes are consistent for all beneficial use tables.	CORSI	stent fi	な認られ	calcifica	al use	lables													
P. Potential heneficial use	z Wa	terbodi	28.23	listed	nuitip	e têne	SHE	S C10	s bydz	លខ្មីបន្ទាំ	area o	s suba	8. 8	and at	ц Ц Ц	lenefic	EL RO	desig	nations	apply :	x. Waterbodies are listed multiple times if they cross hydrologic area or subarca boundaries. Beneficial use designations apply to all
L. Enterreitzent beseticiai use	tributa	aributaries to the indicated waterbody, if not listed separatel	the ind	licated	water	, vo	factl	isted s	cparate	ž											
E.P. arad I. shall be protected as required.	PEM - G	erbedik	ss desi	griated	IW SE	ET may	/ have	wetta	ads hal	bitat au	sociati	超き 29	ា លាទិប	a 200	tion o	É the W	raterbe	idy, As	By regu	latory	Waterbodies designated as WET may have wetlands habitat associated with only a portion of the waterbody. Any regulatory action
* Asteristed MURV decignations are designated under SB \$8-63 and RB 89-03. Some	•	would require a detailed analysis of the area	the det	siled an	sisyles	of the	EC.														
destinantions more the remark for a summary of the first of the form research 2. A form	-	neval revel	to the set	dur see		which are also. listed in Practic Hee	i hatai	in Cra	rénž Flar	- Human	Fahila	21 23	- in 31	Latisan	40 T al	- 20 - 20 - 20					

designations may be considered for exemption at a later date (See pages 2-3, 4 for more details).

c: Coastra waterbodies which are also listed in Coastal Features Table (2-3) or in Wetlands Table (2-4). e: One or more rare species utilizes all ocean, bays, esthatics, and coastral wetlands for foraging and/or nesting. f: Aquatic organisms utilize all bays, estuaries, hegoons, and coastal wetlands, to a certain, extent, for spawning and carly development. This may include migration into areas which are heavily influenced by freshwater inputs. It Rare applies only to Agua Magna canyon and Sephuveda Canyon, areas.

,

Table 2-1. Beneficial Uses of Inland Surface Waters (Continued).	the subset of the second of the second		ţ						i
WATERSHED"	WED No. MUN ND PROCHERS	IND PROCKERSWINGERSWING PONDOMINIAQUAIWURMICOLD SALESTMARKULEBIOLEAREMICRSPWASHELIWET	AN AQUA WAS	MCOLD SALES	STRAFTINE TE	BIOLEARE	MIGRSPWW	SHELLME	a H
MALIBU CREEK WATERSHED									
		ш. Ш		Contraction of the second s	យ យ ឃ	е Ш			
and the second second				ц С. О,	ц Ш	រ បា	<u>и</u> а. 1		ЩШ
						LU LU	<b>A</b>		
Lenury reserver Kaltou take	Tearonceurue			Ш Ц	ui II				
Reach 1 (Nation Lake to Lindero Creek Reach 1)	٤.			۵.		62 M 20		statille of	ш
ce Linderoj					ц Ц Ц				
	<u>81</u>								6 A
	1804/D1040104 F				********	L L			
	δ.	ш	277 SQL 27		រយ		ininini		<b></b>
Poteno Valiey Creek:	130/01040101 P*			a -	шu				额
	. <b>A</b> .			E		Ш		L L	2
Contraction of the second second	ш ш ш			Several and the several s	Ш			Section 20	
Hodden Walley Creek		LL LL	ш. 		щu П			Ľ	W
						10000000000000000000000000000000000000			
Bailona Creek Estuary (ends al Centinela Creek) Dographicationalise Camales	150701040300		Ē		ш ш ш ш ц	<u>ያ</u>	ងដ ឯង	u u u	
1994 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -			all south and		l	ц Ц	1 1 1 1	3	ĴШ
	150701040500		Ш		щ	8	to surpace		173 173
Designation recents ( Equally to found a block) Bellona Creek Reach ( 1 above ) kalional bika ()	P. 100		L	LĜ	<b>ч Ш</b>				
LOS CERRITOS CRAMMEL WATERSHED									
	1807040002		E I		100 A	La La	d t		114
Channel Estuary (Ends at Anaheim Rd.) ^c	E	Ш	and the second s		IШ Ш		. ជា : ជា		
	5.2		Ε		ШI M			ш	
Los Vermos Channes Colorado Lacoon		E	ù.		ш Ш				- 90
E: Existing beneficial use	Footwies are consistent for all beneficial use tables.	beneficial use tables.							1
Protential beneficial use	a". Waterbodies are listed multiple times if they cross hydrologic area or subarea boundaries. Beneficial use designations apply to all	ple tines if they cross	hydroiogic ar	ca or subarea by	oundaries. Be	eachcial as	se designati	ons apply b	to all
L. Erectonateue Desertaciae asse V en en et et et en et en et	stitutatics to the indicated waterbody, if not insted separately	erbody, if not hsted set urre	karately.	and the second					;
E.s. and E. Stall OF protocoled as required. * A tradition MI MI Actionations are charing and or CB 22.53 and EU 20.03. Come	D: Watchoulds userginators by W.E. 1832 have Weitards Rashtal associated With Only a portion of the Watchooky, Any Registrary action would movie a devaluation on locks of the arres	ye. E sugy nave weighn is of the area	15 RADUAL ASSO	carico watu only	r a pomos or	are waterd	DOUY. Amy R	gaaany a	10103
1000		us un une aucoa. re-seleo - lietori in Coact	al Feedbarree To	ble O_3' re in I	Motion to Tabi	C. O. di			
	e. One or more rare species williges all occars bays, estimates and coastal werlands for forgeine and/or nection	lizes all ocean. bays. er	ar theres, and o strartes, and o	oestaj wetlands	for forzeine :	andlor nest	- Charles		
au. The REC-1 use designation does not apply to recreational activities associated with	-	bays, estuanes, lagoon	s, and coastal	wetfands, to a c	certain extent	t for spawn	ਮੇਜਿਸੂ ਕਸਟੇ ਦਿਣ। ਸ਼ਿੰਸਿਊ ਕਸਟੇ ਦਿਣ।	riy develop	oment.
the swimmable goal as expressed in the Federal Clean Water Act section 101(a)(2) and		o areas which are heav	ily influenced	by freshwarer a	npuets.		ġ.	4 	
regulated under the REC-1 are in the Basin Plan, or the associated bacteriological objectives set to protect those activities. However, water quality objectives set to	w. These areas are enganeared channels. All references to Tidal Prisms in Regional Board documents are functionally equivalent to estataties.	chanaces. All reference	es to Tadal Pri	sms in Regiona	l Board docur	ments are f	fanctionally	eguivalent	0 1 1
protect other REC-layes associated with the fishable goal as expressed in the Federal Clean Water Act section 1610(AUX) thell remain in effect for unners where the fault	·. ·								
footnote appears.									
av. Ine High Flow Suspension only applies to water contact recreational activities associated with the swimmable goal as expressed in the federal Clean Water Act section 104(a)(2) and regulated inder the REC-1 use, non- routed water remaring incidential under the REC-2 new and the accordance hereinkneithe cast to neder three when incidential mater in a material and the according the according to the	ssociated with the swintinable goal a 17 nsa- and the accordated harteristic	s expressed in the fede deal abientness en to n	ral Clean Wat	er Act section ] similar Water	01(a)(2) and : mailt: //iac	regulated u	moter the RI	EC-1 use, r ather	HOT-
when the resonance are operated with the fishable goal as expressed in the federal Clean Water Act Socion 101(a/2) and regulated under the REC-1 use and (2) other REC-2 uses flow lying the aesthetic aspects of	Water Act sociation 101(a)(2) and regu	lated under the REC-1	use and $(2)$ o	ther REC-2 user	quanty vojuu s (e.g., uses ži	ovolving B	proved (*)	verca aspects of	
water) shall remain in effect at all times for waters where the (av) footnote appears.		1			•	1			

weeks) start remean us cured at an entry or makes much use fuely accounted appears. ** The dividing fine between "Ballone Creek" and "Ballone Creek to Estuary" is the point at which the vertical channel walls transition to sloping walls.

1.1 S. Theorem ţ, Č, × 1 *** * t ŝ c 4 4 4 (C)

Table 2-1. Beneficial Uses of Inland Surface Waters (Continued).		ľ		•	8		-							ļ					1
WATERSHED ²	WED No.	NUN NUN	DPRO	MUN IND PROCASHSWIFTESH	WHERS	NEW	POWCOMM	NOV NUM	A WAR	ADUA WARMCOLD	1	ES TH	ARM		RARE!	RIGRE	EST MARWALDEIOU RAREMIGASPUMSHELINE	M I	<b>.</b>
DOMINGUEZ CHANNEL WATERSHED								-						-					
Dominguez Citraniel Estivacy (Ends at Vermont Mile) 5.* Dominarius Channel (Ectiment in 430th St.)	189701060102				1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -	Sec. 1		E	¢۵ کارک			E F			<u>88</u> .	Ð	E		
a substantia da substanta da sub	18070n0601041	Press and		Series and	Static Substitution			and the second		Particular	an a		L di la se						2000
																K			
Los Angeles Raver Estany (Enter al Witch St.) ("E.	180701050402							E E	感し			S W	Ψı uı		ů,	D,	Ш.	- 0	La La
Sector Sector	180701050402		80							and some					Ц	r V	r	r C	d.
Reach 2 (Carson St. to Rio Hondo Reach 1)	180701050402	۵.¢			Ē	the Shiftmania				u.		1	<b>.</b>				and a second second		
	180701050303			50045555	<u> </u>				8 				1. <b>e</b> st	L					
	1807010503031	<u>.</u>																	
South Street for	180701050303								8 19				- 11 - 10 - 10	SEX COLO	ЦЦ	200 A 100	Net and a second		цX
<ul> <li>Although a state of the state o</li></ul>	180701050303	4				100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100	í, mi	1				0	Ш	\$14405	Åuui				1000
Patho Cargon	180/010503011	6 å		1040CAU	() () ()				*** : # ***				U, L	Ш	ш				w
	180701050301		Service Service										цŢ		1.000 A.000			1992 (S. 1992)	Sector Sector
e dan) (Eaton Dam to Norrit Misco Toi Rd.)	180701050301	à,			2		C-Whom		-	1000 100 100 100 100 100 100 100 100 10		av-0.111/270/	Luci			to a fair of the second			2781870R
	1807010503011	i i							<u> </u>				Ш. Г	ů.	Ĩ				
	12020102020		1000 1000 1000 1000 1000 1000 1000 100	1997 C 1997			261124 (PG			D I I I					1	2002	u N	n N	n
Men, Variational (Construction)	180701050302	5. 5.	8	660303	E Subar		2	C. Mathemater / Samorride	) Marita		1.000 C. 1.000		in the second se	1015015		and the second second			and the second se
Santa Anta Wash (Over) [Rio Hondo Reach 3 to Elvins (we)]	180701050302	戀题								6			D.	E.	U				
	180701050302	1	and the state of		E Synce (Strating	201000000	Petroperation	ann air hannu dh	EN STREET	and a second second	and the second	00000000000	Ш L	1559999	uni	and and the second	1.36	and and a second	10-10-10
Bio Serta Anta Recentric	180701050202	u b	2		<u>е</u> ц		denotes from		າຍ 				u Nu	<b>u</b> Li			Sector Sector	3	Martin N
	180701050302										Zalata Zalata			1998 N	Ē				
a state of the second se	160701050302			4.44	I					971171S	inni i		456304	inne			450584	12-155M	щ
East Fork Sertie Ander Carpon	180/01050302				i A				11 ·	u.							W		Ŵ
	1 SUCCESSION CLUBIC		ar anna			NE DER CUL	2005	South Section		and the second					U	C. S. Series			Statistics.
A CONTRACTOR AND A CONTRACT OF	180701050302		2000 2000	Sectors.	10000 X 10000			01/10/00/00/00/00/00/00/00/00/00/00/00/0	6 645 10551101	11111					ų				
http://www.canyon.Creek	180701050302	- 6		inet:		11 A			••• (			X	ш.с	ш.					W
	1802020202020		AND		100								0	No. C. Martin	ii.				0000
n hand men and a second of the second of t	150761050209	à	anna anna anna		10.11.72							Canada and	Kund	in the second	أسمأ			100 - 100 - 1000	inghala.
Devis Gerekati (Upper)		25	111 1						Stores					moto					
	180701050209	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		202	n n		20122	SULAR SPECIAL	ม น	1			unia U U		Ű			100 C 100 C 100	មារ
an an and a state of the second second	180701050209		:C -	an a		8			*****			Sallando and	1:Ш а	200.000	Suu	All we want the second second	is danuu		
A CONTRACTOR OF A CONTRACTOR A	180701050209	889 (53)																	L.
States of the second	12040120102020		California and		11 12 12 12 12 12 12 12 12 12 12 12 12 1	22 232 - FR					istantices.	20.223		nesson	******	25 (11992)) 20.	100 H 20110	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	ш.
94 55	180701050207	<u>.</u> 4.	al an ar	ada se a s		We sufficiently	abitizza l'aŭ	aloona Weley o	ι α.			2	Q.	1000					S. A. San
	- 77			745) (23)	Sec. Sec.						100 M 100								100
Star Office Monthly Star	7575777	E	ALS: DECEMBER OF	1	Detra econeri	10: 5at (10:40.74	2000,025,00					000		s:stop	inni	100000 - 1000	j		and the second se
FLOKERS V-AINYOU Shields Carwon	180701050207				1								ЦШ					-	00
E: Existing beneficial use	Footpotes are consistent for all beneficial use tables	s are of	ensiste	of for at	benefin	ital use	lables.		•					*				~	1
P. Potential beneficial use	ar Wate	roodies	are list	ted muil	iple tim	es if the	y cross	Waterbodies are listed multiple times if they cross laydrologic area or subarea boundaries.	gic and	a or sul	barea b	ioundi		Benefit	cial us	e design	Beneficial use designations apply to all	apply 1	lie of
I. Internittent beneficial use	tributaries to the indicated waterbody, if not listed separately	es la the	: andica	tted wat	erbođy,	əf not 影	sted sej	parately.											
		bodies	desten	ated as '	NET IN	ty have	wetlan	b: Waterbodies designated as WET may have wellands habitat associated with only a portion of the waterbody. Any regulatory action	t assoc	iated w	nth on	∿a po	MINDR C	if the v	vaterty	ody. Ar	ly regul	atory a	ICTAOR.
89-03.	1	squire a	detaile	ਪ ਗਬਨ੍ਹਾ	sás of th	e arca.													
designations may be considered for exemption at a later date (See pages 2-3, 4 for	C: Coastal	el viator	books	waterbooks which are also	are also	listed t	3 Coast	listed in Coastal Features Table (2-3) or in Wetlands Table (2-4)	es Tab	е С-С)-2	01 10	Wetter	nds Ta		£).				
most defasts).	R One o	THORE I	ALC ST	actes unifi Marcalli	lizes all	DECEN.	bays, e	One or more rare species utilizes all ocean, bays, estancies, and coastal wellands for foraging and/or nesting, Amore summing without it have activities from a set and a set of a	and co	astal w	cfand	s for fi	)ragin	g andio	N THEST		· .	-	4

2-12

c. One or more rare species utilizes all ocean, hays, estazries, and coastal wellands for foraging and/or nesting. EAquatic organisms utilize all bays, estaaries, lagoons, and coastal wellands, to a certain extent, for spawning and carly development. This may include migration into areas which are heavily influenced by freshwater inputs. Excess prohibited by Los Angeles County Department of Public Works. w. These areas are engineered channels. All references to Tiklai Prisms in Regional Board documents are functionally equivalent to estuaries.

					2	-				÷	99	ļ.,			-		~	ſ
WATERSHED ^a	WED No.	MLIN IN	IND PROCAGREAMFRSH	CROW	FRSH	NAVPONCOUNT	COMPA	AQUANMARNICOLD	MARINECI	N DISA		ARKINI	10iau	ESTIMATION DEIOLAAREMIGRISPUMISHEL	ICENSE			<u> </u>
LOS ANGELES RIVER MATERSHED (cont.)										- <b></b>								
	180701050207		-	iuax			a succession of the second	000000000000000000000000000000000000000	-									
Burbank Western Channel	180701050203	<u>م</u>							Ъ.			P						n Ra
ta fue canyot laega ano creek Tinimoa Wash	BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADICULIANSI BADIC	5. A		1990) 1990) 1990)				and the second second	-0	- 10 - C		ш <u>т</u>	142 M Statt II.				and Supp	
r contrastant contrastant and the proving on the proving of the pr	180701050105	ā,		-	in the second		halland		щ	ш		<u> </u>		្តីដោ	9 8			2
Lopez Canyon Creek	180701050105	à, l			412. 477 1941							<b>u</b>		A Carlo and a c		新たい		
Eure Hounge Creek	180701020104	1				ALL SAME SHEET	Neight and the		1000 (1000) 1000 (1000)	3	ania Maria			ш _{ист} и	Sime of the second	ann fia ann	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Big Tupaga Caryon Creek (Aransen Plood Control Basin to Big Tupaga Reservor)	180701050105	<u>الم</u>		<b>-</b> Ш					- u.	Ш			u u	S			្ពុរ	្តីរ
Big Tujunga Reservor)	180701050103	Å		E Contraction			Sec. 1		in i				Se l'anne	E E		Ē.		чщ
Lipper Big Tujurga Canyon Creek	180701050103			ш	10.0000		. ved all meth	and the second second	6119	đ	<b>5</b> .155553	ш		alle some state	į		i ui	u
VERNIET Creat	180/01050105	16		÷Ц	12. S. W.				C	in c				<u>щ</u>				Ś.
	180701050105	<b>.</b>		Ш.	26							u a					<b>u</b> u 8	มใน
Big Tukunga Reservoir	180701050105	ፚ		ш	Sub-State State State		- 500 PPC (Bro		20 20	<u>е</u> ,		1	្រំដ		Щ.	ű.	š	1
	180701050102			ωı					W.	Ш		Щ					San	ju j
Luo Angeles ravei readia 4 (raveisioe Lir, io Sepilatola Liam) Deviana Miseri	BUZUCUSU BUZUSU	L L	i i i i i i i i i i i i i i i i i i i	ЦЦ			New Constant		ц.	1947 - 1928	2	ш1	100 Milestory	No.	ε.	and the second	ELL C	ш
a da marten en e	180701250205	6		ЦП								ມມ		ņ				
PaccinaCaryonCreek	180701050205	A.				10.000 E20.00				L L	55 56 6 7 7 7	n 1	J II	L.	1		3	ĥ
	180701050205	å			Character Constraint					476 Y2 40 - 7 - 4	S Panel (S)	ш	147 - 22 - 22 - 22 - 22 - 22 - 22 - 22 -			9		2 1
Wason Carlyon Creek	180707050505050											Ш						29
Justovi Varyvi viter. I os Andes Raer Resta 5 (Saniharia Dan In Baliva Bini )	1802020204	ە. 1		- <b>u</b>	N.				1. U	XXX STAR		G. U			North Street	Contraction of the second	Post Discon	-
week	180701050208	100.000	100 C 10 B 10	8	N 200		8		J.W			ЦШ					цп	
514 Creek	180701050204											i m						1329
4.36	180701050204	ш	Ш	a. )				\$1116	 W					ш	week weeks	the second second	1000 mm	aprova
LOWER WAID NOT THE REVENTED AND A DESCRIPTION OF A DESCRI	AUXIONOTOTICS	n U		ц Т				initer S	шā			u) u		ш.				
Los Angeles River Reach 6 (above Balboa Bivit)	180701050206	ь Б	100	B					24			u u						
	180701050208	ฉันเมาต้	and a subsection of the	<u>y</u> y	9 18	i		6	[ _			1 1						
Also Larvan Wash Luss Angeles Have Keach o to State Hay (1)8) Also Crawen Prest Johns State Hun 449)	180/01050203	5. jā		•••								ιμι N						
Linekin Carry Booke Clock (Ary 110)	180701050203	L d	100000									Ц			Section Section		1.774 30% 45%	
118)	180701050202	Ł		7			and the second second		1		65	រ <u>ុ</u> យ			2.7	1	200 CO	
meek (zbove State Hwy 118)	180701050202	4									1999 1999 1999	E						ŝ
Hittoyo Calatosas	180701050201	200	1.090	0.00			No.					0.1	-		1.1.1.2 1.1.1.2			X
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							3			<u>u u</u>						
	190701050201											11						
	180701050201	ա Ա							ш			iu n						
E. Existing herefteral use	Feetnote	Footnotes are consistent for all beneficial	IS ISREET I	or all be			i.A		10-21 0-2-10-00					1. S.J. 1. W. 2	1000 Sec. 1			
Pt. Potentize i sense ficial use	a: Wale	Waterbookes are listed multiple times if they cross hydrologic area or subarea boundaries. Beneficial use designations apply to all	ire listed	multiple	times i	they cre	es hydr	alogac a	RE2:07.5	ាំ៦នោះខ្មង ]	bounda	nics. B	lenefici	al use d	lesignat	ions ap	ply to :	lis i
4. lattermailteat, becnetictal tise 37 D and 34 chail ha historiastad as raomárad	triðutari. Her Vaferrer	tributaries to the indicated waterbody, if not fisted separately by Workehoffer designated or 2007.	endicated	( waterb	odev, ≌ n ™	of fisted	separate	N.	1 1 1			, Y		•				,
89-0	5 Å	o. manutes used inter as W L into into more we have we have a sessentiated with only a portion of the waterbody. Any regulatory action would require a defailed analysis of the area.	letailed a	nakysis (	a tracy a	ave welli ta		SSE HEIL	OCIAECO	uo siine	57 a po	ILBOR O	em aus e	Eler Dog	, Any	rguan	NY ACE	noa:
designations may be considered for exemption at a later date (See pages 2-3, 4 for more detailed	IT This I	This reservoir is covered and firms inaccessible. Correnties day and no along for matametical	is covere	đand ži one for :	us inacc	essable.												
			2 C			4												

Table 2-1 Reneficial Lises of Inland Surface Waters (Continued).

Table 2-1. Beneficial Uses of Intand Surface Waters (Continued).		i.		×									4		,	4	,	-		ň
WATERSHED"	WED No.	MUM IN	MUW IND PROCAGRICINE FRSH	CAGE C	WELFE	SH NAN	Š.	NINCO	ADUM	NAV POWEDMM AQUALMARMCOLESSA	9 8 8		STANAG	SAME TO	BOR	AREMAK	ESTRARMULTERON RAREMIGRÓS PUNCHELL	EHER.	INET	
LOS WIGELES RIVER WATERSHED (conc)																				
RESERVOIRS:		ť					1.	n na marana		ė						anange a	Antona			
	0020201010000	u Ni								2 0. 1				ų						MIN
El Dorado Lakes	180701050505	314	124442492	in the second	ALLES DEBUTE		1010	30354 Pr. 2	2000	1 0	1000 B	1.200 A.W.O			Sold and a second second	stite Party	100 X 20 X	200500	Ш	
	80205010/081	i u i	<u></u> ш цш)				100000		Contraction.	a t		Rimold Chan		( w i	1000000000					<u> </u>
	80701050400	124	-47:000	i i i i i i i i i i i i i i i i i i i						L d		£23		ມູ່ພ		100				24
	180701040200	1 1 1	es es		268 CE 28	2 20 C				Р				щш						Nico.
SAN GARAGE RIVER WATERSHED																		-		line cost inst
Sari Gatorel River Estuary (Ends at Willow Sh) %*	180701050606	1	а Ша		1999 (1998) 1999 (1998)			E	N. WARAN	<u>а</u>			Э	ψa	17 AN	日日		8	1999 B	17.00
San	180701060605	<u>83</u>				200				đ				<u>n</u>		E C		Section 1		1
	180701060606	<u>ت</u> م. م	¢d∞ %d⊛							ч.				a u		i i		t Hered and		
	80701060303	6 P	-	062400	÷	<u> </u>			-					μı	3 8	Ġ.				
Legg Lare San Gabriel River Reach 3 (Whittler Narrows Dam to San Jose Creek)	180701060601	<u>.</u> 4	1977		83		14144 M		500776	1)				ųμ					Ľ	- - -
	[2070]050601	a l												ji i						un finge
	200000000000000000000000000000000000000		591.59X [47]	0.0000					012210				2002 CON	υШ			ath all and			
and the state of t	180701060502	Ł.	and hereit	in Linute 1 5	*9	aller Dielen () -	1011111	Contraction of the	Contraction of the local division of the loc	C.	A CONTRACTOR		the Databank	L.	any man	10.11.20.20.20.20.20.20.20.20.20.20.20.20.20.	10:27 COLUCIEN			<u> </u>
Thompson Wesh (See Jose Creek, React 2 to Web Caryon)	180701060601 180701060601	<u>a</u> 1			ata in									щи		С Ц				1015000
	190701050501											100		л П Г		Ē	XXXXX II			
na (ha mana a mana a mana ana ana ana ana ana	180701060402	6.1	A TRANSPORT		Ť.	histist	100		10.800	1	X	101	10.00	ш (		: :	and and and and		ш	
Big Delicit Viest		L 4								¥-				Ľμ			100 miles - 100 miles		. U.	
	180701060402	4								121				ш.						
	180701050402 #8/701050402	6.6				200 000 X Z		Retting and		ц Ш		10 10 10 10 10 10 10 10 10 10 10 10 10 1		1000		55% P	Salat Salat	New N		
	180701060402		8 i		-	******	Stratter St			٩.		static parts						à	1001000	. <del></del> ,
	190701060402	6 å												ill u		Ц			ш,	87
Call Dillas Masi (Check Parter Rest to Caroni Caroni Caroni)	10000100001	1	San San		ш. -						Sec. of			1 U						2475
C 70050000000000000000000000000000000000	80701060401	ω(	200 mm 100 mm		шŢ	Contraction of the second	a new second	1000	an ang an an	ш	шı	100 III	4700004	шĮ		100 C	10 20 1020	1000	- 10	
View Errich Canyon Creek	180701060401	រ រ		99 60 60 60	и И Ш			2	2012	Ŋщ	μœ			<u>n</u> m					រុំដ	
	130701060401	E C			E					E	B			<u>u</u>		E			<u>u</u>	Test 1
	180701060402	۵ ليا	and the second	ឃ		Carlo Calleria	C TURKS	10000 C	anna anna	E CONTRACTOR	ш	5159 <b>1</b> 54-34	20 - 20 - 10 - 10 - 10 - 10 - 10 - 10 -	w		Ш		C MONTONIC		
Live Clar Wash	180701060402	n N		1			1000							ų u						<u>21</u>
	180701060402	10				E S				Ц.				U)						28-6
Puddingstone Wash Marshall Creek and Mashi (Putktingstone Reservortis Via Arrono)	180701060402	in n	1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 -						No.				and contracts	иW						-32.5
E. Existing bereficial use	Footnic	Footnotes are consistent for all beneficial use tables.	consiste	nat for 2	Al bene	ficial u	se tabà	Кİ												1
P. Potential beneficial use	a: Wa	a. Waterbodies are listed multiple times if they cross hydrologic area or subarea boundaries.	is are li	sted mu	litiple ti	mes if	they cr	hių ssa	drofog	ic area	Of Steb	area br	DEEDCEL	ŝ. B	tenefic	ial use	Beneficial use designations apply to all	ations a	pply ti	아르티
1. Internittent beneficial use	tributa	tributaries to the indicated waterbork, if not listed separately	te indic	ated we	terbod	y. 31 no	a Jissberd	sepan	stely.											
E.P. and T. shall be protected as required.		b: Waterbodies designated as WET may have wellands habitat associated with only a portion of the waterbody. Any regulatory action	s design	nated as	WET	nav ha	NE REE	ands	rabitat	associ	ILEC W	th only	Z POL	tion of	f the w	aterboo	NUT YOUNG	regula	tory as	ction
* Asteristed MUM designations are designated under SB 85-63 and RB 89-03. Some		would require a detailed avalysis of the area	a detai	ed aval	10 SES.	the are	Ć J RŤ N	1		F	í ç	Ч	1.41.24	1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	2 - S	c				
designations anay be considered for exemptions at a later date (See pages 2-3, 4 for more detailed)	80 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	c: Coastal walcrbooks when are also, listed in Coastal reatiles I able (2-5) of an Wettands I able (2-4) • Che or more rare energy all orean have extantes and coastal usefands for financing and/or (	CDOOR	S WINKS	t are as	0. IISIO Il acces	JISTEG ID COS Acrean have	Nastalu Adata	realize arres 2	so Taba	ير-ك) د سرامه	or an v Marido	Yeura for fin	an ISB Marine	17) 180 300 (77)	istai reamies 1 abie (2-5) of an Weitands 1 abie (2-4). estimites and coastal urblands for foraging and/or pesting	8			

more details).

c: Coastal waterbodies which are also listed in Coastal Features Table (2-3) or in Wethads Table (2-4).
c: One or more rare species utilizes all occar, buys, estanties, and coastal wetlands for foraging and/or nesting.
E. Aquatri organisms utilize all bays, estanties, and coastal wetlands, in a certain extent, for spawning and early development. This may include migration into areas which are heavily influenced by freshwater inputs.
W. These areas are engineered channels. All references to Tidal Prisms in Regional Board documents are functionally equivalent to

estuaries.

a: This reservoir is covered and thus inaccessible.

1 auto 2-1. Delicitudi USCS UL Imanu Surlavo W atols (CUMINICU).					-				-		-	-		-			$\left  \right $	Γ
WATERSHED ²	WED No.	INE MIN	ND PROCKSRSWAFRSH	ENCRO ENCORE	- HSAI	NAW POL	NAV POWCOMM	ACUM	AQUA WARRING OLD	<u>Sur</u>	LES T	IARIMI	ESTMARIMIEBIOL	RARE	<b>MGRAST</b>	RAREBUGHSPUNCHELLWET	E 198	in the second se
SAM GADRIEL RIVER WATTERSHER (From 1																		
	000000000000000000000000000000000000000	2																
	180701060402	្រ រ										ifu S		ų				Д
ona Bivo. to Santa FelDan)	380701050601 380701050501	à.										1 Ш Ш	¥62					Щ
UPPER SAN GABRIEL RIVER TRIBUTARIES			*******			. <i>"</i>												Ţ
oan oaxee mwa meacn o (saiza re uzan ix manugon un.) San Gabrel River Reich 5 fili internity (h. h.) Jan Tassel (saiwa)	180701050501	1977. <u>(19</u> 87)	L	- U 1	N. Martin		10-00		¥1	n a sub		m n K			8	1.4.2.4.1.4.2.4.4.	an sea ann an a	
	180701060601		ľш	іш IШ	20. Septem 2	25.450 M(20-17	1988 2018 1994	CCC5			Sugar	and a constant	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		76			Ш
Bradbury Canyon Creek Solities Canvon Creek	180701060601 180701060801	<b>1</b> . á										NC (1) Northern	щu					
	190701060601	<b>.</b>				1. T. S. S. S.	100000											
	180701060601	<b>b</b> . C	1				1. a. 1974 (1962)							9			1	
	180701060601	3 19 19 19 19 19		u –					u		4	i) u	100	no		ф Д		шш
	<u>2649</u>	Ш Ш	Ű.	шı шı		шı			Ē		0	W		202201-0		E S	<u> </u>	
	10000000000000000000000000000000000000		is) Marine			1	8			и Ш		шц	100 March 100	sum?	Chick The	ti ka	Cardener Cardener	·····
er (above Fish Foxk)		å.		Ш					8					in the		u u		
	180701060302	6.		U State	84 88 88 88 88					ш		ι M		) UL			346	, u
Colowater Canyon Creek	180701060302	á.	S Barrier State	ш	CE EXCHANCE			at the second		л ГШ	de la constante da	*****	more	87525588	Č,		- Che - Che	ш I
	180701060303	1		ůш	and the second					u u		ЦЦ		1070-0730		u u		Mu
		Ł									100				100	n Second	165	J W
ş	180701060205	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Constantine C	÷.,	10 A A A A A A A A A A A A A A A A A A A	SALAN SALAN			unerner S		47 C- G	*****	article in the	шÌ	20. 20 C	<b>i</b> ta	ш,	ші
	180701060204			<u>មា</u> អា	******	inine	556 <b>9</b> 55555		ា ហោ	កកា 		цш		n in		նա		ЦL
	160701060204	4		U Se					100	i i i i i i i i i i i i i i i i i i i		Ш П		CL.				1.80
Continuo creek Solder Creek	180701060204	<b>.</b>							1 1							Ш Ц Ц		
a ma nastanana antina antina		eecaek ob	And a subsection of the subsec		÷****		1.00					(termin)		ш			5	<u></u>
Crystar Later	180/010602041	64		ų					ш¦ц			ши				u u	20	201 201
	180701060202	6.2		i jaj						П.	03	1 M			ALC: NO.	u iii		
	180701060201	۲.		ш		in waaraa					******	Ш			11-12 LI 10-12 LI 10-		1.LJ	ш.
ISLAND WATERCOURSES																		
<ul> <li>Martinetal Anti-Anti-Anti-Anti-Anti-Anti-Anti-Anti-</li></ul>	180600140203	Č. C	Caller (Control)			ite-Distanting	Sector States	421 37:32:22:22	هي ا		Anna Carl	Ш	×	ш	C. Prodella		******	
Carls Barbara island		L d	S. W.P.	No. Contraction	122		and the second		<u>.</u>	and the second second second	iit N		and the second	ទ្រីព			and the second	40) Viĝ
			No.						. U					лщ				
Middle Ranch System San Clemente Stand		ፈስ	のが経	шШ								щų		шц	8			16
					- 600 M		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Constants of	v <del>. 1</del> 675 625			100 C	rta ana an		a namesa sa			
								<u>.</u>										
San'Antonio Dann And Reservor ISan Antonio Canyon Creek	180702030701	Ш. Ш		E E E						Ц.		ЩЦ				<u>е</u> ц		2
	Federote	Foumotes are consistent for all beneficiel use tables	sistent f	ait be	teficial 1	ise tabl	l si				*	-	-		5.		a.	1
r. Futernist actueiters 1. Intrement hemeficial use	a: Water Tributani	a. Waterbodies are listed multiple times of they cross hydrologic area or subarea boundaries. Beneficial use designations apply to all relynomize to the indicated mission when they among the summaries.	re listed	multiple	times a	they ca	oss hydr	oliogac s	tea or s	eharea	botanda	nics. B	tenefici	al ase.	designa	tiens al	oply to	3 2 E
E.P. and I. shall be protected as required.	5 Water	auvana se of a subuscu watcuvor, a inva suver Separaty. B. Waterhoofies designated as WET may have wetlands haling secondated with anti- a ravian of the waterhoute. Ann escalarana serion	e sienated Sienated	TW as	uyt, al elt Trrate he	ave wet	i sepalak Janda ha	ay. vitat ass	hciated	unith an	ಕೆಲ್ಲ ಇ ಕಾಡ	<u> </u>	f the we	aternor	he show	ceceria:		-tion
80-68		would require a detailed analysis of the area	etailed a	ažytšis c	f the art	<i>s</i> i					1 1 1							
designations may be considered for exemption at a fater date (See pages 2-3, 4 for more detailed	aar Habil	aar Habilat of the Channel Island Fox. shi This preteribed is also in Davion 9 1901 731	Channel Lice almo	Island I in Dani	0X 0 0.000	122												
	Carrie "Anna	- NECESSIE	en a cran	nggunt ser		4												

Table 2-1a. Beneficial Uses of Inland Surface Waters.

WSD No.         REC1	WATERSHED" VENTURACOUNTY COASTAL STREAMS Los Sauces Creak Powery Canyon		WED No.	RECI	LEC.	REC2	High Flow Seepension
SFIAL STREAMS eff eff eff met eff eff eff eff eff filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter filter fi	VENTURA COUNTY COASTAL STREAUS Los Sauces Oreac Powerty Canyon				2.0- 00000000	Ser Cater Parts	
k Let Reter Estuany to Main SLI Stico Weeddon Carayon) Stico Weeddon Carayon) Stico Media Rase Magna Reserved Madia Reserved Madia Reserved Madia Reserved Madia Reserved Madia Reserved Madia Reserved Madia Reserved	Los Satros: Dresk Powerty Carryon						
k Lettor La Canyon to Cantor Statis St to Weedoor Canyon Carly St to Weedoor Canono Creek Mono Creek to Carino Creek drono Creek to Lon Creek) in Creek drono Creek to Lon Creek to Lon Creek drono Creek to Lon Cre	Powerty Caryon		18070101010202	N. IN M.	State of the		の調査を読み
k ED Stroet Estany to Mén SL) St bi Weddon Canyon St bi Weddon Canyon St bi bi bi San Awono Creek Mono Creek to Canino Cale Rd) se Ysia Rd to San Awono Creek Mono Creek to Canino Cale Rd) se Reach & to Lon Creek Manin Reserved Main Reserved Main Reserved Main Reserved Main Reserved Main Reserved			180701010202	-		41.98	and the state of the
k ED St bi Weiddon Canyon Main St.) St bi Weiddon Canyon of Relation St bi Weiddon Canyon of Relation St bi Weiddon Cango Relation at Raes Visita Relation Creek () Mer Reacht & to Loon C	Nextrano Canyon		180701010202				
k LED Al Ruer Estuary to Mán SL St to Ivveluon Canyon St to Ivveluon Canyon Cargoon to Caestas Vasta Rid) an Cargoon to Caesta Atomo Creak (to Exor Creak) Maria Rua Lo San Antono Creak Atomo Creak (to Exor Creak) Maria Rescond Carrino Celo Rid) a Ruer Reach Sto Matija Resceveri Marija Resceveri Ka		16.00 - 1.00 - 1.00 - 1.00 - 1.00 - 1.00 - 1.00 - 1.00 - 1.00 - 1.00 - 1.00 - 1.00 - 1.00 - 1.00 - 1.00 - 1.00	18070101010202			X454	
E a Roer Estuary to Mán SL) St to Weidon Canyon St to Weidon Canon of San Antonio Cargon to Castos Weia Rd) a Visia Rd La Can Antonio Celek Rd) wer Reacht & to Lans Creek) Morio Creek and San Antonio Centra Casto Rd) n Creek a Tuer Reacht San Matija Reservoit Malija Reservoit Malija Reservoit Malija Reservoit Malija Reservoit	Padie Aser Caryon - Control of the second		180701010202	120		31	
k LED La Ruer Estuary to Man SL) St to Wetdon Canyon St to Wetdon Canton Octob Ru) St to Wetdon Canton Octob Ru) Managa Rut Managa Rut Carrino Cab Ru) n Creek) n Creek) a Ruer Reach 5 to Matija Reservoit Manjja Recevnoj Kanada Raservoit Matija Recevnoj Kanada Raservoit	<b>NCC ath Late</b> 2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.		180701010202			ឃី	
k LED Roer Estuary to Mein SL) Si to Weiddon Canyon Si to Weiddon Canado Si to Weiddon Canado Canado to Castas Weita Edd) ar Canyon to Castas Meita Anno Castas Meita Anno Castas Meita Anno Casta Fito Mania Reservoit Mania Reservoit Mania Reservoit Mania Reservoit Mania Reservoit Mania Reservoit Mania Reservoit Mania Reservoit	Big Sycamore Canyon Creek		100001040201			4	
et fi as Ruer Estuary to Man SL) St to Weddon Canyon St to Weddon Cangoo Mango I to San Antonio Celo Rul) as Visia Rul to San Antonio Celo Rul) wer Reacht 4 to Lichi Creek) no Celo Rul) n Creek) o Certino Celo Rul) a Ruer Reach 5 to Mañja Reservoit Mañja Reervoit Mañja Reervoit Mañja Reervoit		15	180701040202	1		5 2 2 2 2 2	Contract of Contract of Contract
ar Ruer Estuary to Main SL) St to Weddon Canyon St to Weddon Canago M Canyon to Casites Wede Rd) at Canyon to Casites Wede Rd) as Visia Rd Io San Antonio Caelo Rd) wor Reach 4 to Lichi Creek) no Caelo Mania Reach 5 to Matija Reservoit Malija Receivoit Matija Receivoit	100					Contraction of the	
ar Roer Estany to Mán St.) 20 to Weedon Canyon In Cangon to Castas Veca Rú) na Kai to San Antono Creek atono Creek Mono Creek no Creek n Creek n Creek a Ruer Reach Sto Matija Reservet Matija Reservet Kanga Ruba Reservet Kanga Ruba Ruba Ruba Ruba Ruba Ruba Ruba Rub	VEN UKARIVEK MALEKSITEL						
ar River Estuary to Main St.) St to Weedoon Caayoo In Cangoon to Caastes Wate Rid), Es Vista Rid. Io San Antonno Creek atonio Creek to Cantino Celo Rid.) Vier Reach 4 to Licni Creek) In Creek Oramine Celo Rid.) a River Reach 5 to Matilja Reserved Matilja Reserved Matilja Reserved Atore Reach 5 to Matilja Reserved Matilja Reserved Atore Reach 5 to Matilja Reserved Matilja Reserved Matilja Reserved	Ventura River Estuary ²		180701010106			E	
St to Wetdon Canyou) In Carigor to Castas Wika R(d) In Carigor to Camino Creek atomo Creek to Camino Celo Ru) Inter Reach & to Lon Creek Inter Reach & to Lon Creek Camino Celo Ru) Inter Reach 5 to Matija Reservoti Matija Reservoti Atom Reach 5 to Matija Reservoti Matija Reservoti Atom Reach 5 to Matija Reservoti	Vehitaa River Reach 1 (Ventura River Estuary to Nein St.)	a de la companya de La companya de la comp	18/701010106	u		μ	i's de la factal de santa sur la la d
A Cariyon to Castas Vista Edd), se Vista Rid Io Sam Antorio Creek Idonio Creek to Carimo Coleto Rid) Her Raach 4 to Lich Creek) In Creek Carimo Celo Rid) a Ruer Reach 5 to Madija Reservol 1 Madija Reservol 2 Madija Reservol 2 Ma	Ventura River Reach 2 (Main St' to Weldon Canyon)		18070101010105	Ш.		E	
Al Cariyon to Castres Vista Fid.), sa Vista Rul to San Antonio Creeky atono Creek to Canino Calo Pan) Mer Raach 4 to (Lan Creek) Mer Raach 4 to (Lan Creek) Camine Celo Ru) a Ruer Reach 5 to Marija Reservolj Malija Reservolj Malija Reservolj As sequited	Cariada Langa		180701010106	-			and the second second second
n Cargon to Caentas Wale Rid ), as Vista Rid to San Antonio Greek atonio Creek to Carinto Osée Rid ) inter Reach 4 to Lion Creek) in Creek in Creek			18070101010105	Nizera		ш	補助の
in Caripon to Casitas Wate Rd) se Vasa Rd. to San Antono Creek atono Creek o Canino Ode Rd.) iner Reacht to (ton Creek) in Creek n Creek a Ruer Reach 5 to Matija Reserveit Matija Recervoit ka	Lake Casilias fiftingaties A micro of the second structure and the second		18070101010105	ដា	******	ш	
se Vista Rid. Io San Anhonio Creeki atoono Creekio Camino Celo Rul) Iver Reachi 4 to Licni Creeki In Creek	Ventura River, Reach 3 (Weldon Canyon to Castas: Nota Rd)		1807/01010106	Ú,		Щ	
atomo Creek to Camino Celo Rai) Net Reach 4 to (Lon Creek) n Creek n Creek a Twer Reach 5 to Metija Reservcit Malija Recennoj k	Ventura River Reach 4 (Casitas Visia Rd. Io San Antonio Creek)		180701010106	ш	ettemin	ш	
her Resolt & to Lion Creek) n Creek Carmo Celeb (Rd.) a Florer Reach 5 to Metilja Reservoid Medija Reservoid Ka	Vertura Rover Reach 4 (San Antonio Creek to Camino Cielo Rct)		180701010104	Ľ		Ē	
iver Reacti 4 to Lixin Creek) n Creek Carrino Clebo Rat ) a Faver Reach 5 to Mettija Reservorit Matija Reservori ) kanservori ) as required	Countie Creek Designed and the second sec		180701010105	a.			
n Greek) Cammo Cielo Raj y a Rucer Reach 5 to Metilja Reservort Metilja Preservort A	San Antonio Create (Nentura River Reach 4 to Lion Creek)		180701010106	Ш М		Щ	
Commo Celo Ruj a Ruce Reach 5 to Manja Reservoit Manja Reservoit A s required	San Antonio Creek (aboue Lion Creek)	Bellevis Steve Confidence on Concerning Street and a reading station	180701010103	١IJ		ш	
Carmo Celo Ruj a Ruce Reach 5 to Madja Reservoit Madja Reservoit k as required			180701010103	$\sim 1$			御い来の変
Commo Celo Rej ) a Ruer Reach 5 to Media Reservoit Media Reservoit k a sequired	Keeves Creek	Constant of the Annual Constant of the State of the State	180701010103	-	- Million Million		and the state of the state of the
Carrino Celo Ruj a Ruce Reach 5 to Matija Reservoit Matija Reservoit K As required.			HILININI	ار م		Ц.	
a Ruer Reach Sto. Medija Reservcit Malija Reservcit Malija Reservcit K storeti as required.	ujai weisau Urakim Diristi pining kajaking Angrika Day		ENTURINATION POLICY	L L	A CONTRACTOR	n	
a room room room real of room with the room of the roo	Referent Track Bosch & Martin Diver Darch & for Nathr Darcowick		10010101010104			U L	
k As required	interange of och interact ( ) (cannot have interacted and ) Matters Creek Rescript ( above Matilia Reservar)		ISD701010101	u Mili		u (0	
ds required.	oo tara mananan ama mananan mananan mananan mana ang mara manana ana manananan manananan manana manana manana Istintesian Campon Caeek	ander ag, en de greek dat de juiden often medit ander de juine en dat we	180764010101604	L L		i u	
as tequilized.	Vorth Fork Matija Creek	35.0	180701010102				
સ્ટ શ્લવૃક્ષોદસ્વે.	kaŭja Reservor	A CARDEN AND A CARDEN A	180701010101	щ		m	
४५ १९५१ धारस्य	E. Existing beneficial use		ootnotes are con	asistent f	or all ben	cficial	use tables.
สร รอญหยักษณ์	P. Potential henciacial use	<b>1</b> 0	c Waterbodies a	tre listed	rentitiple	tumes a	f they cross hy
	L Intermittent beneficial use	<b>,</b>	rebutaries to the	indicated	waterbo	dy, if n	ot listed separ
	EF, and E shall be protected as sequenced		c Coastai waterb	odies wh	uch are a	lso liste	ed in inland S
. Asset excurst acceptations are designed and a 25 30-30 and KB 27-43. Some of Limited public access preciades the attribution. Assignations may be considered for exemption at a later date (See pages 2-3, 4 for h: Water contact recreational activities prohibited by Casitas A	. Aska iskel in lan acsignations are posignated ander 2.5 60-93 and Kr resignations may be considered for exemption at a later date (See page		e Lemited public Water contact	: access p recreation	recludes real activit	the and	lization. hiibited by C:

logic area or subarea houndaries. Beneficial use designations apply to all

y. ce Waters Tables (2-1) or in Wetlands Table (2-4).

It. Water contact recreational activities prohibited by Casitas MWD.

WATERSHED ²	VIED No.	RECH	LRFC-	REC2	High Flow Suspension
SANTA CLARA RIVER WATERSHED					
Sartia Clara River Estuary (Ends a Harbor Blyd) ⁵ South Chan Bion Connel 4	180701020904	e e		W	
oania claa a river meesin i Saata Clara River (Estuary lo Higi way 101 britge)	180701020904	E E		Ľ	
Santa Clara River Reach 2 Santa Clara River (Hichway 101) bridge to Elisworth Bananca)	120701020504	É C			
Sarta Clara River (Elevorth Barranca to Freeman Diversion) Settra Clara River Resch 3	160701020903	ພ		ш	
Santa Clara River (Freeman Diversion Dam to Santa Paula Creek)	180701020503	Ъ		ш	
Satia Clara River (Saria Padia Creek to Seepe Creek)	180701020902	С Ц		ш	
oarus cuara wwer (Sespe creek to A Sreek, Humote) Sanha Chara River Reach 4A		e B		ш	
Santa Clara River (A. Sitreel, Filmore to Pritu Creek) Service Price December / PC	180701020862	ш		u	
ine Creek to Blue Cut geging station)	180701020403	ш		ш	
Sarita Cleva River Reach 5					
Sarita Clara River (Bitre Cur gaging station to West Pler Highway 99) Sarita Clara River Reach 6	180701020403	ш		ш	
Sanha Clana River (West Pier Highway 99 to Bourgaet Canyon Rd.)	180701020403	ш		ш	
Satis Clara River Reach 7			10000000		
Santa Clara River (Bourguet Canyon Rol. to Lang gaging station)	180701020107	E Constanting	a al information	Ш	
Name (varie) Andri (Acada 6 Solated Comments and and a stratica in Anno Dulan Comment Canada	100000000	L		L	
Substati Caryon (Anna Distre Carron Creek to Also Carron Creek)	180701020105			u W	
Soletad Canyon (above Also Caryon Creek)	180701020102	ш	and a state of the	ω	of Berlin water (16 with the balance of the
Santa Olara River Reach 9					
	180701020901	ш	24.1355.1464.00	w	and the second
oored varied moves reacting to Sesse Creek (reavior station befowd ittle Sesse Creek to Hed Senince Canwork	*80701020205	μ		ų	
Sespe Creek (Hot Spings Canyon to Pleara Blanca Creek)	180701020703	, u		i U	
Serge Creek (Pietica Blanca Creek to Pottero Jahra Creek)	180701020702	ų		W	and a second
Searts Press Riceck (above Pottern John Creek) Scarts Press River Reach 11	180701020701	u.		W.	
	180701020603	U			
	180701020602	i u		u W	
	180701020508	E		Ш	
Pro Greek (Snowy Creek to Lockwood Creek)	180701020505	E C		ພ	
is the content (automotic) of the content (south of the Water Works Diversion Dam) IS and a Paula Creek (Santa Clara Rever RefA to Santa Paula Water Works Diversion Dam)	180701020901	n n		Ú) iu	
Stear Creek	190701020901	E A		Ē	
	Footnotes are consistent for all beneficial use tables.	sistent fo	इ वर्डी किला	cfictal u	se tables.
F. Potential beneficial use	a: Waterboches are listed multinke times if they cross hydro	e listed n	austink-	times if	they cross hw

P: Potential beneficial use 1. International beneficial use 5.P. and 1: shall be protected as required.

a: Waterbodies are listed multiple times if they cross hydrobogic area or subarea boundaries. Beneficial use designations apply to all tributaries to the indicated waterbody, if not fished separately.
c: Coastal waterbodies which are also fished in infand Surface Waters Tables (2-1) or in Wetlands Table (2-4).
d: Limited public access precludes full utilization.

Contract waterschen (Contraction) Contract waterschen (Contraction) Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Contractions Co	I AUTO 2-12. DOUTORNIAL USOS UL ERIMINI, OMITANO W ALVIS (L'URININOL).		Ì			
etc) errol SP-LT3. Some 2-3, 4 for	WAT ERSHED ^a	WED No.		REC-1 RI		1): Flow pension
e6() emb) S9-L33. Serric 2-3, 4 for	SANTA CLARA RIVER WATERSHED (Cont.)					
een) S9-U3. Some 2-3, 4 for	Sespe Creek (Santa Clara River R3 to gaging station below Little Sespe Creek)	180701020706	E		E	
emb) B9-LB3. Some 2-3, 4 for	Timber Check	180701020703			Ē	Activity designed of the second s
em) S9-U3. Some 2-3, 4 for	Trut Creek	180701020703	, M	1	Ш, П	
am) S9-U3. Some 2-3, 4 for		(18070102070G)			E State	
am) S9-U3. Seme		180701020702				
emo) SP-U3. Seme 2-3, 4 for		180701020702	in the second			
end S9-U3. Some 2-3, 4 for	2.98	180701020702	A A		101 () 101 ()	
am) S9-U3. Some 2-3, 4 for	John Linex	180/01020/01		2055	n iii	
89-U3. Seme 2-3, 4 for	Pitro Creek (Santa Clara River R4A to Santa Paula Water Works Diversion Dam)	180701020504	1 m		Se .	
89-U3. Seme		180201020803		の時間		
89-U3. Seme		180701020603				
89-U3. Seme	Gorman Creek	180701020507			<u></u>	
89-J3. Seme	a de los Namos	196701020506			202	
89-U3. Seme		180701020604	1			
89-U3. Some		180701020504	i T			
89-U3. Seme	A CONTRACTOR OF	180/01020403				
89-J3. Seme	historica and the subscription of the strength of the second second second second second second second second s	180701020305				
89-U3. Seme	Castaic Oreak (above Esh Caryon) 2	160701020304	の変換の			
89-U3. Seme		180701029306	E Contraction	attenting out	E Contraction	
89-U3. Seme		1807010202006				
89-U3. Seme	Elderberry Forebay	180701020305			- 20-20	
89-U3. Some		180701020304			<u> </u>	
89-U3. Seme		205020102080		-		
89-J3. Seme		2.7	t in the second s		35	
89-U3. Seme 2-3, 4 for	and the second				-	
89-U3. Seme 2-3, 4 for		190701020401		801	N	
89-U3. Seme	16.19	18070101020204	20			
89-03. Seme	or on a second seco	180701020201	, A	a na	(at make	
89-U3. Some 2-3, 4 for	Mint Canyon Creek Reach 1 (Santa Clara River R710 Rowher Canyon)	180701020106	<b>W</b>	17,000		
89-J3. Seme 2-3, 4 for	i Matt Canyon Creek Reach 2 (2004e Kowher Canyor) A sint rist must be an	180701020106	and			
89-13. Seme 2-3, 4 for	neta ruka vanua orani olara olara olara mora non nuka nuko olanga nuko Maua Dube Canvon Creek (above Escondido Camon Rd )	180701820104				
89-13. Same 2-3, 4 Jor			e e e			
89-03. Same 2-3, 4 för	35.		u.	Distance of the local		and manual sets of the Manual sets of the Manual set of the Manual set of the Manual sets of the Man
89-03. Some 2-3, 4 for			ii) u			
89-03. Some 2-3, 4 for		ootnotes are con	sistent for	al benefi	cial use is	thes.
89-03. Some 2-3, 4 for		r. Waterbodies ar	re listed m	attiple tin	ses if they	cross fivárologic area or subarea indundaries. Remefecial use designations anador to all
89-03. Some 2-3, 4 for		ributaries to the in	ndicated v	vaterbody	if not list	ed separately.
89-13. Some 2-3, 4 for		c Public access to	I I CESETVOII	and its st	arounding	g watershed is prohibited by Los Augeles County Department of Public Works.
2-2° # 101	89-03. Some	. The majority of	the reach	is interni	ttent, ärer	e is a small area of rising ground water creating pertunial flow.
-	2-2, 4 IOF	ACCESS pronibi	thed by Lo	S AUGUES	Departme	snt in the concrete-channelized aceas.
						-

Table 2-1a. Beneficial Uses of Inland Surface Waters (Continued).

					-		,				
WATERSHED ^a	WED No.	RECI	LREC-3	RECT	High Flow Suspension						
CALLEGUAS CONELO CREEK WATERSHED											
Calleguas Creek Estuary ^e	180701050107	Ē		ω							
Caffeguas Creek Reach 1 Magu Lagoon	180701020102	PB B		ш Ш							
		Ľ		÷							
	34070307040707			ie							
Calleguas Creek Reach 4											
Revolon Slough (Calleguas Creek Roh 2 to Pleasant Malley Rot) Peruhim Storich (Dieseard Value Rd In Central Ave.) (467244-40474		255		ш u							
	8(99) 8(77	<u>ि</u> र्ग		u							
(above Central Ave.)	180701030105	s 22	<u></u>		and the second second second						÷
Languas unextrearation Antono Las Possas (Dellemas Oreak Roh 3 to i onn Gammer)	18/17/3 10/2/13			Š.							
	180701030103	n M		n n M							
		and the second second			and the second						
Autovo Simi (Pastro) vanto vargon to Alance vanjon) Antojo Simi (Alamos Canyon to Tapo Canyon Creek)	160701030102										
	munis	00	1.05.000 Sec.		10001/1-0000010/00000000000000000000000						
i apo Canyon Creek (above Arroyo Sim) Calibruas Drook Possih os	180701030101			1							
a Diversion to Camarillo Rd 1	180701030105	ц Ц		<u>ц</u>							
Conepo Creek (Camanilo Rd. to Arooyo Santa Rosa)	<u> </u>			1924							
Calleguas Creek Reach 98 7. Cremen Creek Reach 98	19070002005										
10 States Creek Reach 12			******	u,							
oth Fort Arroyo Corejo)	180701030105										
ocareguas creats reason 11 (Arroyo Sana Rosa) Arroyo Sania Rosa (above confl with Conejo Creek)	180701030105	411.6555966									
		enerse see									
		Ц Ц		IJ,	and the second						
A. S.	200								,		
Gilibrard Canyon Creek (Tapo Canyon Creek to Windmill Canyon) Gilibrard Canyon Creek (Archae Marimili Canoon)	180701030101	1									
	180701030102			្រុ							
E: Exvirting beneficial use P: Potential braneficial use E. P. and F. Stall be protected as required.	Footnotes are consistent for all beneficial use trables. Footnotes are consistent for all beneficial use trables. a. Waterbodies are listed multiple times if they cross hydrologic area or subarea boundaries. Beneficial u tributaries to the indicated waterbody, if not listed separately. C. Coastal waterbodies which are also listed in Coastal Features Table (2-3) or in Wetlands table (2-4)	tent for a listed mul cated war es which	I benefic tiple tim terbody, are also	it not it the	tables. Sy cross hydro isted separatel t Coastal Feat	låogic are: Jy Tures Tabl	a or suba e (2-3) e	rea bour r in Wet	ndaries. lands taf	Benefici	
	as reverse to currently and contained on and narry, swattlanding is promotion of Whenever flow conditions are suriable. r. Public access prehibited by Calleguas MWD.	inditions : ibited by	are strita Caflegue	te Navy ble. ss MWV		a promoti a	ឆ្លី				
-											

dogic area or subarea boundaries. Beneficial use designations apply to all

Table 2-1a. Beneficial Uses of Inland Surface Waters (Continued).	Los Angeles Keglonal Ward	HORSE	10.3.61
NKTTERCUED ²	SA COM	<u>, c</u>	ču u

		-	× .		
	******			Hah Flow	
WAI ERSHED=	WED No.		LREC-1 REC2		
LOS ANGELES COUNTY COASTAL STREANS					
Arnun Seeti	A STITUTE AND COLOR	IJ			
San McIndias Canyon Creek.	180701040202				-
Los Alsos Canvon Creek	SERTIMENDO S	States and		A SALE OF A	
	180701040202		and means		
Enciral Canyon Creek	(180701640202				
Trances Canvon Oreek	180701040203	۵. ۵	u	Control of the contro	
Dune Lagoons	180701040203	Ш.	ш Х		
	- Marian	ω. W	u		
Rammer Caryon Creek	180701040204	1			
	180701040204	1000		*****	
Lador Caryon Creek	180703040204	-			~
Solstice Caryon Creek	180705040204	u.	ш		
Puerco Genyon Creek	180701040204				
Contai Canyon Creek	160701040204	****	-	undrusten 	-
Carbon Caryon Ereck	180701040403				
Las Fisces Carpon Creek	180701040406		•***		
Pledia Corte Caryon Creek	180701040405				
Pers Carron Creek.	180701040433		5550. 	991390	
Turas Canyon Creek	180701040403				
itoranga Lagoon ^c	150701040401		າມ 		·
Toparga Carson Creek	180701040401				
Set A to a start of the set of		1	ш		-
		ă	ш		-
Santa Monica Canyon Channel	180701040402	Ps Sd	and a state of the		
Kustic Canyon Creek	180704040202				
Salivan Canyon Creek	180701040402	1		der i Harden (Cameral) of the	
	180701040402				
Coasta Siteams of Paice Verdes	180701040500	S-191224 Ethneight	A decision of the second	chike-weetranditicities-inter-	
Langurourbaits of Pace verdes	BUNDISHUND		*	and the second secon	
esuy skugi Marbadol ste	saururoaunu sammanna	ti ti	11 II.		
	180701840701	10.	<b>1</b> u		
Stare Canyon Reserver	12	PK			-
Holywood Reservoir	-	R.	i u	Boki	
Franklin Caryon Reservoir	TEOZOTO403D0	PKU			
	180701040300	e.	ш 	5-10/06-404/1-20400-100-100-1-1	
	Footmotes are consistent for all beneficial use tables.	ent for all	beacheia	d use tables.	-
P. Potential beneficial use	Waterbodies are li	sted mult	pie times	if they cross hyd	Waterbodics are listed multiple times if they cross hydrologic area or subarea boundaries. Beneficial are desienations anny to
	tributaries to the indicated waterbody, if not listed separately.	cated wata	arbody, if	not listed separat	tely.
	Coastal waterbodie	s which a	ac also lis	ted in Coestal Fe	c: Coastal waterbodics which are also listed in Coastal Feutures Table (2-3) ur in Wetlands table (2-4).
G, Some	: Public access to re-	servoù az	d its secre	nunding watershe	k: Public access to reservoir and its surrounding watershed is prohibited by Los Angeles County Department of Public Works.
may be considered for exemption at a later date (See pages 2-3, 4 for	L Access prohibited	by Los A	ngeles Co	nunty Department	m. Access prohibited by Los Angefes County Department in the concrete-channelized areas.
13 13	s. Access prohibited by Les Angelies County Department of Public works. n' This recentris is covered and thus inaccessible	by Less Ar Werred and	igeles Coa	unty Department vessible	of Pathic works.
		51 23 35	YERSI CANARE &		

Table 2-1a. Beneficial Uses of Inland Surface Waters (Continued).

WATERSHED	WBD No.	ECT LI		REC2 High Flow Suspension	
MALIBU CREEK WATERSHED					
Atalitu Lagoon * Matibu Creek	180701040104 180701040104	шШ		U.S.	
Cold Creak Las Virgenes Creak	180701040104	ANTICOMAGE		ա <b>ա</b>	
Century reservoir Malicou Lake	180701040104	шш		ມ <b>ເ</b> ມ	
Medea Creek Reach 1 (Malibou Lake to Lindero Creek Reach 1) Wedea Creek Reach 2 above tindero Creek Reach 1)	180701040102 180701040104	£ £	44	C 97/3	
	180701040162	100000000000000000000000000000000000000			
	180701040101	22030553555			
Triuming Creek Reach 2 (Lobo Canyon to Westlake Lake) Westlake Lake	180701040104 180701040101	ξu		с 	
Editera Valey Creak	180701040101				
Lake Eksanor Creek (Lahe Beanor	180701040101 180701040101			# 	
	180701040101	òssuus	sugar and a sugar sugar	<u>ш</u>	
Hataten Vallery Citraak Lizike Sherwood	180701940101 180701040101	Ш		·** Ш	
BALLONA CREEK WATERSHED					
Bellona Creek Estuary (excis al Centinela Creek) ^{a.}		ц,		Ш.	
Balona, Lagony Veniko Canals ? Delivere tvietnese 5	80	ш ш		ш <b>т</b>	•
caluta welatas Del Rey Lacoon*	180701040500	ш Ш		ш Ш	-
Baliona Creek Reach 2 (Estuary to National Bivd.) Deficience Reach 2 (Estuary to National Bivd.)		Ps,au	Ш	Ш Д	
DOMINE CLOCK REACH A (LACOVE VALIDAE DIVE) LOS CERRITOS CHAMNEL WATERSHED	MONTOLO	180.SL		E Yav	
Los Centros Wetlands *	180701040702			E	
Los Centics Channel Estuary (Ends at Azaheim Rd.) ^c Sins Pond	160701040702 160701040702	ហ្លឹ	alis meterili	шй	
ne de la construction de la constru 101	180701040702	a, 1		1	
	finothates are consistent for all beneficial tree tables	istent fris a	કે કેશ્વાર્સ્ટ	eficial nee tables	
	Waterbodies are	listed mu	lipže či	nes if they cross hyr	ar Waterbedies are listed multiple finnes if they cross hydrologic area or subarea boundaries. Beneficial use designations apply to all
	ibutaries to the m	dicated wa	terbody	sibutaries to the indicated waterbody, if not listed separately.	itely.
L.L., 2001. SD281.80 protected as required. * 6 stariebod MENN decimentions are destimated under CB 30.62 and DD 90.02 forma - fo	Coastal waterboo	Hes which	are also additional	v irsted in Coestal F	re totation waterbooks which are easily first in Constal Pratines Table (2-3) or in Weitlands table (2-4)
	r doress prohibilit	ecserveu a ed by Los ,	Angeles	uriounidang watersor S County Departmen	a. Tuest actors at routed and us sufficienting wardshou is prodokted by los Angeles Courry Upparanent of Public Works. M. Access trolabiled by Los Angeles Compty Denarment in the concrete-channelized areas
	Access prohibited	d by Los A	ngeles	s: Access prohibited by Los Angeles County Department of Public Works	t of Public Works.
associated with	Public water surg	oly reserve	ii. Own	Public water supply reserven. Owner prohibits public catry	
uc warmane goa as expressed in the reacta oreau water Act section to real, and regulated under the REC-1 use in the Basin Plan, or the associated bacteriological objectives set to prudect those activities. Rowever, water quality objectives set to protect other REC-1 uses associated with the fishable social as extremestod in the Facherbi Clan	w. I Incoc areas are c estuaries.	angareeroo	CISITI	as. Ali reterocs t	w. I new areas are engineered casarters. All reternees to 11dal Frisms in Acgional Board documents are functionally equivalent to estuaries.
Water Act section 1010(a)(2) shall remain in effect for waters where the (au) footnote appears. Water Act section 1010(a)(2) shall remain in effect for waters where the (au) footnote appears. Water Act section 101(a)(2) shall remain in effect for water recretional activities associated with the swimmable goal as expressed in the federal Clean Water Act section 101(a)(2) and regulated under the REC-1 use, non- contact water recretions involving including water contact remained infer the BFC-2 rue and the Associated in the relevance of to mater three activities Using mater and water contact remained with a section for a section of the section of	ars. d with the swimm and the associated	lable goal Forteriols	as expri nimit ni	sssed in the federal financia	Clean Water Act section 101(a)(2) and regulated under the REC-1 use, non- or there eatingies 115 mean of the Action of the moder of 1, eds.
Terretional uses associated with the fishable goad as expressed in the fielderal Clean Water Act socion 101(a)(2) and regulated under the REC-1 use and (2) other REC-2 uses (e.g., uses involving the aesthetic aspects of water) shall remain in effect at all lines for waters when the (ay) flootnote appears.	ct section 101(a)	(2) and reg	njaleči t	guarde and a process	ter unuse automates. Water quanty ungeruves set to protect (1) unter $c$ and (2) other REC-2 uses ( $c$ $g_{*}$ uses involving the aesthetic aspects of
** Ine dividing list between "Bullona Creek" and "Ballona Creek to Estuary" is the point at which the vertical channel walls transition to stoping walls	t which the vertic	al channel	walls b	ransition to sloping	walls.

Table 2-1a. Beneficial Uses of Inland Surface Waters (Continued).

WATERSHED ²	VISO No.	Rect	LREC-1	RECO	High Flow Suspension
DOMINGUEZCHANNEL WATERSHED					
Dominguez Channel Estuary (Ends ar Vermont Ave.) ^{cor} Dominguez Channel (Estuary a 155h St.) Dominguez Channel (estuary a 155h St.)	180701060102 180701060102	រៀល ដ		шши	Yav
LOS ANGELES RIVER (MATERSHED					
	A BUTCHER OF A	l		Ľ	
Los Angeles River Reach 1 (Estuary to Carson SL)	180703050404	U 11	S. 1999.05	й ш	Nev Yev
Compton Crieda	180701050404	Es	Sector Sector		
Los Angeles River Reach 2 (Carson St. to Rio Hondo Reach 1)	180701050404	ม้า		Ш. Marine Marine	È.
Los Augens rover reach 2470 77400 Keapil ac farenda Sul. Río Hando Reach 1 (Los Angeles River Reach 2 to Sarta Ana Freeway)	180701050403	ព្រឹត្ត	1.1	ШШ	Yav
Roo Hondo Reacti 2 (Santa Ana Freeway to Whitser Narrows Dam)	180701050403	Im			Yev
Rio Hando Reach 3 (above Witatier Marcows Dam) Demonstrations - Missional Company	180701050402	E	1.000 State Stat	Ш	Yav
	160701050403	E			Ş
Rubo Canyon	180701050401				
Eators Wash Feators Wash	180701050401			and a second	
Eaton Wash (above dam) (Eaton Dam to Mount Wilson Tol Rd.)	180701050401	i.	å		
Ezion Reservoir	180701050401	8 (S)		<b>P</b>	
Eaton Canyon Creek (shove Mount Wilson Tol Rd)	180701050401	Ш	STAR DE BARRES	Ш	22002
ur ottor of the state of the st	180701050302	6		49	200 V
Sarita Anita Wash (fower) (Rio Hondo Reach 3 to Eldins Ave.)	180701050302	md	5100.14	H	~et.
Santa Antia Wash (upper) (Elkins Ave. to Big Santa Antia Reservoir)	180701050302	E		Ш	·
entre Sana Anta Carva Carva Saryan Sheet,	CUPOCOLOTONOO				
Sama Anta Cancerto	180701050302	E.	Service Service	Ш	
your sound that want that the function of the function of the sound	1.80701050302	3544		Ш	
East Fort Santa Pulta Cantoo	180701050302	u I		Ц	
Savita Wash Saving Carnori Crock	180701050302				
	182701050302	ç	And a state of the state	54 S	
Arvens Service Canyon Creek	180701050302		ないの		
Arroyo Seco Reach 2 (Tody Strin) Devis (Sale Dam)	180701050209				
Devils Gate Reservoir (Jower)	180701050209	e e	and the second second	1001	
, Louis Gate Reserver (upper), and the second for the second second for the second	180701050209		and the second second	щ	A MARK WALLER
Natio Caryon Check	180701050209	E S	Statistica.		
El Priedo Carryon Creek	180701050209	A. 1999	Series and the series of the s	Code Street	0001111012-144, 900a2,116946811-5V
Los Anaeles River Reach 3 (Foueroa St. to Riverside Dr.)	180701050402	m		÷Ψ	<u> </u>
Ventugo Wash Reach 1 (Los Angeles River Roh 3 to Vendugo Rd/Towne St.)	150701050207	ng.			Yan'
Verdiago Wash Reach 2 (above Verchigo Rd, @ Towne St) Leas ricement Charoel	180701050207 380701050207	E G	THE RELIGES	1 1	Yan
	180701050207	1	S. Marian	1	Yav
Dictorio Canyon	180701050207				
	Support are consistent for all hemeficial use tables	ictions' fin	amer ale	Fired 1	co tehlor
	z ucentrato det Loniouxient dur 25: 05:5031-521 050 latel d. 3 imiteat sublim conser anzoluciae 9:41 utilimetica		all wheel		se laures.
	u. animiera puerse access ja canues mula dana dan mula access puerse access ja dan ang access for		a danara a		zastus.

Incuminent constictal use.
 E.P., and I: shall be protected as required.
 m. Access prohibited by Los Angeles County Department in the Concrete-channelized areas.
 E.P. and I: shall be protected as required.
 x. Owner prohibited by Los Angeles County Department of Public Works.
 x. Owner prohibited by Los Angeles County Department of Public Works.
 av. The High Flow Suspension only applies to water contact recreational activities associated with the swimmable goal as expressed in the federal Clean Water Act section 101(a)(2) and regulated under the REC-1 use, non-contact water regulated under the REC-2 use, and the associated bacteriological objectives set to protect (h) other contact water contact regulated under the REC-2 use, and the associated bacteriological objectives set to protect (hose activities. Water quality objectives set to protect (h) other contact water set in the federal Clean Water Act section 101(a)(2) and regulated under the REC-2 use, and the associated bacteriological objectives set to protect (h) other contact regulated in the federal Clean Water Act section 101(a)(2) and regulated under the REC-2 use, and the associated bacteriological objectives set to protect those activities. Water ganifity objectives set to protect (h) other contact regulated in the federal Clean Water Act section 101(a)(2) and regulated under the REC-3 uses associated bacteriological objectives set to protect those activities. Water and (2) other REC-2 uses (e.g., uses involving the acthetic aspects of water shall remain in effect at all times for waters where the (av) footnote appears.

Table 2-1a. Beneficial Uses of Inland Surface Waters (Continued).

WATERSHED [#]	WBD Nr.	2 2 2 2 2	S S S S S S S	2 2 2	High Flow Suspension	· · · · · · · · · · · · · · · · · · ·	
LOS MORIES RIVER WATERSHED (cont)							
Dursmane Canyon Creek	180701050207	\$ \$6	10 10 10 10 10 10 10 10 10 10 10 10 10 1	4			
Dulutian Western Lawrence and Creek	180701050208	1911 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 1912 - 19		CODO-HON			
Tujunga Wash	180701050208	Ed			χa.		
Hansen Plood Control Basin & Lakes	180701050105	ພ		ш.		-	
S U	180701050104	1000 States	S. Weight Course	÷Ш	「中国の時間の日本のないでは、		
Kape Carvon Creek	180701050104	a m					
Big Tujunga Canyon Creek (Hansen Flood Control Basin to Big Tujunga Reservoir) Bin Traence Convert Creek Jahwas Bin Triemcia Reservatio	180701050105	e al		шЦ			
	180701050103		100 100 100 100 100 100 100 100 100 100	ц. Щ			•
l'faines Canyon Creek	180701050105	in the			(ar		
Vasiguez Creek	180701050105	ม	althurmetic and	Ш	C'HUMONH-DAUH-MANNA		
CoorDie Coordinate Contraction Cont	180201050105	u,		Ψ, r			
big Turker		¥ L		ц			
<b>POISTB</b>	180701050208	(u	Statich and So	Щ	Ner,		
Peconna Wash:	180701050206	E E		E.			
Pacrima Reservoir	180701050205 40070055205	u	A	ш:L			
	SIGNATION CONCEPTION			u u			
	12000 LINE LINE LINE	Section 2	S STATES	u u	Nan'		
	180701050204	E	the full-subscription (3.6)	ĴШ			
Los Angeles, River Reach 5 (Sepuineda Dam to Balboa Divit)	180701050208	L. L.		Ш.	Yan		
Basi	180701050208	the second se	attention and	ш	at out 2005 6 11:000 1000		
	180(01050504	80					
Lus August resea vai	180701050204	2	A ANTARA	IJ Ü			
Loper Van Norman Reservoir	120701050204	Pku					
Los Angeles River Reachts (above Battoa Bhut)	180201050208	823		E	R.		
Cabaitero Creek	180/0105020B	e B B B B B B B B B B B B B B B B B B B		100 A 100	ARX CONTRACT		
and a substance of the substance of the state state state and the substance of the substance of the substance of the state st	180701050203				Yav		
Limekin Caryon Wash	180701050203	E State					
Browns Canyon Wash (Los Angeles River Reach 5 to State Hwy 118)	180701050202	lan Andrews	Chen Hand, School Street		a stantasen di Antonio (1900) este a		
DICHNIS LOUDI LIPER (BOOKE STARE THRY 310)	180,001050201	<b>e</b> }					
DIV Carvon Creek	180701050201						
McCoy Canyon Creek	180701050201	74					
Beil Creek	180701050201			È.	Ś.		
Chatsworth Reservoir ^y	180701050201	Q		ш	Contraction of the local sector		
restantiation des restantiations de l'anti-	oofnotes are consi	steat for	ali benei	icial us	e tabies.		
	Waterbootes are	Insted mu	friple tin	nes if th	nev crocs hydro	a. Waterbodies are fitted multiple times if they cross hydrolosic area or subarre humdaries. Beneficial are designations analy to all	
Se	sributaries to the indicated waterbody. If not listed separately	dicated w	aterbody	L if mor	listed scherate	žív.	1
as required.	"Public access to:	RESERVOR	and its s	TUBOLEZ	fine watershed	t. Pubblic access to reservoir and its surrounding watershed is prohibited by Los Aneeles Coumy Prenatment of Public Works	
enated under SB 88-63 and RB 89-03.	r Access prohibits	ed by Los	: Anecie	s Count	N Denartment	m. Access prohibited by Los Argeles County Department in a Construction and areas.	
3-H A	This recently is covered and thus inaccessible	s perevuo	nd this	Secondary	siste	A TABLE AND A DATABLE AND A	

is prohibited by Los Angeles County Department of Public Works. In the Concrete-channelized areas. ur. This reservoir is covered and thus maccessible. y. Currently dry and no plans for restoration. Some designations may be considered for exemption at a later date (See pages 2-3, 4

av. The High Flow Suspension only applies to water contact recreational activities associated with the swimmable gold as expressed in the federal Cfean Water Act section 101(a)(2) and regulated under the REC-1 use, non-contact water recreation involving incidental water contact regulated under the REC-2 use, and the associated bacteriological objectives set to protect thore activities. Water quality objectives set to protect (1) other recreational uses associated with the fishable goal as expressed in the federal Clean Water Act section 101(a)(2) and regulated under the REC-1 use and (2) other REC-2 uses involving the aesthetic aspects of water) shall remain in effect at all times for waters where the (av) footnote appears.

for more details).

 Table 2-1a. Beneficial Uses of Inland Surface Waters (Continued).

WHIERSHED ²	WED No.	EC E	REC-4 REC-	2 High Flow	100
LOS MARLES RIVER WYTERS/ED (cont.)					
ISOLATED LAKES AND RESERVOIRS. 1995: Rock Rock Prosense: 1995: Rock Rock Rock Reservoir	\$		CHINA CALING	and of the second s	
con use E Dendo Lakes Eystan Reservoir	15070105060606 1507010506066 180701050403	. ພ <del>ດ</del> ັ			
	180701050205	şinneşi çi		(W W	
Lincoin Park Late Silver Reservoir Silver Lade Riccordin Toluxa Lade Riccordin	180701050403 180701040200 187701050706	o č d	шЩч 		
SAN GABREL RUER VATERSHED		-			
San Gabriel River Estuary (Entos as Willow St.) 5** Covote Creek (San Gabriel River Estuary to La Crandol Vercle Creek)	180701060806	w £	ш- -		
(coveté: Creek (atoose) a Canada Varde Orek). San Gabriek River Roach 1 (San Cabriel Roac Estuary In Firestone River).	180701050503	<u>v</u>	u		
Sard Garbed River Reach 2 (Firestorie Blud ) computer herrows Dam). Writtee harrows Flood Control Basin	180701050506	i i i i i i i i i i i i i i i i i i i	101 U	10) 10) 10)	
	180701060303	<u>,</u> 1	ш.		
Saur Gabriel Rher, Reach 3 (Virilian) Harring to San Juge Creek to San Gabriel Rher, Reach 3 (San Jude Creek to Ramona Bhd)	180701050601			197 197	
	180701060502 180701060501	Eđ		Yav	
	. 10				
in the second		CELEVISSO (CE	iiiiiiiiiiii		
	180701060402 180701060402	č e	-	and the second second	
Brownesh and the second s	10	1997 1997		i ta	
	180701060402				
ពី ខ្ល	180701060402	2	i ž		
the Datton Wash	180701060402	S		<b></b>	
	180701060402				
Call Climes Wesh (upper) (phone Han Carlyon)		题		132	
San Dimas Reservoir San Dintas Canyon Creek	180701060401 180701060401	č W			
	180701060401	w u	E		
	180701060402	Lω	1 Ш (		
	180701060402		<b>34</b> , <b>34</b> ,		
Uve Dat Reservor. Pudihostone Wash	180701060402	W I	¥	}	
reek and Wash (Pluddingstone/Reserver to Va Anroyo)	20	1999	susses and the	10000	
	Footnotes are consistent for all beneficial use lables	stent for al	l beneficia	l use tables.	
	. Access prohibite	d by Los	Ingeles Co	aunity Departu	m: Access prohibited by Los Angeles County Department in the Concrete channetized areas.
1. internation deachtrai use F. P. and F. shall he motorted as received	u: Thus reservoir is covered and thus maccessible 	oovered an	d thus mai	cessible.	
lies to water contact recreational activities	<ol> <li>Owner promotes carry.</li> <li>These areas are engineered channels.</li> </ol>	arery. Deineered	channeis.	All reference	All references to Tidal Prisms in Resignal Ricard domments are functionally evolvedent to
	estuaries.				מי ייייייייייייייייייייייייייייייייייי
scenter IN1 (2014) and regulated under 195 NEC-1 1981, non-contact water recreation Involving incidential water contact regulated under the R.P.C.2 USE, and the associated	Feder access to r	servou an	g HS SUED	unding water	s. Fable, access to reservour and its surrounding watershed is prohibited by Los Angeies County Department of Public Works.
proven (1) other restoration to ((3/2)) and regulated ander the REC-1 ray and (2)					
other REC-2 isses (e.g., uses involving the aesthetic aspects of water) shall remain in effect at all times for waters where the (av) footnote appears.	ti all times for wat	ers where	the (av) fi	poincte appea	123.
		20			

Table 2-1a. Beneficial Uses of Inland Surface Waters (Continued).

	'ON AGAI	5 5 5	LREC-4 REC2	in:charine in the	Suspension
SAN GARRIEL RUVER NATERSTED (cont.)					
Mershell Creek and Wash (above Via Arroyo)	180701060402	щ		+	
	180701060402	L.		30 <b>1</b> 000	Nex .
jozar caziner rower rreactive (rramonia cowo, io samar re Uzin)  Samta Fe Flood Control Basin	150/010503	50			NR,
UPPER SAVIGABRIEL RIVER TRIBUTARIES	ALCONOMIC MARKED AND				
San Gelorial River Reach 5 (Santa Fe Dam to Hamingion Dr.)	100000000000	E.		14 196	Cault
Sar Gabriel River Reach 5 (Huntington Dr. to Van Tassel Caryon)	180701060601	ш	Tatada (s) also included	Ш	
San Cabriel River Reach 57 Van Tassel Canyon to San Cabriel Resonold	180701060501	E S	Same and	E	
Bradbury Canyon Creek	160701050501	***	1		the second s
	180701060501			Service of	
stadedock Carryon Crock	1000010/081	and the second sec	steelinterton E on	- E - Contraction	A ALL AND
	1000011000015	Ľ			
Roberts Canver Creek	180701050601				A CONTRACTOR OF
	180701060601	ça.			10.19.00 Million & 15.00.00
San Oshidi Recevoli ili sugar su	180701060601	La constantino de la constan el constantino de la constantino de l			SALE AND
East Fork San Gabriel River (San Cabriel Reservoir to Fish Fork)	180701060301	Ш		ш	e a little de versiteire et autorite de se
East Fork San Sabriel River (above Fish) Forto	130/101050303	STE ST			
Cattle Carryon Creek	180701D60302	ш		ш	and the second se
Coldwater Danyon Creek	180701050302	Ē		Ē	のないでの読みを見
ů	180701060302	ш		ш	
	180701060303	Û.	「日本の日本の日本		
	1000010001		Constanting and	ника Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примения Примен	0.000 00000000000000000000000000000000
	CURRENT INDUCUS				
Treat Control Control (Active) (Active) (Active)	Jeuru Jookeuk		State State State	ц Ц	
になる。「など、など、ならい、構成していた」では、	SOULD COULD		Statistics and statistics		an Bhallethanna Anan
	Second According		ALC: NO. CO.		Contra Chillenter Chilling the
	SOUTH DEVICE S	1999 - Star	100 100 100 IN		
	Surviv nousue		A SHEER SHEER	ini M	
	TRUZINACIONE	L L	The Read of the State		and the second second second
	180701060205		Service and and		
8	\$80701060202	Ш	Check/14/28/04/5/ 52/24	й П Ш	2000-00-00-00-00-00-00-00-00-00-00-00-00
Bends Caryon Greek	180701050201	51 <b>E</b> (22			
ISISOND WATERCOMPSES					
		Service and			
mail	130600140203	۵,	allan yaanaa kii saala		Allow (Disential Party)
	150701070107				
Sarta Catalina Mandi	130701070002	No. of the West	THE REPORT		
NACTOR Starts Starts Statements	180701070003	ш		àcce	and a construction of
San Cleriterite Island	130701670004	U U		U.	and the second second
SAN ANTONIO CREEK MATERSHED **					
		SUN UNION INCOMENDATION			
san Heroro Liam And Reservor San Antorio Canton Creek		uu		ພຸມ	
Designed 20126200 - Parce 12000 - 2110 - 210 - 2010 - 2010 - 2010 - 2010	all the state while the bar where a	ģ	ñ		Sublicity and the Charles

E,P, and I: shall be protected as required. I. Intermittent beneficial use P. Potential beneficial use

a: Waterbookes are listed multiple times if they cross hydrologic area or subarez boundaries. Beneficial use designations apply to all tributaries to the indicated waterbody, if not listed separately

m: Access prohibited by Los Angeles County Department in the Concrete-channelized areas. ab: This watershed is also in Region & (801.23).

av: The High Flow Suspension only applies to water contact recreational activities associated with the swimmable goal as expressed in the federal Clean Water Act section 101(a)(2) and regulated under the REC-1 use, non-contact water recreation involving incidental water contact regulated under the REC-2 use, and the associated bacteriological objectives set to protect those activities. Water quality objectives set to protect (1) other recreational uses associated with the fistiable goal as expressed in the federal Clean Water Act section 101(a)(2) and regulated under the REC-3 use, goal recreational uses associated with the fistiable goal as expressed in the federal Clean Water Act section 101(a)(2) and regulated under the REC-1 use and (2) other REC-2 uses (e.g., uses involving the aesthetic aspects of water) shell remain in effect at all firnes for waters where the (av) footnote appears.

	*****				
WATERSHED®	WED No.	ğ	C K	S S S S S S	High Flow
					SUSpension
VENTURA COUNTY COASTAL FEATURE"	WBD NO.				
Nears for A		ш		w	
Offishere Zone		E		W	
Rincon Beach 18. Ann. Martin ann an Anna ann ann ann ann ann ann an	180701010201	W.		ш	
Ventura River Estuary c	18070101010106	U)		ш	
Ventura Keys (Narina) 1	180701010202	W. Star	\$1.0110.000	itati situ	and the second second second second second
	MADIOLOGICAL			LU I	
Social Under Doubly Comments of States of Stat		1	10000000000000000000000000000000000000	1000 L	Dentitation (Decitation and Phase
	tarnunta rad	IJ.1	No. No.	Ц,	Action in the second second
	LOZDLDLDJ/09L	ជ	an airtean an a	B	and the second contraction of the second
	LAZDEDLD/DAL	60		E C	
Clance starts Partor	180701010201	ដ្ឋ		w	
Martadoy Bay (Manua) - 19 - 19 - 19 - 19 - 19 - 19 - 19 - 1	15070100201	80		щ	
	180701010201	m		E)	
Ormord Beach	180701010201	E		Ш	
Ormerid Beach Weilands c	180701010202	ш	10401000	ш	2. 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1
Nugar Lagronic	180701010202	Pa		Ë	
Calleguas Creek Estrary c	180701010202	Pa		ш	and a second
LOS ANGELES COUNTY COASTAL FEATURE					
Nearshore Zone *		ш	alter de man stater	11	- Chief and Chie
Gffsitter Zone		11		лщ	
Notalas Caryon Beach	180701040402	u U		L L	
Frances Beach	180701040403	E C	and the second state of the second	μ	Contraction of the contraction o
Zurra County (Westward) Beach	160701040403	E.		LL C	
Durne State Beach	180701040404	e W	eff to flick with the	a state of the sta	annage invatid filles, tride.
DumeLagoonc	180701040403	Ű		Ű	
Escontido Beach	180701040404	ш		ш	1000 1000 1000 1000 1000 1000 1000 100
Dan Blocker Mernonal (Corral) Beach	1307.01040404	<b>U</b>		W	
E. Existing beneficial use	Footwotes are consistent for all beneficial use tables.	sistent fo	sall ben	eficial a	se tables.
P: Potential heneficial use	a. Waterbodies are listed multiple times if fleev cross hydr	e listed r	nultinje.	times if	they cross hydr
I' Intermittent besteficiai use	stibutaries to the indicated waterbody if not listed senarated	adicated	waterbo	dv. if no	t listed sender
E.P., and E. shall be protected as required.	b; Waterbodies designated as WET mey have wetlands hab	Signated	as WET	may ha	we wettands ha
^A : Nearshore is defined as the zone bounded by the shoreline and a line 1000 feet from	would require a detailed analysis of the area	tailed an	alvsis of	f the area	
the shoreline or the 30-foot depth contours, whichever is further from the shore line.	r Coostal waterburdies which are also listed in Coastal Fee	dire acha	vih ane al	ista listar	d in Coastal For
	R. C. Commun. Interesco.				

rologic area or subarea boundaries. Beneficial use designations apply to all ŝ

ibitat associated with only a portion of the waterbody. Any regulatery action

would require a detailed analysis of the area.

c: Coastal waterbodics which are also listed in Coastal Features Table (2-3) or in Wetlands Table (2-4).

d. Limited public access precludes full utilization.

Longshore extent is from Rincon Creek to the San Gabriel River estuary.

e. One or more rare species utilizes all ocean, lays, estuaries, and coastal wetlands for foraging and/or nesting. f. Aquatic organisms utilize all bays, estuaries, lagoons, and coastal wetlands, to a certain extent, for spawning and carty development.

This may include migration into areas which are heavily influenced by freshwater inputs. or Area is currently under control of the Navy: swimming is prohibited.

o: Marine Habitars of the Channel islands and Mugu Lagoon serve as pinniped haul-out areas for one or more species (i.e., sea lions). p: Habitat of the Clapper Rail.

as: Arcas of Special Biological Significance (along coast from Latigo Point to Laguna Point) and Big Sycamore Caryon and Abalone

Cove Ecological Reserves and Point Femin Marine Life Refuge.

ar: Areas exhibiting large shellfish populations include Malibu, Point Dume, Point Fermin, White Point and Zuma Beach, ap. Water contact recreational activities are limited to the beach area at the harbor by Marina. Aufhorities. aq. Water contact recreational activities are limited by City of Oxnard to within the easement area of each home.

2-26

Table 2-1a. Beneficial Uses of Inland Surface Waters (Continued).

					Hab Flow
WALERSHED.	WBD No.	8 2 2 2	Ц Ц	12 22 23	Suspension
LOS ANGELES COUNTY COASTAL FEATURE" (CONT.)	WBD NO.				
Puerco Beach	180701040404	ш	, per se	ш	
Amarito Beach	180701040404	E		Ē	
Makin Dear	188701040404	u		Ш	
MERCHERCOND	180701040404	E		ш	
Carton Beach	180701040502	ш	- the low rate of the low rate of the	ш	
La Costa Beach	180701040502	E		Ē	
Las Frores Beach	180701040502	ш		ш	and the sum of the state of the state of the state of the state
Las Tunas Beach	180701040502	E		Ц.	
Texanga Beach	180701840502	щ	-	ш	A New York Control of the Control of The Control of Con
Topangali agoon c	180701040501	Э.		Ц	
Will Rogers State Beach	180701040502	щ		щ	Non-Contraction and the second contraction of the second second second second second second second second second
Santa Monica Beach	180701040502	E		Ш	
Venice Beach	180701040502	щ	d values - and the prove	ш	**************************************
Mentra Del Rey 🔅 🖓 👘 🖓 👘 🖓 👘 🖓 👘 🖓 👘 🖓 👘		u			
Harbor	180701040502	ш	The second second second	ш	and a state of the second states
Public Beach Areas	180701040502	Ŵ		E.	
All contract Arcess	180701040502	۵.		щ	
Ettrance Channel	180701040502	ш Ш		ш	
Ballona Creek Estuary c. w	180703040200	ш		ш	
Balkona Lagoon Wence Carads c	180701040502	ŵ		w	
BERGIO WELLERS & 1944 - A conserving states in the service and the service and stream conserving and and the service and and the service and the	180701040200	ш		W	
Del Rey Lagonic	180701040501	n N		w	
DOCKREER BEDING District on strandingstrandingstrandingstrandingstrandingstrandingstrandingstrandingstrandingstrandingstranding	180701040501	ш	r.0017.10	w	
kientrattan Beach	180701640501	Ŵ		ω	
Hermosa Beach	180701040501	រោ	nonol	ш	
	130701040601	ш		Ш	
Reduxió Beszis 1 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 201 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 201 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 2017 - 20	180701040601	ш		ш	
Torrance Beach	1000H0102081	Ē		Ē	
Port Accesse Bearing Assessment of the second se	188701040601	ш	nonel	ш	denos atien
Roya Paints Beach	180/01/0/181	ш		ш	
	Foomotes are consistent for all beneficial use tables.	istent for	ait ben	eficial u	se tables.
	al Waterbodies are listed multiple times if they cross hydre	e listed n	mitiple 1	times if	they cross hyd
	tributaties to the indicated waterbook, if not listed separate	diczted 5	waterbox	\$Y, if ao	t listed separat
E.P. and L shall be protected as required.	b. Waterbodies designated as WET may have wetlands hab	signated	as WET	may ha	ve wetlands he
i i	ah a daning a da	يتد العازمة	Marine and	Stha curr	

irologic area or subarea boundaries. Beneficial use designations apply to all

tributaries to the indicated waterbooky, if not listed separately. b: Waterbooks designated as WET may have wetlands habitat associated with only a portion of the waterbody. Any regulatory action would require a detailed analysis of the area.

c: Coastal waterbodies which are also listed in Coastal Features Table (2-3) or in Wethands Table (2-4).
c: One or more rare species utilizes all ocean, bays, estuaries, and coastal wethands for fonging and/or nesting.
EAquatic organisms utilize all bays, estuaries, lagoons, and coastal wetlands for fonging and/or nesting.
EAquatic organisms utilize all bays, estuaries, lagoons, and coastal wetlands, to a certain extent, for spawning and early development.
This may include migration into areas which are heavily influenced by freshwater inputs.
This may include migration into areas which are heavily influenced by freshwater inputs.
This may include migration into areas which are heavily influenced by freshwater inputs.
This may include migration into areas which are heavily influenced by freshwater inputs.
This may include migration into areas which are heavily influenced by freshwater inputs.
This may include migration into areas which are heavily influenced by freshwater inputs.
This may include migration into areas which are heavily influenced by freshwater inputs.
This may include migration into areas which are heavily influenced by freshwater inputs.
This may include migration into areas which are heavily influenced by freshwater inputs.
With Found the Point and Zuma Beach.
W. These areas are ongineered channels. All references to Tidal Prisms in Regional Boaud documents are functionally equivalent to estuaries.

Ĕ

Los Angeles Regional Water Quality Control Board

sch Hof Inland Surface Waters (Continued).

Table 2-1a. Beneficia		ALED ALC	2 11		ដ្ឋ	High Flow
Areas Areas		2015 APR25	***		i X	Suspension
	BILET FEATURE (CONT)	WED NO				
LOS ANGELES COUNTY OF		180701040601	u.		ш	
3.15		180701046302	យ		ш ш	
Whiles Point County Beach annex		180701040602			ш	
Cabrillo Beach		180701040602	ų,	1094	ELLI	
Los Angeles - Long Beach Farina		180701040602	ш		÷	
stocr stocr		180701040602	111	1.00	LLI	
Ana		180701040602	Ġ.		С Ш	
Public Beach Arress		180701040302	ĥ	C Record		
All Officer Inter Areas		180701040404	E Constant		E S	
Dominguez Channel EZOME		180701040600				
Los Angeles River Est		180701040600	E S			
Alamitos Bey	A construction of the Advanced A	180701040600		and the second second second	in the second se	at the party of the state of the
Los Cerritos Weilands		180701040506	Ē			
Los Cerritos Channel ishore	voorden na kun suuren en een een een en een een een een ee	180701040600				Success and Subhard Structures
San Cabriel Estuary c,		180701040600	Ê			
Long Beach Marina		180701040600	۵.	tiled	2     11]	
Putric Beach		180701040600	d			
At other Areas		180701040600	ш Ш	1 <b>54</b> 64	E CL	
Menne Stadium						
Long Beach	and a second of the second	en en verber sentre sellen allen allen allen berekende	And in the second second	C Martines		
ISUADS NEARSHORE ZONEse		180600140203			E	
122		180701870001	u			and a superior of the state of the second
	H. A.	16070107001	жол Ц		Line and Lin	
San Neoles Island		180701070003	υ	· LL		52214 10262 11 24267 14 27 21 14 19
Berg Rock Nearshore		180701070003	<u>П</u>		Ē	
Saraa Barbara Island	« по м м са състани и марст сараст Со милата, по смара по ща стават Сом «по Совании» Собат Сование Соват С Руко	180701070002	L L		111	and the second second second second
Seria Catalna March	d	180701070004				
	An Annald Manager and Annald Manager and Annales and a strategy of the strategy of	danta na bata manana da manana na manana	and the foreign of the second	and a contract of the second o		and the second
San Clemente Island		Footnotes are consistent for all beneficial use tables.	sistent fo	rall ben	cfacial ar	se tables.
	0	a: Waterbodies are listed multiple times if they cross hydro	e listed n	nuitiple t	imes if I	they cross hydro
E. Evisting beneficial use	tt	tributaries to the indicated waterbody, if not listed separately	- personal	waterbod	by, if and	t listed separatel
P. Potential beneficial use		b: Waterbodies designated as WET may have wetlands habi	signated	as WET	rnay ha	ve wettands hab
It intermittent beneficial use	- ace	would require a detailed analysis of the area.	stailed an	alysis of	the area	ľ
E.P. and I. shall be protected	xemption at a later date (See pages 2-3, 4 for c	c: Coastas waterbodies which are also listed in Coastal Feat	idies who	ch are al	so lister	f in Coastal Fea
* Astensked MUN designativ		e: One or more rare species utilizes all ocean, bays, estuarie	e species	utelizes	ae ocea	n, bays, estuenc
designations may be consider more deterior		n Aquatic organisms athize all bays, estuaries, lagoons, and	ms at lize	all bays	estuari	es, lagoons, and
	T TARELI DERES AND ANTINET FALLENT SOLDARISMENT	Leis firzy heuroce inertagior fieo afeas waller ate reavery fill	10EEEEEE	e eneo afre		a are acavery ma
the shareful is not the cost inc	82	at Area is currently under control of the Navy' swimming is	y under e	DISTOL OF	SZ OF	ry: swamming is
0 1001-nc 202 10 20101010 201		p: Habitat of the Clapper Rai	Liapper H	Cast.	ļ	

tologic area or subarea boundaries. Beneficial use designations apply to all . Na

bitat associated with only a portion of the waterbody. Any negulatory action

catures Table (2-3) or in Wetlands Table (2-4). riss, and coastal wetlands for foraging and/or nesting. ad coastal wetlands, to a certain extent, for spawning and carly development. alluenced by freshwater inputs. t is prohibited.

p: Habitet of the Clapper Rail. an: Areas of Special Biological Significance (along coast from Latigo Point to Laguna Point) and Big Sycamore Canyon and Abalone Cove Ecological Reserves and Point Femin Marine Life Refuge. ac: Aveas exhibiting large shellfrin populations include Malibu, Point Dume, Point Fermin, White Point and Zuma Beach. ap: Water contact recreational activities are limited to the beach area at the fractor by Marina Authorities.

WATERSHED ^a	WBD No.	RECI	LREC-4 REC2	REC	High Flow Suspension	Procession and a second second
WETLAND						Contra la
Mestura River Estuary c.	180701010106	Ш.		ůů		1.000
Santa Clara River Estary c	180701020904	ш		ш	1.1100-1-110-1-100-1-10-1-10-1-10-1-10-	
McGraft Latec	18070100201	B		B		20.000
Onnord Reach Wetlands c	180701030202	ш	4311151-25	LL)	and the second se	aumuu s
Mogu Eageon c	180701030202	R		Ш. Д		Section of
Dume Layoon c	180701040403	ш		i.t.i	n an standard and an a standard a standard a standard	******
Matteriagonic	180701040104	E		ш		1075.440
Topenga Lagoon c	180701040501	w		ш		÷
Baltina Layon Venice Carais c	180701040502	ŝ		ш.		201.001
Balana Wetents c	180701040200	<b></b>		ш	accounter and the second of th	
DelReyLagon c,	180701040601	Ш		ш		Molecal N
Los Cerritos Wedlands c	180701060600	ш		ш	anno Malino (Canada Canada Mala	,
						5452470
inclusive. More areas may be added as information becomes. F	Footnotes are consistent for all beneficial use tables. a: Waterbodics are listed multiple times if they cross hydr tributaries to the indicated waterbody, if not listed separate	tent for listed m ficated	ail bene altiple f waterboo	ficial us innes if a fy, if no	e tables. Rey cross hyc I listed separa	1 🖓 🗳
F. Fotentiat beneficial use E intermittent beneficial use E.P. and f. shall be protected as required.	c. Coastai waterbodies which are also listed in inland Sur d. Linnized public access precludes fall utilization. n. Area is currently under control of the Navy: swimming.	dies whi coess pu under o	ich are a sellades l omtroi of	lse liste feil utifi f the Na	f in inland Su zation. vy: swimmin,	H 50

a: Waterbodies are listed multiple times if they cross hydrologic area or subarea boundaries. Beneficial use designations apply to all tributaries to the indicated waterbody, if not listed separately.
c: Coastal waterbodies which are also listed in inland Surface Waters Table (2-1) or in Wetlands Table (2-4).
c: Limited public access precludes full utilization.
n: A. Limited public access precludes full utilization.

Table 2-2 Beneficial Uses of Ground Waters.**

DWR	BASIN	MONE.	- CN	ocale:	NCM.	ACUA	OWR.	NISKA	ŝ	UC dad	aus	NIV.
	PITZS PONAT AREA			A PROPERTY OF			1	5551			į	
A CONTRACTOR OF A CONTRACTOR O			10.00	0100a 40			1. A. P. M. A.	(ARKOYO SANTA ROSA VALLEY ag	Ú		E	
	UPPER OUN VALUEY					a statication to	8.4	LAS POSAS WALLEY ag			E Sector	South States
111-7-4-11N	A Contraction of the State of the		SALVER WAY OF			Additional and		SIMINATIEN	S-AAD STATE AND A STATE AND A	21 Carl Annual Contraction		ALL STREAM PROVIDED IN T
の サ サ	MENTLING INVER VALUEY		ACAN SHARES	VICES MARKED IN		Hall Martha River	8		N. 2. (1) 5. 2. (1) 6. (1) 6.	11.10000000000000000000000000000000000	all head models and	
43.01	Upper Vertura	щ	W	L W	і. Ш		1994-45 2012-07				****	102160
43.02	Lower Vertura	ő.	φ.	Ġ,	m		989149 039044		ш	ш	ш Ш	
4-4-4	SAMTA CLARK RIVER VALVEY at	1.58.00 0.000 0.000 0.000 0.000	ALL DESCRIPTION OF THE PARTY OF	CONCESSION STATISTICS	ARK/1922/1024	人口をつけています。	× 45445	Lincomined ageitiers	ш	щ	щ	
8		<u>s</u>	A VITALITAN / TOTAL MILLION			1000710400044000	814900 100800	Gillibrand Basin	ш	Ċ.	ш	
44.00	Oxrand Floreher	<del></del> µ	u	ú	ш		() () () () () () () () () () () () () (	CONEND VALLEY	1000 U.S. 1000 S		1000 H 1000	12501203000
C		1 II	յս	1 U				STOR ANDELES				
2		11	10	, ,	ji			0/01/01/04 4 4/4 40/11/10/2010	A state and the second	24 (1000201/102001/10200 AL	1.000.0000000000 2C	10000 Mag 1000
		u	L,			****			ш	ш	жж Ш	
							- 10 A	Hollywood	E.	щ	ш Ш	dint:
8	Comfined aquitiens		ų	μ	ш		<u>41</u> 8	Mest Coast	•		-14-75	
4	Uncontined and perched aquiters	Ŵ	Ó.		ш		1,8	Linderwing Ports of Los Angeles & Long Beach	Ш	Ľ	аны Ц	
4	Sarra Para					-	<b>4</b> -13 03	Indertving #1 Samerin Samering of Barrier	1 1	1 (1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
8	East of Peek Road	w	ţIJ	щ	ш	****	11.00		ПŤ	*****	а Ш	<del></del>
4	West of Peck Road	u	ш	ц.	ш					маяна Ш	ш	
10 7	Filmere	I	I	 I	1				E	т Ш	m	
19	Dide Canada Cana	ţ		1	L	( <b>)</b>	6412	SAN FERMANDO VALLEY				1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
		ม	U I	ມ	ш		STATES STATES	SAN GARARE VALAEVAL		Constant of the second second	1000 1000 000 000 000	Contraction of the contraction o
8	Colling Skie of Oktan Claim Rule	ŵ	w	ш	ш		2				THE STATE OF	NAME OF COLOURS
84	Remaining Filimore area	W	w	Ш	ш	ш	3	alietore rejeur.	Statistic Publication	P. S. S. S.		Same Standard
19 19	Topa Topa (upper Sespe) area	á.	ш	ci.	ш 		7 9 1 4	CHOOCH VALLEY	1 A 1		E	Sec. 19
44.86	July 1						F 214	LOCKWOOD VALLEY		Check Contract	L.	1000000
94 P 2	terrar press for the star Dir S	Ø	u				「「「「「「「」」」」	HIMGRY VANLEY	0			and the second se
		41	ui ı				A STATE OF A					1000 F 1000
9		L	រោ	ыны Ш	÷×××	÷.	CHRISTIC (CLASSING	DEL OF DESCRIPTION OF DESCRIPTION OF DESCRIPTION	AVVICE AVVICE	n n	201 <b>1</b> -2014-20	allow a service of
Ş	Lower area west of Pira Greek	ш	ш	нана Ш	 山	*		-			ш	
4.44	Santa Clara River Valley East			85985	54544	-	1 61-4	ardeno Campon area	а.		IJ.	
4.07	Mint Canyon	ш	щ	ш	tti		10.4		. ()		ļ	
4.07	South Fork	w	щ	ш	щ				Section Section	ALL REPORT OF ALL PROPERTY OF	Callon - Callon - Callon	10000000000000000000000000000000000000
4.07	Placerita Carvon	Ш ,	Ш		ntiten LL		8 8		Ū.			100000000000000000000000000000000000000
	Booduet and San Franciscuite Carvons	IШ	. Ц	ібалон I Ш	жээс 					SULES USE MUSE	E	N. M. H. W.
20	Costain Vamou	1 11	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ncikos J	1 () J		<u> .</u>		With the internet	al but but a lot	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
5	Sampler Actifier	ц		Marada J	anai 4				ſĹ,		ផ	<b>5</b> 13
33	1	Sardiseria di Canada Vi	Party Indiana Constantial Constant	71/5 3 (PACIFURDAR) (2017) / 7	Contraction and the first of	100000000000000000000000000000000000000		Point Dune area	Q.,	<u></u>	เป	10516
4			stanood successor		The second second second	00000000000		Mailbu Vašey	Ğ.,		u	
) (i   1	streams that are the first of a set of the set	IJL	Ú L		44		÷,	Topenga Cenyon area	Q.		ù.	
) i		LÌ L		,	4 I	<del></del>	本であるというないが	RAYMOND.	Suppose Suppose	10.000 - 2000 Va	10. CSU195-11.30	14/10/10/10/10/10/10/10/10/10/10/10/10/10/
) : } :		 Ц і	11 I				1971.42	COUNTRIES NOT AVENCE	a vita a dar dar da			
4 I	Loper Bounder Canyon	Ш	ē. 1	а 1.	in I		· Consultation of the second		North Contraction		Section 201	N. P. D. M. C. S. N. N.
\$	Green Valley	ш.	۵. ۵,	шт. А	ŵ		<del>7.</del> .		á.			10000
4	llæke Efizabeth - Lake Fughes ærea	* 1	چ ط	а,	u				۵			
0	PLEPSANT VALTEY ag MC // //	and the second second second	a the subscript of the	and the first of the	0.112.018.014	Section 194		Santa Catalina Island	á.		ш	مدعن
4	Confired aquiers	iu	Ш	щ	ŧIJ	***		Sam Clemente Siland	0.			
ý †	luncontined and perched aquiters	۵.	Ш	μ	ឃ				. n			
E: Existing b		Footmotes are	· consistent 1	are consistent for all beneficial use rables	Cast use tab	des						Ĩ
P: Potential t		. Beneñicia	luses for en	ound waters	Datisatie of	the maior ha	isins izneri an	20. Beneficial uses for mound waters putside of the maior basins faterians this safe and writing in Eig 1.45 have not have a saveit-with Tend 20 mound				
The names 3-	scription of heneficial use	Sustan Princip	i outeide ver	the musice he	sine are in	and the second	shroi fionet oo	the second state and the second state of the second state in the second state of the s		1. 		
þ		Serior com	the off mention	for downers	diment toolo	a and an and	A station of the state of the s	we consider the most owned with the approximation to the second standard with the function of the second of the	T DECEMBER FILE O	SHART PORTING	a or	
6		VITION BARIST	CCS CR WARD	1512100 202		S ₇ 380 25 SU	ZT, BERCHEZZE (	existing sources of when for an wrightenest pasies, and as such, acterized uses in the dowogradient besing shall apply to these areas.				

ad: Basins are numbered according to DWR Bulletin No. 118-10-parameter and working and a convergence and a state apper to state according to DWR Bulletin No. 118-10-parameter and according to TWR, 2005 and Section State and accordingly, have not been designated a featin state for the DWR ac oralined on Fig. 1-9. and Ground waters in the Prins Point area for New Torn Valley Basin was formerly (typer Samt (DWR, 1980). and Street Clara Rover Valley Samt was formerly was formerly (typer Samt Clara Basin (DWR, 1980). and Street Valley, and Lass Pouss Valley Basins were formerly submission of Venture Central Basin (DWR, 1980). and Nitrito pollution in the groundwater of the Samland-Tuylang were formerly submission of Venture Central Basin was formerly separated in the groundwater of the Samland-Tuylang area currarily preduder for for the typer Samt (DWR, 1980). and Nitrito pollution in the groundwater of the Samland-Tuylang were formerly submission of Venture Central Parameter (DWR, 1980). The groundwater of the Samland-Tuylang area currarity preduder for MGN uses. Since the ground water in this area can be mealed for both), in retains the MUN designation. and Nitrito pollution in the groundwater of the Samland-Tuylang area currarity preduder for NGN uses. Since these areas her received for both), in retains the MUN designation. The groundwater of the Russell Valley and is now a separate face. MUN uses. Since the ground water in the Conejo-Tiern Regian Valley, Any ground water upgaliest of these areas is subject to dowing admit there and objectives, as explained in Footnets and a factor NUN, 1980). Sc. Groundwater in the Conejo-Tiern Regian Valley (DWR, Basin No. 4-22) ground water shows for methy as and objectives, area done for the conspired on Fig. 1-9. at With the Conejo-Tiern Regian Valley (DWR Basin No. 4-22) ground waters in the some Mountains area tor conspired to comprise a major basin attra accordingly in recenting in the same with the courding of ground water in Matho Valley (DWR Basin No. 4-22)

aumber ily DWR aan: DWR has not designated basins for groundwaters on the San Pedro Channel Islands.

Table 2-3. Beneficial Uses of Coastal Waters.

			1910 00	1 1 2 2 3	コンドル		ין ענומבונ	きょう へ	1115 1011	11							
COASTAL FEATURE	WED No.	MUN	ND F	PROC	NAV P	OMCO	POWCOMM WARM	M COLD	D	T MAR	MILD	BIOL	RARE	MIGR	SPWW	SHELL	WETh
VENTURA COUNTY COASTAL																	
Nearshore ^a Officinger Zmee			ш		шр	<u>ш</u> ,	шì			ш.ı	ш I	æ	យ៉ា	ដោ	ш	ш	
Rincon Beach	180701010201				а Ц Ц	<b>小田</b> 家 家				11 u.	U II.		8	ញ ដ		i Lui u	
Q	180701010106				E.		875			E S			E.	L L			
	180701010202				ш		LU.	-	the state of the state of the		ш		1. 2.20 million				
Ventura Nama S	180701010904		È.		Ш. Ш	u S				E.	Ш					E State	NULL CONTRACTOR
Senta Clara River Estury c	180701010904			manai	ш	144			ш	ш	ш		3	ŭ	ŭ		L L
Mandalay Beach	180701010201				Ŵ					Ш	Ë.		8			E State	
McGraft Lake c	180701010201	u fallende	A NUMBER OF A		<del>775.75</del> 4	Q.			ш 	diard and an armony of the	ш	10 - 00 - 00 - 00 - 00 - 00 - 00 - 00 -	ш	olari addi a sugar	an 100 that is intered	The second s	L
Edison Canal Estuary	190701010201		E							E	Ц.		EB.	Constanting (			
Citarinel Islands Harbor	180701010204		ш		ш	ш				u u	Ш	and the first of the street of	a triftination (Cristin)	and the light of the second		ALAN AND ALAN AND A	
Mendalay Bay (Mañna)	180701010201		w		E Contraction									San State State State			A N. S. S. S. S. S.
Port Hueneme (Hentor)	160701010201	orprine.	Contert	ш	μ	ш		10.10.10.10.10.10.10.10.10.10.10.10.10.1	and the second second	LL .	EL .	and the second		and the second se	ALC: NO POINT	and the second second	
Ormonici Beach	180701010201		E		E	ш Ц							eu U	No. No. of Concession, No.	0		
Ormond Beach Weilands c	180701010202		AGELUS.		-	) écomo	an out of the second second	0.08940 700 1.09	Ш		Ľ		1				L L
Mugu Lagoon c.B. S.	180701010202				Ē	Ш () () () () () () () () () () () () ()			E C	E E	EP	u U	H au	10		24 C	
Estuary c	180701010202				с.	ш	-"arithe "A. 1665/01.842	- And the South of	ц		L			1 b	i ŭ	3	
														1			
		South States of	A POST AND	200024340 KK	10 10 10 10 10 10 10 10 10 10 10 10 10 1	A SEA DE GAN	South Marine	and a function	CONTRACTOR OF		ALC: NO DECIDENT		and the second secon			12 - C	
LOS ANGELES COUNT & COASTAL						*** 											
			ш		w	ш				ш	u.	E%1	ů	Ŀ,	ā	L L L	2001-00-00-00-00-00-00-00-00-00-00-00-00-
Offshore Zone			È,		E Contraction of the second se		10000000000000000000000000000000000000			E E			1		1		「「「「「「」」」」
		-	And and a state of the	1-Control Control Sec	and another and			and second second	And Statistical Statistical	at the second	e de jage de la compañía.				l.		
Nicholas Canyon Beach	180701040402				E.					E					Q	L.	
Trancas Beach	180701040403				ш	ш			and and	u	u	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Constraint of the second s	Southern Production	4	l u	
Zuma County (Westward) Beach	180701040400									E			South Land	Carlington activity	Star Ash		
Dume State Beach	180701040404			14770	ш				Proceedings of the second	u	<b>b</b>				A	<u></u> u	
DumeLagoon c	180701040403				E												
Escondido Beach	18070104040404		No and a second		<u>і</u> [ш	נ <b>ווו</b> גער גער	9700 A			<u>្ត</u>	Fα		and the second second		Ġ		
Dan Blocker Memoral (Corral) Beach	180701040404				E											u u	ALC: NOT
e o service de la contra service service de la contraction de la	and a second		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1						1000 C					ada local - All			
*: This list may not be all inclusive. More areas may be added as inform		azti (ga		boence	sare co	asistent (	Footnotes are consistent for all beneficial use tables.	effeãal us	ie tables.								]
becomes available.				C Water	bodies a	are listed	muitipie	times if I	bey cross	polosbyh i	<ol> <li>Waterbodies are listed multiple times if they cross hydrologic area or subarra houndaries.</li> </ol>	ubarca bo	mdaries. E	Beneficial use designations apply to all	use designa	tions acot	v to all
• • • •			<b>1</b>	ributark	s to the	indicated	tributaries to the indicated waterbody, if not listed separately	žy, if noi	insted se	parately.					•		
E. Existing beacticial acc	÷			k Water	bodies d	esignate	d as WET	may han	re wetlan	des habitat	b: Waterbodies designated as WET may have wetlands habilitat associated with only a portion of the waterbody. Any regulatory action	with only	a. portána o	if the water	rbody, Azy	regulatory	raction

5

.

P. Putentiat beneficial use

Intermittent beneficial use

E.P. and I. shall be protected as required.

A: Nearshore is defined as the zone bounded by the shoreline and a line 1000 feet from the shoreline or the 30-foot depth contours, whichever is further from the shoreline. Longshore extent is from Rinom Creek to the San Gabriel River Estuary.

isied with only a portion of the waterbody. Any regulatory action D: Water occars upsignated as W.E.I. may have would action would require a detailed analysis of the area.

c: Coastal waterbodics which are also listed in inland Surface Waters Tables (2-1) or in Wetlands Table (2-4), d: Limited public access procludes full utilization.

e. One or more rare species utilizes all occan, bays, extuaries, and coastal wetlands for foraging and/or nesting. E. Aquatic organisms utilizes all bays, extuaries, lagoons, and coastal wetlands, to a certain extent, for spewming and carly development. This may include migration into areas which are heavily influenced by freshwater inputs. Marine Habitasis of the Channel islands and Mugu Lagoon serve as pirmiped haul-out areas for one or more species (e. sea lions) p. Habitat of the Chapter Rail. In Heavier of Special Biological Significance (along coast from Latigo Point to Laguna Puñt) and Big Sycamore Canyon and Abalone

Cove Ecological Reserves and Point Fermin Marine Life Refuge. ar: Areas exhibiting targe shellifish populations include Malibu, Point Dume, Point Fermin, White Point and Zuma Beach.

Table 2-3. Beneficial Uses of Coastal Features (Continued).

		1	2 🗋	1		2 1 441 472											
COASTAL FEATURE	WBD No.	MUM	NO P	PROC	NAV PO	MCOM	POWCORM WARM		EST	MAR	GIM	BOL	RARE	MGR	NWIds	SHILL	WETD
LOS ANGELES COUNTY COASTAL (CONT)																	
Puerco Beach	180701040404		*****	i	u	ш				ш	μ				a	ш	
Amanito Beach	180701040404				w	Ш Ш				ш	Ш				đ	E	
Waltur Beacts 1949-94 Automatication and the content standing of the content of t	18070104040404	Provide during the second	15150			ш				Ш	ш	Connect	2 Charles Charles	មេ	E33	ជ្រ	and the sound states of
Malibu Lagoon c	180701040404				u				ш	μÌ	μ		ß	Ш Ш	Ϊ		E
Carbon Bearin 2. 2	180701040502	and the second second	5150 M (1000)	d'Antionenter Maria A	E.	ш	144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144 - 144			w	ш				D	ш	and the second se
La Costa Beach	180701040502				u N	۱ů N				ш	Ψ				р.	ш	
Las Flores Beach	180701040502	and the second s			u,	ω ·····				ш	ιμ				<b>Ċ.</b>	Ш	and an and a second
Las Tunas Beach	180701040502					ш				ш	ш				0.	j L	
Topanga Beach	180701040502	and the second se	<b>15 arm</b>		ណ	ឃ				Ш	ш			and the second se	a.	Ē	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Topenga Lagoon c	180701040501				Ш Ш	m			ш		LL)		出	世	百		Ē
Will Rogers State Beach	180701040502	The second se		and the second second second	14	ш				ш	ພ				٥.	щ	and Aligney / - Annual Jose
Sents Montes Beach	180701040502				ŵ	<del>س</del>				Ŧ	ш			ш	Eas	Ш.	
Vervice Beach	180701040502		dis-land		ណ	٤U ۳				ш	ш		ш	ш	Eas	ш	an a
Maina Del Rey																	
Harbor	180701040502		N. 40838		w	[1]				ш	ш	- MCCORD AD		C. Second and the second second second	and the second se	щ	
Public Beach Areas	180701040502				 ш	ш				Ψ	Ш.		Ē.				
All other Areas.	180701040502		c***556		 W	ш				ш	w	and the second se	ш	S CONTRACT OF CONTRACT		E C	in of Law Tell Parameters
Entrance Ottamed	180701040502				 Ш	ш				щ	ш.		E E			IJ	
Balkina Creek Estuary c. w.	180701040200	And and a second se	1.541.54	411 10 10 10 10 10 10 10 10 10 10 10 10 1		ш			ш	ш	ш		ដ	ŭ	Ef .	ш	
Bellona Lagoon/Venice Canals c	180701040502				u u	ш			μ	w	w		Ľ	EF	ц Ц	Ш	E
	\$80703040200		01916	and the second days and the		655146			щ		щ		ង	Ü	Ш		ш
Del Rey Laccon c	180701040501				<u>í</u>	ų,			ш		÷W		ц Ц	Ē	日		Ш Ш
Doctorie: Beach	180701040501		ເມ		เม	ш				ш	ш				<b>D</b> .		A life grant in a state of the
Mainhattan Beach	180701040601				u.	<u>.</u>				Ű	Ű				đ	Ш.	
HARDOS BOOK	180701040601	and a state of the	eridesudidi	and the second sec	ш	ш				ш	IJ			157965V7	E B B B B B B B B B B B B B B B B B B B	щ	All market for the second second
King-Harbos	180701040601		ш		u.	Ш				IJ	ш		ĥ				
Redundo Beach	180701040601		 Ш		ш	ш				щ	ŵ		ш	ш	SS SS	u	
Torrance Beach	180701040601				<u>.</u> ພ	ш				щ	Ψ			ш	Es:	E C	
Port Mcente Beach	180701040601	And a state of the	*****		ui	ш				ш	w					u	
Royal Palms, Beach	180701040501				ш	ш. 				w	ш				¢.	E.	
*: This list may not be all inclusive. More areas may be added as inform	be addeti as inform	ation	-   ¹⁴	otnotes	are con	istent for	- all henel	ficial use	a her				*	~			
becomes available.			64	Watert	nodies ar	e listed a	aultiple ti	mes if the	y cross h	ydnologic	area or sai	a: Waterbodies are insted multiple times if they cross hydrologic area or subarea boundaries.	daries. Bu	eneficial u	Beneficial use designations apply to all	(lans app)	/ to all

E: Existing beneficial use P: Potential heneficial use

E intermittent beneficial use E.P., and F. shall be protected as required.

• variatories designated as varianty, unsu oury cuess area or source our anotation to construct use useguatories approved and the index of the state separately.
• Waterbodies designated as WET may have wellands indicated with only a portion of the waterbody. Any regulatory action action would require a detailed analysis of the area.
• Constati waterbodies which are also listed in inland Surface Waters Tables (2-1) or in Wetlands for foregoing and can would require a detailed analysis of the area.
• Constati waterbodies which are also listed in inland Surface Waters Tables (2-1) or in Wetlands for foregoing and can be action would require a postion units and sources, and coastal wetlands for foregoing and can't for agamning and can't for Aquatic organisms unline all brys, estimates, and coastal wetlands for foregoing and for nearly development. This may include migration into areas which are heavily frammer, boint Comit, to a gamming and early development. This may include migration into areas which are heavily frammary. White Point and Surface the search for a set sources under the state inputs.
• Analter cogniting and early development. This may include migration into areas which are heavily frammary. Point Endited and Surface the search for a set which are heavily influenced by freshwater inputs.
• Analter cogniting and early development. This may include migration into areas which are heavily influenced by freshwater inputs.
• • Areas exhibiting and early wellow. Point Durne, Point Fermin, White Point and Zuma Beach as: Most frequently used gruinen spatiens. Other beaches may be used as well.
• • These areas are engineered channels. All references to Tidal Primes in Regional Board documents are functionally equivalent to beaches.

estuaries.

Table 2-3. Beneficial Uses of Coastal Features (Continued).

	2					11 000											
COASTAL FEATURE"	WBD No.	MUM	d ON	PROC	NAV PC	W/COM	POWCOUN WARM	COLD	EST	MAR	MLD	10 10	RARE	Res CR	NMdS	SHEEL	WETD
LUS MARCELES LUCUN I LUCUS IN (COIN)						<u>.</u>											
Whites Point County Beach	180701040601	が見たるのでいた									L. C.		1000		۵	u	
	180701040302	e Brenatri So Side.	and and and the second	- Shink hall \$7	<u>.</u>	ш	S. V. DARCH SPACE	and the second second second	2002 AN 10-1	i u	( u			u		l u	
Fos Anneles – I man Reach Hartwr	18171040600	SALANA SA			<u>)</u> 1			STATISTICS IN	Contraction of	L COLOR			1000 1000 1000 1000	u U	9	L Service	
State House and the second	(5)	W. line W. C. Han	A Second Los	and the second	in the second se	N L		A STATE OF	State of the second		E WELLING		1				
	. 3	S. S. Martin Statistical Statistical Science		State Contraction	u a		1.000000000000000000000000000000000000	1185571235413118-	100.0000000000000000000000000000000000	11.000 Land	series simientes	Contraction of the states of the second	TI - Martin	ACCURATION OF A DESCRIPTION	Montheast Contraction and	a.	S#55254
Server	1	Contractor Sector	<u>ц</u>	100		ш 				ŵ			ώ			Q.	
Putitic Beach Areas	1.1			******	ш	ш	-57-5516	-		w	ω	area a	ш		<b>A</b>	u	
All Other Inter Areas	180701040602		ш		<u>й</u>	ш				Ш			Ę			d a	
Dominguez Channel Estuary c.w	180701040302	To Arts and and a submark to Art	trin Common states, co		a.	11 1	1000000 1000000 100000 10000000	Machanine St	u	u	Ξ	Statutes Manager	a Li	ŭ	ŭ		
tos Angeles River Estreaviow	180701040404		L.			L.			ň	L L	1.11		3 6	j L	נייני		No.
	COUCHE CLOST	20320.028003	<u></u>	TT WAR					の読む目気				5		1		ų
Hudding Day	CUDUPUTUTUTI	Contraction and the second	n M	South States and States	ц Ц	u			Ш		ш	654554	ш			la.i	w
Los Centos Wetlands c	×180701040600				ш Ш	ш С			ш		ш		Ш	łd.	Ł	ŭ	ĩ
Los Cerritos Charmel Estuary c	180701040606		w	000003340	ш	w		15115256	ŵ	ш	ш	A Simot	ഷ	Ш	ti	<u> </u>	Rear in 1944
San Gabrel Estuary c, w	180701040506		Ú		LU LU	U A			Ц	L)	Ш		d1	÷1		0	Contraction of the second
Anna Rassin Mathia	ADRAMA ANDRAM		Sector Manufactor	1999 1997 1997 1997		1000 January 1000		and the second of the second	-History and Carl	Lange Lange	States and the second second			and the second second			
		Contraction and the second	Chelling Pres	ANNE SUCCESSION	Servinger: Ster		and a constant of the second of	Extransity: event	0/12/0/14/0/15	ansi-" come	and the second se	Christific Street, Standard	ninitian and a second	clinet from the state	- Colombia - Distribution - Distribution	Nambor - Performance - Inco	
Humo Beach Areas	160701040600				E C	<b>u)</b>	-			ມູ			ш		٥.		
All other Areas	180701040600		,	*****		ш		416106	ווספרו	m	Contraction of the second	Contraction of the second	il.	Carlos Menter & alternatives		2 	STRAIN CLUB & COL
Manie Stadium	180701040600					Ű				E H			i u		Contraction of the second	<u> </u>	
r an a frant a. A management and an	180701040800	Contraction of the second second	Vin Street and the		L.	in LL	0.8.0000000000000000000000000000000000		011/25/00/00	μ	μ	Number of the		u		<u> </u>	S. Walt Charles
NOT NATION TO STATE AND A STATE OF		Statistics 18	and the second					a have have a set of	The second second	anne means	- Harden I.	State of the Association		Contraction of the		u unitation of the second s	and the second second
OLTADO NEW ODONE TO TO				<b>644001</b> 1.004													
Miacapa Island	180600140203				ц.				(0) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Ē	Eo	Eat	, L		Ó.		ない人とない
San Moolas Istand	180701070001	*****		vátuði	ш	w		and the second second		ω	ഷ		E H	NUCLAURING WEIGHT	<b>A</b>	u	and the same
Begg Rock Nearshore Zone	180701070001					ų				Ē	E	ttd.	L.		p d		
Santa Barbara Island	180701070003	and the second se		-	្រ ម	ш	and the second second	1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 -	ans coursed	ľΨ	£		L LL		۵.	i u	10 million
Santa Catalina Istand	180701070003				1	ŭ			S MARK	4	CT State	the second s	L L				
son and a source of the february states and the second second second second second second second second second	180701070005	and the local data in the loca	0.1500000000000000000000000000000000000	10 (10 (10 (10 (10 (10 (10 (10 (10 (10 (	្រុ	l u		Sald meter de la cale de la		1			L	and the second	C		
		Contraction and the second		and the state	i i i i i i i i i i i i i i i i i i i		Street and the second	New Address of Press and	and the second	antrie:	n and a second	N TO THE REAL OF T	Line Constant	Survey Induced	1.	11 11	and an and an an and the second se
ban clenene slam	380/010/004				200 14	Ш С				w	ß	Ð	ш		а:	ш	
			idanas:			retur				*****	U. are	_			*****		•
*. This list may not be all inclusive. More areas may be added as inform	be added as inform	ation		outnote	s are con	Footnotes are consistent for	at benef	beneficial use tables.	tables.								
becomes eveilable.			**	Water	bodies an	e listed n	raitipie tu	nes ∉ the	y cross h	Arologic:	at. Waterbooks are listed mathink times if they cross hydrologic area or subarea boundaries.	carea boan	idaries. B	seneficial 1	Beneficial use designations apply to all	teons appl	v to all
-			÷	Tibutarie	s to the i	ndicated ¹	tributaries to the indicated waterbody, if not listed separately	, if not liv	sted sepa	ateły.					¢		
E. Existing heachers use				C Water	socies de	signated	as WET n	nay have	wetlands	hebhat as	sociated w	ith only a	portion of	f the water	b: Waterbodies designated as WET may have wetlands habitat associated with only a portion of the waterbody. Any regulatory action	regulator	/ action
P. Potential heneficial use			•••	CLÉDEI VAC	upar blur	ire a deta	action would require a detailed analysis of the area	sis of the	area.			•			)	1	
5. Zrijarresititers hvarresis siel seen				- Dutche	1 water	in the second	ala see de	and how and have	S Principality	all marter	all a the second	11.11		- 12-2	14.		

E Internitient beneficial use

*Asterisked MUN designations are designated under SB 88-63 and RB-03. Some E.P. and I; shall be protected as required.

designations may be considered for exemptions at a later date (See pages 2-3 and 2-4for more details)

A: Nearshore is defined as the zone bounded by the shoreline and a line 1000 feet from the shoreline or the 30-foot depth contours, which ever is further from the shoreline.

as: Most frequently used grunion spawning beaches. Other beaches may be used as well. at: Areas of Special Biological Significance or ecological reserves. estuaries.

c: Constal waterholdies which are also listed in inland Surface Waters Tables (2-1) or in Werfands Table (2-4), e. One or more rare species utilizes all ocean, bays, estuaries, and coastal wetfands for forging and/or mesting. E. Aquatic organisms utilize all bays, estuaries, lagoons, and coastal wetfands, for a certain extent, for spawning and early development. This may include migration into areas which are ineavily influenced by freshwater inputs. or Marine Habitats of the Channel islands and Mugn Lagoon serve as pinniped latul-out areas for one or more species (i.e., sea lions). W. These areas are engineered channels. All references to Tudal Prisms in Regional Board documents are functionally couvalent to

Table 2.4. Beneficial Uses of Significant Coastal Wetlands.*

Los Angeles Regional Water Quality Control Board PPOC ace Cirk Firsh INW POW COMM ACOL BOARD PPOC ace Cirk Firsh INW POW COMM ACOL MARK COLD SAL EST INF INTE BIOL RARE E E E E E E E E E E E E E E E E E E E	Los Angeles Regional Water Ouality Control Board	OR SPWN SHELL WEL				E	ա ս ե. մ		យ ពីរ ដ	<u>م</u> ر	u.		an an an Augusta an an an Augusta Augusta Managaran an Augusta Augusta Augusta Augusta Augusta Augusta Augusta A
Los Angeles Regional Water Quality Control Board	Los Angeles Regional Water Ouality Control Board       webb.no     Nation (no) (control acceleration of the control acceleration of the co	IMLD BOL	E E	<u>เ</u>		E E	ي ب ب ب ب		ເຊັ ນ ມີ ມີ	3	e U		
		i Salest		ш			ш. Ц.	iш	LU LL		121		neficial nea tablee
<u><u> </u></u>	<u><u> </u></u>	eles Regional Water Quali and Jersh Nav Four Lound			a		ľ					22 [22 ] 22 <del>[</del> 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	monther are non-sistent for all fun
	Andraw Andraw Andraw Andraw Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew	and no bee	100 State 1 State 1 State 1	901		202 202 202 202 202 202 202 202 202 202	103 103 103 103 103 103 103 103 103 103		200 - E. S.				4 inn

E: Existing beneficial use P: Potential beneficial use E: Antermittent beneficial use E, P, and E: stall be protexted as required

larics. Beneilotal use designations apply to an COL ZECTECTE COM राष्ट्रिय कारत tributaries to the indicated waterbody, if not fisted separately.

b. Waterbodies designated as WET may have wetlands habitat associated with only a portion of the waterbody. Any regulatory action would require a detailed analysis of the area

c: Coastal waterbodies which are also listed in inland Surface Waters Tables (2-1) or in Wetlands Table (2-4), d. Limited public access precludes full utilization.

e. One of shore rare species utstizes all ocean, bays, estuaries, and coastal wetlands for foraging and/or nexting,

a. Marine Habitats of the Channel islands and Mugn Lagoon serve as puniped haul-out areas for one or more species (c. sea lions) p. Habitat of the Clapper Rail. f. Aquatic organisms utilize all bays, esturaries, lagoons, and coastal wetlands, to a certain extent, for spawming and early development. This may include migration into areas which are heavily influenced by freshwater inputs.

i	1f	
•		
• •		
1	DADON D. OFF (SDN 100010)	
1	BYRON P. GEE (SBN 190919) bgce@nossaman.com	
2	JILL JAFFE (SBN 286625)	
3	jjaffe@nossaman.com NOSSAMAN LLP	
4	777 South Figueroa Street, 34 th Floor	
5	Los Angeles, California 90017 Telephone: (213) 612-7800	
6	Facsimile: (213) 612-7801	
	Attorneys for Petitioner	
7	BlackRock Realty Advisors, Inc.	
8		
9	BEFORE THE	CALIFORNIA
10	STATE WATER RESOUR	
11		
12	In the Matter of the Petition of:	
13	BLACKROCK REALTY ADVISORS, INC.	DECLARATION OF ROBERT Q. GUTZLER IN SUPPORT OF PETITION
14	FOR REVIEW OF THE CALIFORNIA REGIONAL WATER QUALITY CONTROL	GUIZLER IN SUPPORT OF PETITION FOR REVIEW
15	BOARD, LOS ANGELES REGION'S	
16	FAILURE TO ACT ON PETITIONER'S REQUEST FOR SITE CLOSURE	
17	ματά δε στο το το ποστατορισμό. Το ποστατορισμό το 7,200 το ποστατορισμό μετατορισμό το προστορισμό το ποστορι Το ποστ Το ποστατορισμό το ποστατορισμό το ποστατορισμό το 7,200 το ποστατορισμό μετατορισμό το προστορισμό το ποστατορ Το ποστατορισμό το ποστατορισμό το ποστατορισμό το 7,200 το ποστατορισμό μετατορισμό το προστορισμό το ποστατορ Το ποστατορισμό το ποστατορισμό το ποστατορισμό το 7,200 το ποστατορισμό το ποστατορισμό το ποστατορισμό το ποστ Το ποστατορισμό το ποστ Το ποστατορισμό το ποστατορισμό το ποστατορισμό το ποστατορισμό το ποστατορισμό το ποστατορισμό το ποστατορισμό Το ποστατορισμό το ποστατορισμό το ποστατορισμό το ποστατορισμό το ποστατορισμό το ποστατορισμό το ποστατορισμό	
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
20		
	Declaration of Robert Q. Gutzler Rev 2 SF IMAN 287040 Ldoc	

ł

1

I, Robert Q. Gutzler, declare as follows:

2 1. I am a Senior Project Professional for SCS Engineers. I am a Professional 3 Geologist and hold a law degree from the University of San Diego, School of Law. I have extensive experience preparing environmental assessments and conducting construction 4 5 remediation activities, including exploratory excavations, and soil sampling plans for soil, soil vapor, and groundwater contamination. In connection with these activities, I also often analyze 6 data to delineate the extent of contamination on affected properties. I have personal knowledge 7 8 of the matters set forth herein and, if called upon to do so, I could and would competently testify 9 as to them.

SCS Engineers provides environmental consulting services to BlackRock Realty
 Advisors, Inc. ("BlackRock") regarding the PortLA site at 300 Westmont Drive, San Pedro,
 California (Site ID 2040069) (the "Site"). In this capacity, SCS Engineers prepared the
 Technical Report in Support of Request for Closure, which is <u>Exhibit 2</u> to the Petition.

14 3. Phillips 66 owns the property located on the northern border of the Site. Because the groundwater beneath the Site flows to the East-Northeast, the groundwater located below the 15 Phillips 66 property is down-gradient and cross-gradient to the groundwater beneath the Site. I 16 reviewed public domain reports containing lab data of samples taken from groundwater 17 monitoring wells that are located on the southern portion of the property owned by Phillips 66. 18 According to the lab data, Phillips 66 has not detected any contamination that is linked to the free 19 product or dissolved plumes beneath the Site. Because there is no evidence that the plume has 20 21 spread beyond the Site, additional monitoring wells on the northern portion of the Site are 22 unnecessary.

4. I reviewed the agenda for the May 15, 2014 meeting between representatives of
the Regional Board, the State Board, and BlackRock, which is <u>Exhibit 3</u>. The contamination in
groundwater monitoring well MW-24 that was recorded in May 2012, December 2012, and June
2013, referenced in the agenda, does not match the free product that is found at the Site. This
contamination likely occurred because that well was damaged. SCS Engineers has recommended
that well MW-24 be destroyed because it may be acting as a conduit for contamination. Because

1

<ul> <li>the contamination in well MW-24 is not consistent with that found at the Site damage to well MW-24, these contamination detections are not evidence that plume is unstable or expanding. Similarly, it is unlikely that the dissolved did hydrocarbon detections at well MW-20D since June 2013, referenced in the a free product that still exists at the Site. Well MW-20D is located upgradient i meaning that if the plume were to spread, it would move away from well MW I declare under penalty of perjury under the laws of the State of Califor foregoing is true and correct.</li> <li>Executed on this 12th day of June, 2014 at San Diego, California.</li> </ul>	
<ul> <li>damage to well MW-24, these contamination detections are not evidence that</li> <li>plume is unstable or expanding. Similarly, it is unlikely that the dissolved did</li> <li>hydrocarbon detections at well MW-20D since June 2013, referenced in the a</li> <li>free product that still exists at the Site. Well MW-20D is located upgradient if</li> <li>meaning that if the plume were to spread, it would move away from well MW</li> <li>I declare under penalty of perjury under the laws of the State of Califor</li> <li>foregoing is true and correct.</li> <li>Executed on this 12th day of June, 2014 at San Diego, California.</li> </ul>	
<ul> <li>plume is unstable or expanding. Similarly, it is unlikely that the dissolved did</li> <li>hydrocarbon detections at well MW-20D since June 2013, referenced in the a</li> <li>free product that still exists at the Site. Well MW-20D is located upgradient i</li> <li>meaning that if the plume were to spread, it would move away from well MW</li> <li>I declare under penalty of perjury under the laws of the State of Califor</li> <li>foregoing is true and correct.</li> <li>Executed on this 12th day of June, 2014 at San Diego, California.</li> </ul>	internet in the second s
<ul> <li>4 hydrocarbon detections at well MW-20D since June 2013, referenced in the a</li> <li>5 free product that still exists at the Site. Well MW-20D is located upgradient in</li> <li>6 meaning that if the plume were to spread, it would move away from well MW</li> <li>7 I declare under penalty of perjury under the laws of the State of Califor</li> <li>8 foregoing is true and correct.</li> <li>9 Executed on this 12th day of June, 2014 at San Diego, California.</li> <li>10</li> <li>11</li> <li>12</li> </ul>	the groundwater
<ul> <li>free product that still exists at the Site. Well MW-20D is located upgradient in meaning that if the plume were to spread, it would move away from well MW I declare under penalty of perjury under the laws of the State of California foregoing is true and correct.</li> <li>Executed on this 12th day of June, 2014 at San Diego, California.</li> <li>In the plume were to spread it would move away from well MW I declare under penalty of perjury under the laws of the State of California.</li> <li>In the plume were to spread it would move away from well MW I declare under penalty of perjury under the laws of the State of California.</li> <li>Executed on this 12th day of June, 2014 at San Diego, California.</li> <li>In the plume were to spread it would move away from well MW I declare under penalty of June, 2014 at San Diego, California.</li> <li>In the plume were to spread it would be plume.</li> <li>In the plume were to spread it would be plu</li></ul>	esel range petroleun
<ul> <li>6 meaning that if the plume were to spread, it would move away from well MW</li> <li>7 I declare under penalty of perjury under the laws of the State of Califor</li> <li>8 foregoing is true and correct.</li> <li>9 Executed on this 12th day of June, 2014 at San Diego, California.</li> <li>10</li> <li>11</li> <li>12</li> </ul>	igenda, are from the
<ul> <li>7 I declare under penalty of perjury under the laws of the State of Califor</li> <li>8 foregoing is true and correct.</li> <li>9 Executed on this 12th day of June, 2014 at San Diego, California.</li> <li>10</li> <li>11</li> <li>12</li> </ul>	from the plume,
<ul> <li>foregoing is true and correct.</li> <li>Executed on this 12th day of June, 2014 at San Diego, California.</li> <li>10</li> <li>11</li> <li>12</li> </ul>	V-20D.
<ul> <li>9 Executed on this 12th day of June, 2014 at San Diego, California.</li> <li>10</li> <li>11</li> <li>12</li> <li>Robert Q. Gutzle</li> </ul>	ornia that the
10 11 12 Robert Q. Gutzle	
11 12 Robert Q. Gutzle	
12 Robert Q. Gutzle	
13	er
14	
15	
16	
17	-
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
Declaration of Robert Q. Gutzler	· · · · · · · · · · · · · · · · · · ·

1	BYRON P. GEE (SBN 190919)	
2	bgee@nossaman.com JILL JAFFE (SBN 286625)	
3	jiaffe@nossaman.com NOSSAMAN LLP	· · · · · · · · · · · · · · · · · · ·
4	777 South Figueroa Street, 34 th Floor Los Angeles, California 90017	
5	Telephone: (213) 612-7800 Facsimile: (213) 612-7801	
6	Attorneys for Petitioner	
7	BlackRock Realty Advisors, Inc.	
8		
9	BEFORE THE CA	LIFORNIA
10	STATE WATER RESOURCE	S CONTROL BOARD
11 12	In the Matter of the Petition of:	
12	n	ECLARATION OF DANIEL E.
13	FOR REVIEW OF THE CALIFORNIA	OHNSON IN SUPPORT OF PETITION OR REVIEW
15	BOARD, LOS ANGELES REGION'S	
16	FAILURE TO ACT ON PETITIONER'S REQUEST FOR SITE CLOSURE	
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
	Declaration of Daniel E. Johnson SF_IMAN_286835_1 (6)	วสาวระชาติเป็น และมีปการวิธีการที่ 10 ซี ปการว่า การการการการการการที่ 1600 (กระการกรรณ และ การวัตรการการการการ -

1

I, Daniel E. Johnson, declare as follows:

2 1 I am the Vice President, Southwest Environmental Services Director, for SCS Engineers. I have managed or been involved with well over 1,000 site assessments and over 100 3 site closures. Projects have ranged from construction/remediation projects to site assessments, 4 5 including subsurface investigations of chemicals in the vadose and groundwater zones and remediation efforts using bioremediation and vapor extraction technologies. I have also worked 6 7 on a diverse array of projects relating to regulatory compliance, and water quality and supply, including with the State Water Resources Control Board and the Regional Water Quality Control 8 Board for the Los Angeles Region. I have personal knowledge of the matters set forth herein 9 10 and, if called upon to do so, I could and would competently testify as to them.

SCS Engineers provides environmental consulting services to BlackRock Realty
 Advisors, Inc. ("BlackRock") regarding the PortLA site at 300 Westmont Drive, San Pedro,
 California (Site ID 2040069) (the "Site"). In this capacity, SCS Engineers prepared the
 Technical Report in Support of Request for Closure, which is <u>Exhibit 2</u> to the Petition.

The Site is located above the West Coast Groundwater Basin ("basin"), which is 15 3. an adjudicated water basin managed by a watermaster - the California Department of Water 16 Resources. The Water Replenishment District ("WRD") maintains and manages the groundwater 17 to ensure that a reliable supply is available through its water projects and water supply programs. 18 I spoke with Mr. Ted Johnson at WRD about the beneficial uses, if any, that are anticipated for 19 the shallow groundwater below the Site on or about June 10, 2014. He reiterated what has been 20 21relayed to SCS staff previously, told me that because the groundwater below the Site is located seaward of the Dominguez Gap Barrier Project, the shallow groundwater in the portion of the 22 23 basin beneath the Site is of poor quality and beneficial uses are not probable. While in theory it is possible the groundwater could be used, it would require extensive treatment to address high 24 dissolved solids or salt content and is therefore unlikely. Moreover, I understand that WRD does 25 not anticipate that this water will be slated for any beneficial use in the future. Mr. Ted Johnson 26 encouraged me to contact the Watermaster for Basin, the Department of Water Resources, to 27further understand the potential uses of groundwater at the Site and in the vicinity. 28

1

	4. Mr. Bob Pierotti, Deputy Watermaster, was contacted by me on June 11, 2014, to
	discuss possible beneficial uses of groundwater at the Site and in the Site vicinity. Mr. Pierotti
	indicated that the groundwater basin is adjudicated and water use rights have previously been
-	
	and a set of the second s
	and the second the second basis, which comprises the blee, they would
	Build and Broand and Broand and the second and Broand and Br
{	a second of problem of the state of the state of the state of the state of the state.
č g	i a sub the sub have such a right, it would have to be obtained through
10	i and the second second summery given the poor water quality that would be the result.
11	a set of participation of the name of the blace of Camorina that the
11	
14	
	1 I I MAT
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
	Declaration of Daniel E. Johnson
	SF IMAN 286835 1 (6) 2