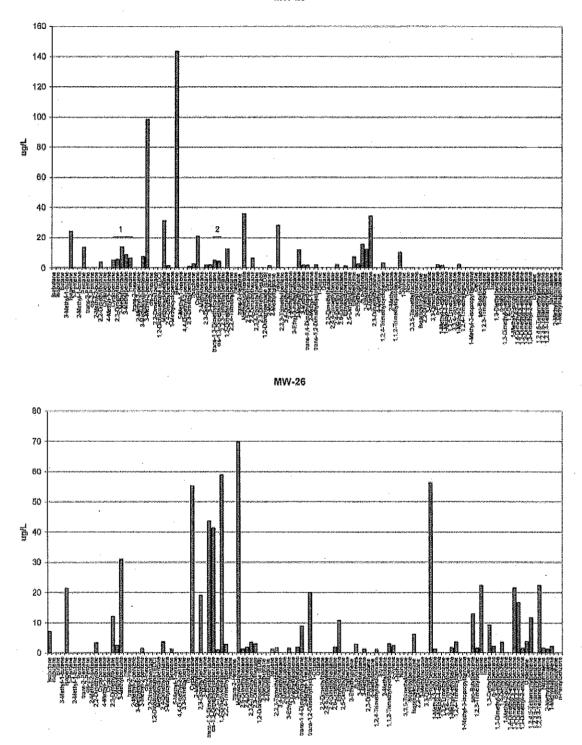




Page 7

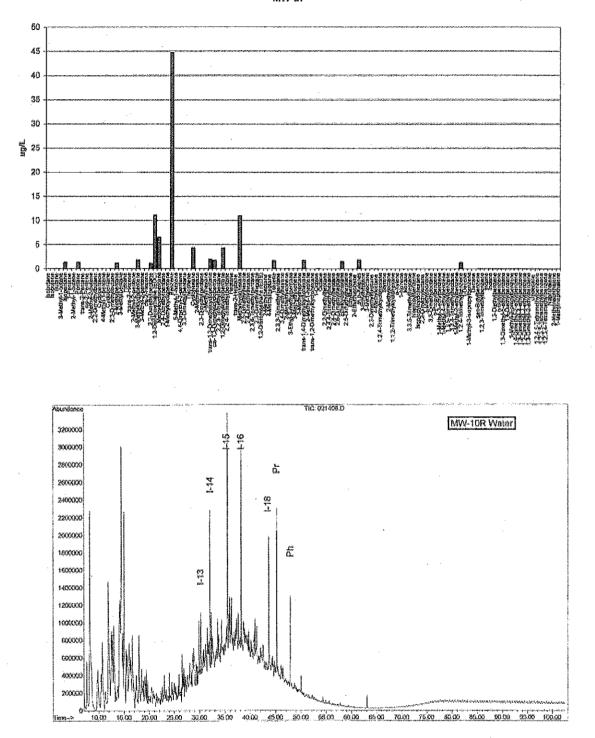
MW-10R



Port D.C.

Page 8

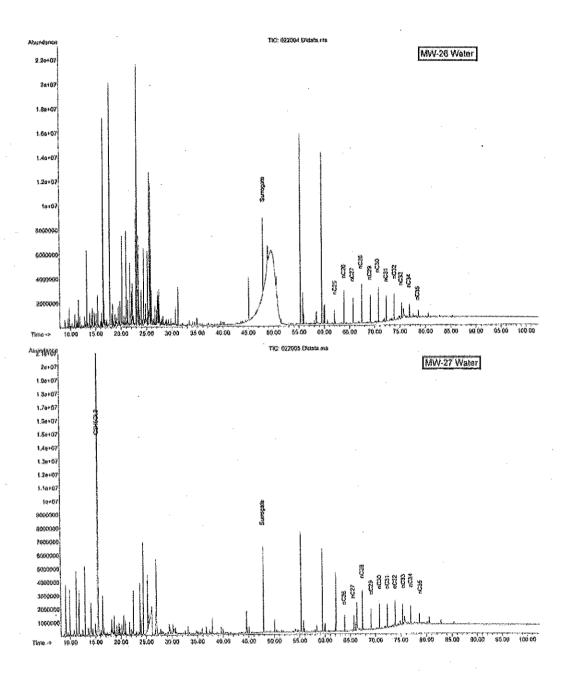
MW-29



Port D.C.

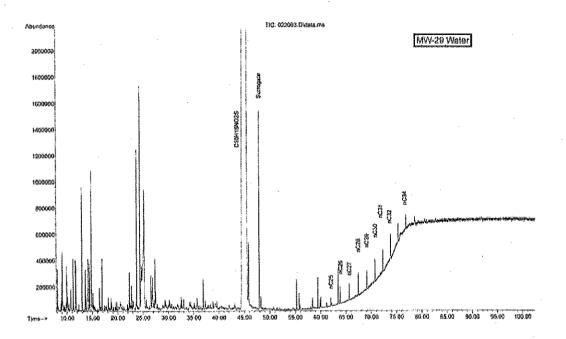
Page 9

MW-27



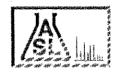
Port D.C.

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 |            |        |

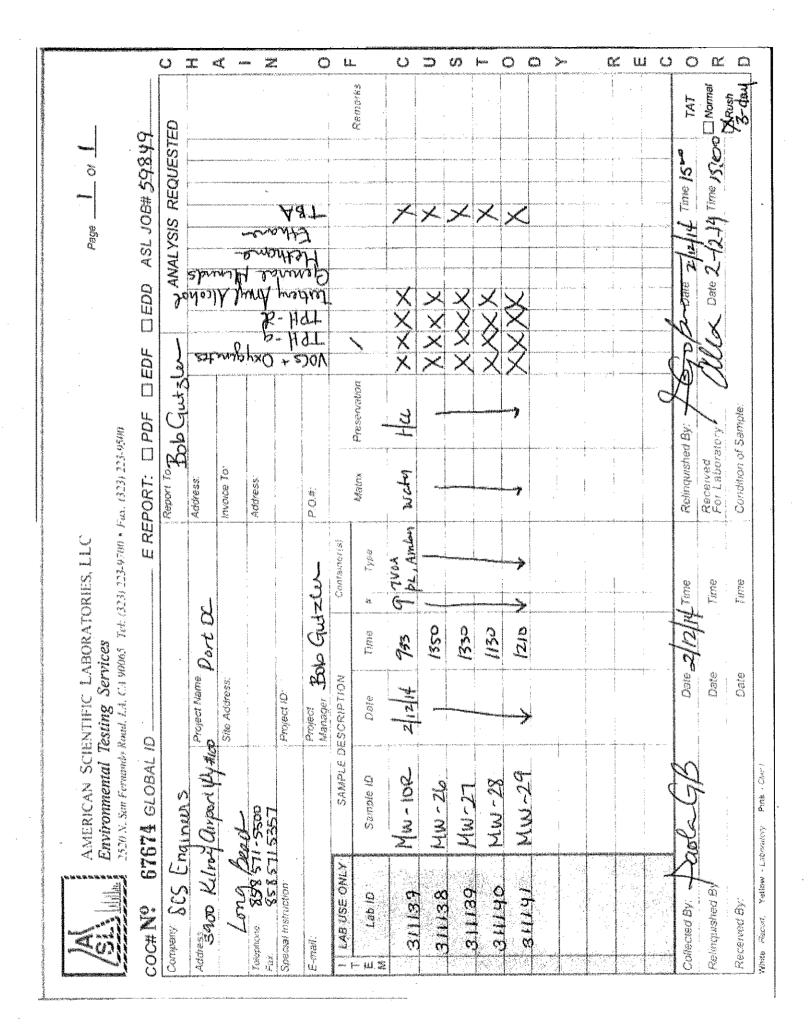
Project ID: Project Name: Port DC

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 | <ul> <li>Control (Control Control on the Control of Control of</li></ul> |   |
|----------|-------|--------|-----|---------|---------|--|-------------|---|--|---|
| 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<br>02/12/201<br>02/14/2014<br>02/14/2014<br>Water<br>ug/L<br>1<br>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 | <br>  |  |
| 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 |       |        |     | <br> |  |   |      |   |
|--|-------|--------|-----|------|--|---|------|---|
|  | MS    | MS DUP | RPD |      |  |   | <br> | l |
| Analytes   | % REC | % REC  | %   |      |  |   |      |   |
| Benzene  | 96    | 94     | 2.1 |      |  |   |      |   |
| Toluene  | 91    | 95     | 4.3 |      |  | 1 | <br> |   |



## 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 | <br> | <br> | <br> |  |
|----------|-------|--------|-----|------|------|------|--|
| 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         | <br>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:

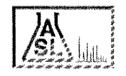
Port DC

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<br>MW-26<br>02/12/2014<br>02/14/2014  | 311140<br>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 <b>0010</b> 010010000000000000000000000000   | tillenneninismensen  |
| 1,00   | ND   | ND   |  |  |  |
| 1.00   | ND   | ND   |  |  |  |
| 1,00   | 44.2   | ND   |  |  | *******  |
| 1.00   | D<br>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<br>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<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>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

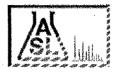
| where the second s |              | elitera sadurazo de saca seditidas de secondos de súcerios | description and a concerning of the subscription of the | a sensitives i development and a sense a sense a sense a sense of the | Andreada Los and BLIFLER LEADER LEADER DOLLAR |  |
|--|--------------|--|---|---|---|--|
| 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  | , <del>,</del> , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,                      |   |  |
| 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  | <b>5.</b> 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      | ···, ··· <b>···</b> , ···,  | · ····································  |   | ************************************** |   |
| 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

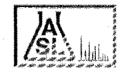
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

#### 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<br>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

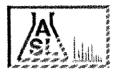
#### ANALYTICAL RESULTS

| 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<br>MW-10R<br>02/12/2014<br>02/15/2014<br>Water<br>ug/L<br>5<br>Results<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND   | 311141<br>MW-29<br>02/12/2014<br>02/15/2014<br>02/15/2014<br>Water<br>ug/L<br>5<br>Results<br>39.0<br>ND<br>ND<br>ND<br>ND<br>10.3<br>21.9<br>ND<br>10.5<br>ND<br>ND<br>13.3<br>ND<br>ND<br>ND                                    |   |   |   |
|---|---|---|---|---|
| 02/12/2014<br>02/15/2014<br>02/15/2014<br>Water<br>ug/L<br>S<br>Results<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND   | 02/12/2014<br>02/15/2014<br>02/15/2014<br>Water<br>ug/L<br>5<br>Results<br>39.0<br>ND<br>ND<br>ND<br>10.3<br>21.9<br>ND<br>10.5<br>ND<br>ND<br>10.5<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND |   |   |   |
| 02/15/2014<br>02/15/2014<br>Water<br>ug/L<br>S<br>Results<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND   | 02/15/2014<br>02/15/2014<br>Water<br>ug/L<br>5<br>Results<br>39.0<br>ND<br>ND<br>ND<br>10.3<br>21.9<br>ND<br>10.5<br>ND<br>ND<br>13.3<br>ND   |   |   |   |
| 02/15/2014<br>Water<br>ug/L<br>5<br>Results<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND   | 02/15/2014<br>Water<br>ug/L<br>5<br>Results<br>39.0<br>ND<br>ND<br>ND<br>10.3<br>21.9<br>ND<br>10.5<br>ND<br>ND<br>13.3<br>ND   |   |   |   |
| Water<br>ug/L<br>5<br>Results<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>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<br>ug/L<br>5<br>Results<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>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<br>5<br>Results<br>39.0<br>ND<br>ND<br>10.3<br>21.9<br>ND<br>10.5<br>ND<br>ND<br>13.3<br>ND  |   |   |   |
| 5<br>Results<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>S17<br>ND<br>ND<br>ND   | 5<br>Results<br>39,0<br>ND<br>ND<br>ND<br>10.3<br>21,9<br>ND<br>10.5<br>ND<br>ND<br>ND<br>13.3<br>ND  |   |   |   |
| Results<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>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<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>S1.7<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND  | 39,0<br>ND<br>ND<br>ND<br>ND<br>10.3<br>21,9<br>ND<br>10.5<br>ND<br>ND<br>ND<br>13.3<br>ND  |   |   |   |
| ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>S17<br>ND<br>ND<br>S17<br>ND  | ND<br>ND<br>ND<br>10.3<br>21.9<br>ND<br>10.5<br>ND<br>ND<br>13.3<br>ND  |   |   |   |
| ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>51.7<br>ND<br>ND<br>ND  | ND<br>ND<br>ND<br>10.3<br>21.9<br>ND<br>10.5<br>ND<br>ND<br>13.3<br>ND  |   |   |   |
| ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>51.7<br>ND<br>ND<br>ND  | ND<br>ND<br>10.3<br>21.9<br>ND<br>10.5<br>ND<br>ND<br>13.3<br>ND  |   |   |   |
| ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>517<br>ND<br>ND<br>ND   | ND<br>10.3<br>21.9<br>ND<br>10.6<br>ND<br>ND<br>13.3<br>ND  |   |   |   |
| ND<br>ND<br>ND<br>ND<br>ND<br>ND<br>517<br>ND<br>ND<br>ND   | 10.3<br>21.9<br>ND<br>10.5<br>ND<br>ND<br>13.3<br>ND  |   |   |   |
| ND  | 10.3<br>21.9<br>ND<br>10.5<br>ND<br>ND<br>13.3<br>ND  |   |   |   |
| ND<br>ND<br>ND<br>ND<br>ND<br>S17<br>ND<br>ND<br>ND   | 21.9<br>ND<br>10.5<br>ND<br>ND<br>13.3<br>ND  |   |   |   |
| ND<br>ND<br>ND<br>ND<br>51.7<br>ND<br>ND  | ND<br>10.5<br>ND<br>ND<br>13.3<br>ND  |   |   |   |
| ND<br>ND<br>ND<br>51.7<br>ND<br>ND  | 10.5<br>ND<br>ND<br>13.3<br>ND  |   |   |   |
| ND<br>ND<br>ND<br>517<br>ND<br>ND   | ND<br>ND<br>ND<br>13.3<br>ND  |   |   |   |
| ND<br>ND<br>51.7<br>ND<br>ND  | ND<br>ND<br>13.3<br>ND  |   |   |   |
| ND<br>517<br>ND<br>ND   | ND<br>13.3<br>ND  |   |   |   |
| 517<br>ND<br>ND   | 13.3<br>ND  |   | 540 00540400000000000000000000000000000   |   |
| ND<br>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<br>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<br>ND<br>ND<br>ND<br>ND<br>ND<br>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 |  |

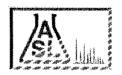
#### Method: 8260B, Volatile Organic Compounds and 6 oxygenates

|                               | QC Batch No                            | : W2B-021414 |            | <br>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 | <br>   |     |
| Preparation Method            |  |              |            |  |     |
| Date Analyzed                 |  | 02/15/2014   | 02/15/2014 | <br>   |     |
| Matrix                        |  | Water        | Water      | <br>The August A MAR                         |     |
| Units                         |  | ug/L         | ug/L       |  |     |
| Dilution Factor               |  | 5            | 5          |  |     |
| Analytes                      | PQL                                    | Results      | Results    |  |     |
| Trichlorofluoromethane        | 5,00                                   | ND           | ND         | <br>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 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | <br>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   | <br>                                   |   | - |
|--------------------------|-------|--------|----------|-----------|---------|--|---|---|
|                          | MS    | MS DUP | RPD      | MS/MSD    | MS RPD  |  |   |   |
| Analytes                 | % REC | % REC  | %        | % Limit   | % Limit |  |   |   |
| Benzene                  | 103   | 99     | 4.0      | 75-120    | 15      | <br>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)   |       |        |          |           |         | <br>                                   |   |   |
| 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

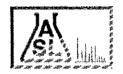
| Ordered   | Ву                 |
|-----------|--------------------|
| SCS Engin | eers               |
|           | y Airport Way #100 |
| Long Beac | h, CA 90806-       |
| Telephone | : (562)426-9574    |
| Attn:     | Bob Gutzler        |
| Page:     | 12                 |

|               |         |  | 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 <sup>a</sup> intel <sup>a</sup> intenanti <sup>a</sup> 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   |  | <del>}</del> 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   |  | <b>.</b>  |   |   |
| 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   | <b>1</b> 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<br>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

|               |         | <br>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<br>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 |                                   |               |                               | ~ <del>_</del>                         |
|--------------------------|-------|--------|-----|---------|---------|------------------------------|-----------------------------------|---------------|-------------------------------|--|
|                          | 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

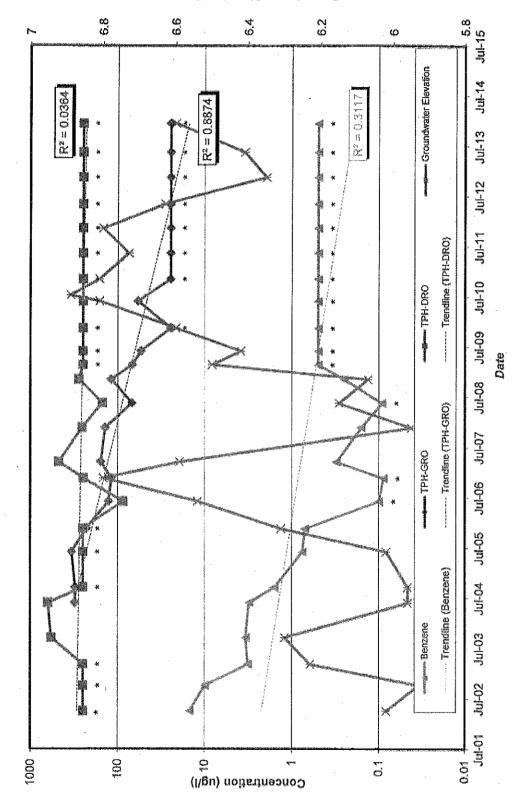


Figure F-1. MW-5R Concentrations Over Time, San Pedro Business Center

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

Groundwater Elevation (feet mel)

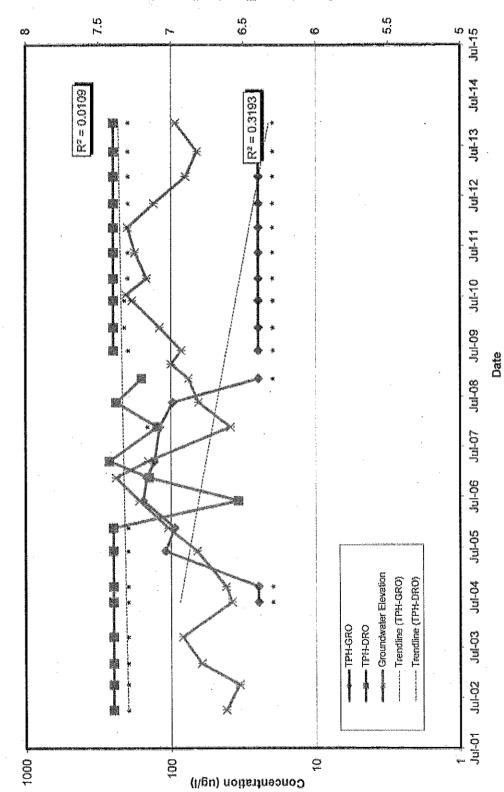


Figure F-2. MW-8 Concentrations Over Time, San Pedro Business Center

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

Groundwater Elevation (feet mai)

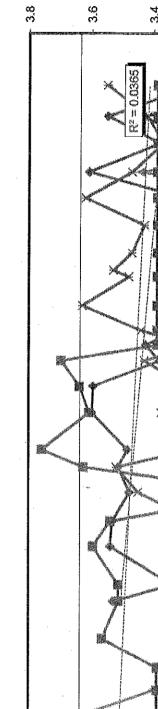
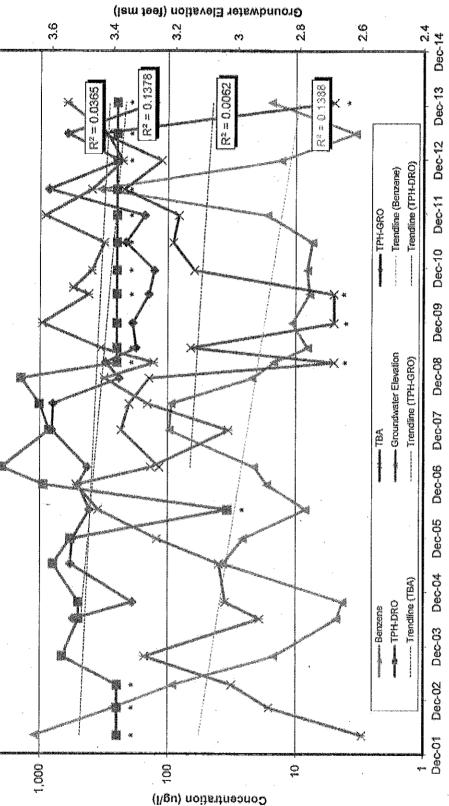


Figure F-3. NW-9R Concentrations Over Time, San Pedro Business Center



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

Date

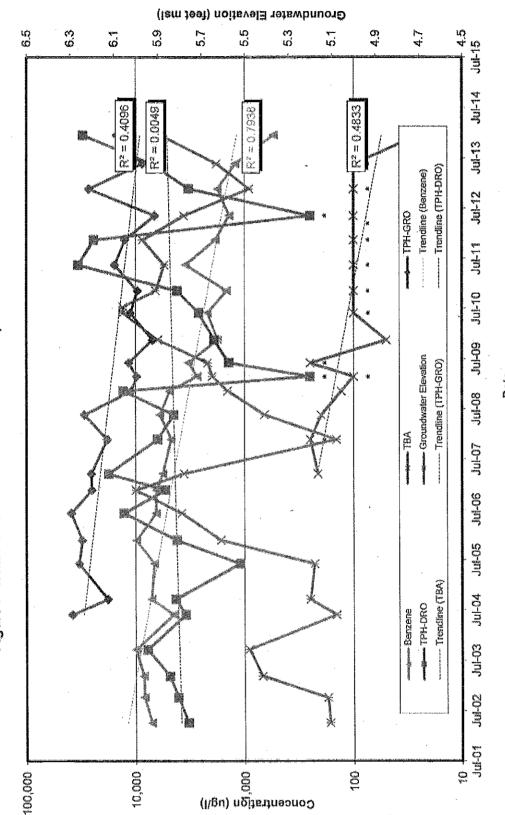


Figure F-4. MW-10R Concentrations Over Time, San Pedro Business Center

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

Date

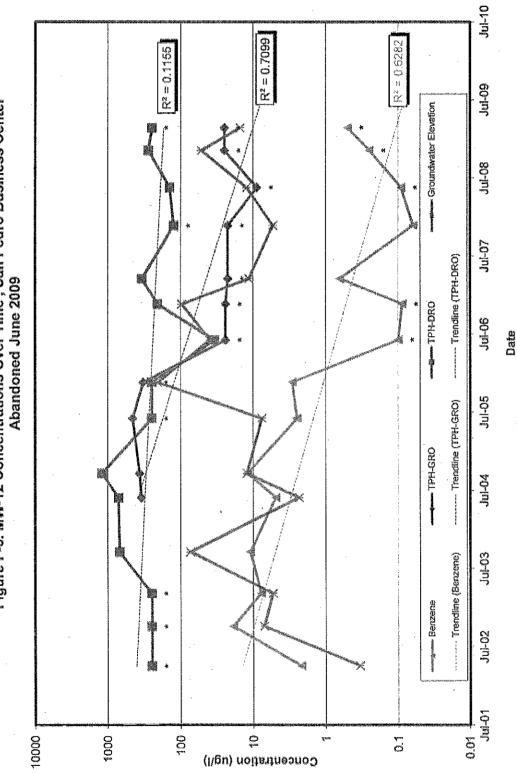


Figure F-5. MW-12 Concentrations Over Time , San Pedro Business Center Abandoned June 2009

(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  $\mu$ 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  $\mu$ 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.

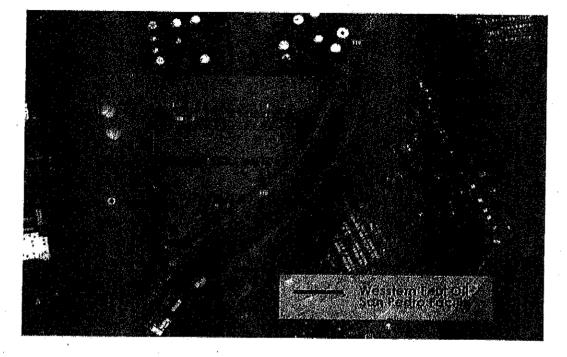
| 8/21/2012  | Workplan for installation of offsite downgradient monitoring wells |
|------------|--|
|            | submitted  |
| 12/11/2012 | Installation workplan approved                                     |
| 7/11/2013  | 2 <sup>nd</sup> time extension approved                            |
| 12/11/2013 | 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.

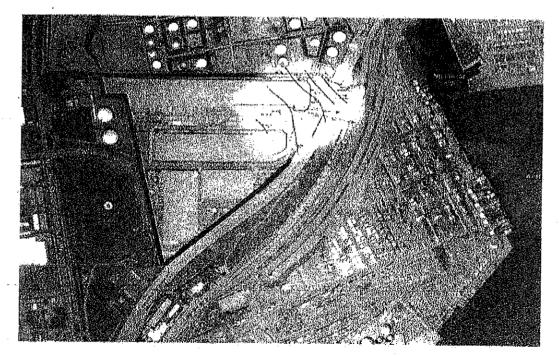
#### Paths to Closure

- 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.

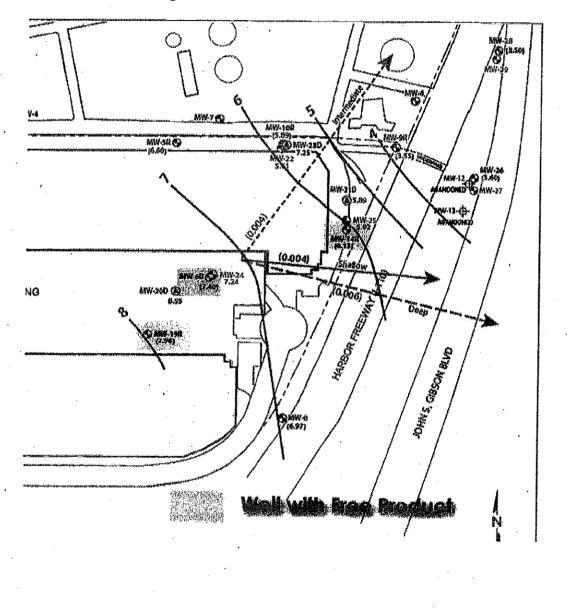




Groundwater Monitoring Wells



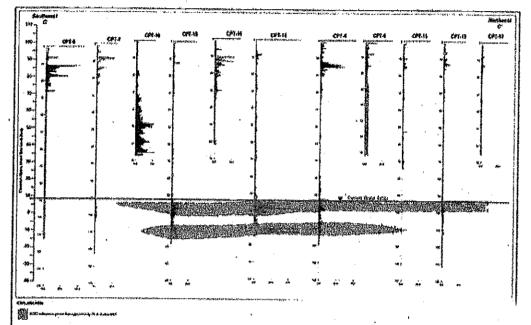
ţ,



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 4<sup>th</sup> 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 4<sup>th</sup> 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

<sup>9</sup> 

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<br>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  $\mu$ 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  $\mu$ 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 <sup>nd</sup> 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.

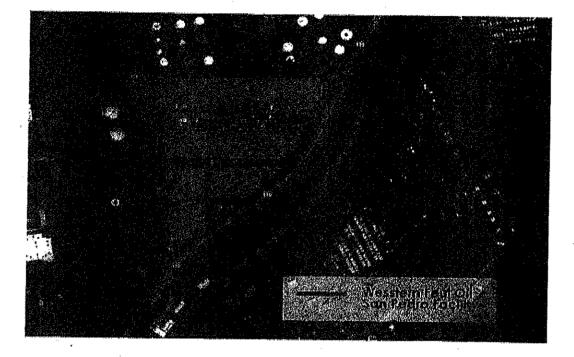
#### Paths to Closure

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

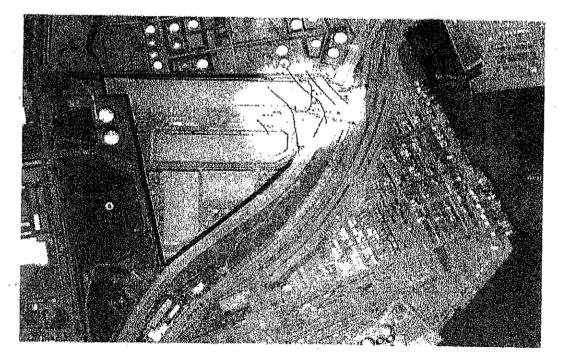
2. Set cleanup goals and remediate the impacted groundwater plume.

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

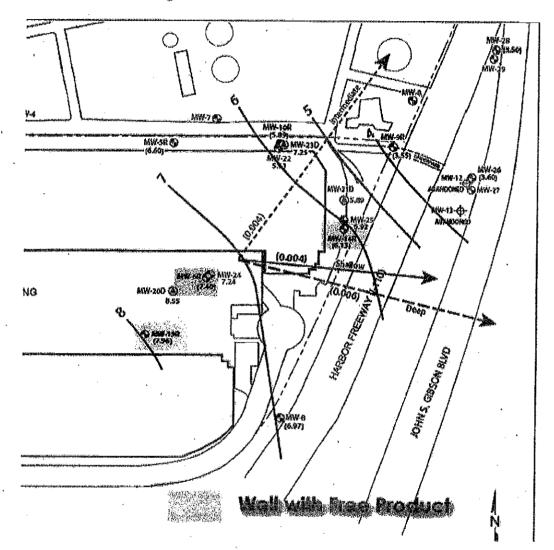
Site Map



Groundwater Monitoring Wells



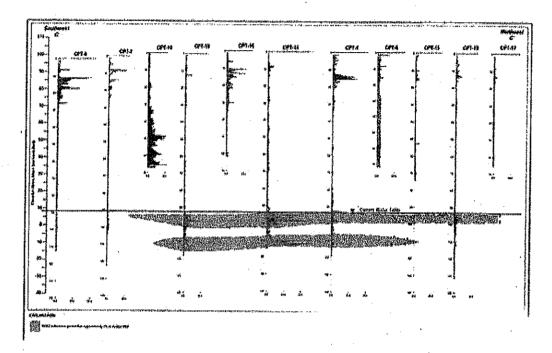
Ę,



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                      | <b>AUCA</b>  | 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<br>1000 - 1000     |   | 1000 Carina                            |   |                           | Concerned in   |  | 1                 |                                       | Contraction of the  | u X  | 10.000 A                              | Sec. 16          |   |   | 1.110  | 1000   |
|  | 5.8  | 100 200<br>200  |                      |   |  |   |                           |  |  |                   |                                       |   | <b>0</b> 1   |                                       |                  |   |   |  | 2<br>2<br>2  |
|  |  | 12 12 12 12 12 12 12 12 12 12 12 12 12 1  | 1                    | 1<br>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<br>I E-D-mu t al-  |  |   |                      |   |  |   |                           |  |  |                   |                                       | , k   | IJL  |                                       | i a              | 595455#<br>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<br>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 <sup>c</sup>   | 38070101056  |   |                      |   | ∃ (E                                   | E   |                           |  | E  |                   | 1999 C                                |   | E  |                                       | 2 <b>9</b> 9%    |   | EF  | 100  | State State  |
| Veritara River Reactin 1 Meritara River Estrary to Main SL)  | 1807010105 F   | u<br>å  | ,<br>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                                |   |                           |  | <b>U</b>   | Ш                 |                                       |   |  |                                       | n.<br>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<br>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<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 |  | な観光の   |
|  | 22   | 49  |                      |   |  |   |                           |  |  | L I               |                                       |   |  |                                       | No.              |   |   |  |  |
| Lake Castlas inbutanes   |  |   | č <b>a.</b> ,        | 14100   |  |   |                           |  | LLI .  | u,                |                                       |   |  | \$1.891.5                             | å.               |   | IJ  |  | ឃ  |
| Wentura River Reach 3 (Weldon Canyon to Casitas Mister Rid)  | 180701010105   | ш<br>&  | ш                    |   |  |   |                           |  | ш  | ш                 | *                                     |   | Ιų   |                                       | ш                | ŵ   | ш   |  | ш  |
| Ventura River Reach 4 (Castas Vata Ra. to San Antonio Creek)   | 18070 t010106 F  | ш   | цці<br>I             | ш   |  |   |                           |  | L  | ш                 | *****                                 | -   | 111  |                                       | Lij              | ш   | Lui   |  | łu   |
| Vertura River Reacht 4 (San Antonio Creek to Camino Octor Rd)  | 180701010104   | 2   | ц<br>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<br>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<br>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)<br>22 (1) (1)  | 1                    | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 | n<br>Marka                             | are better  | Contraction of the second | e and substantia   |  | ม                 | of a Provincial Street                | in the second | n<br>T   | Sector Sector                         | Competential Co  | n<br>Mariana<br>Mariana   | rt .  | 0.0000   | ม <sup>(</sup>   |
| Lon Creck  | T SUITIN T   |   |                      | Cu State  |  |   |                           |  |  |                   |                                       |   | Ц  |                                       | Sector stars     |   |   |  | No.  |
| Restes Creek   |  |   |                      |   |  |   | -                         |  | 1  |                   | *****                                 |   | цц<br>, ЦЦ<br>, , , , , , , , , , , , , , , , ,  | ******                                |                  |   |   |  | -  |
|  | 2.<br>2. 1.4   | ă.,   |                      | ш   |  |   |                           |  | ш  |                   |                                       |   | ш  |                                       |                  |   |   |  | <u>u</u>   |
| Ojai Wetland   |  | _   |                      |   | :<br>:<br>:<br>:                       |   |                           |  | เม   |                   | ******                                | da  | ш.   |                                       | _                | *****   |   |  | W  |
| Wentura River Reach 5 (above Camiro Cielo Rd.)   | 2/2/   | <u>ш</u><br>ш   | ш<br>Ш               |   | ш                                      |   |                           |  | w  | w                 |                                       |   | Щ  |                                       | E                | Ш<br>Ш  | ш   |  | u<br>u   |
| lija Reservoir)  |  | <u> </u>  |                      | ш   |  |   | H#5517                    |  | the day of the second | ш                 | -                                     |   | ш  | Constanting of the state              | - ter E          | ш<br>Ш  | ,ш  | 1.00000000                                       | ĮL.  |
| Identia Creek Resolv 2 (atore Natilia Reserva)   | 1807010101 P   |   |                      | <u> </u>  |  |   |                           |  |  | цц<br>Ц           |                                       |   | Щ  |                                       |                  | Ш   | ш   | 5000   | ш  |
|  | ž  | Dr.   |                      | u   | -                                      |   |                           | 10100000000000000000000000000000000000   | and the second second  | ш                 | Change                                |   | <u>іш</u>  |                                       | - and the second | ш   |   |  | . <b>L</b>   |
|  | TRATE OF THE TANK  |   | Li di                |   |  | 905 C   |                           | ALC: NO.   | u  | N.L.S.            |                                       |   |  |                                       | LL LL            | u   |   |  |  |
|  | <u>8</u>   |   | ĽШ                   | )<br>јш   | 2<br>                                  |   | 200 (1997)<br>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<br>11<br>11<br>11<br>11<br>11<br>11<br>11<br>11<br>11<br>11<br>11<br>11   |
| s , resentation concernant, togo   | triftenteries to the inclusion water   | s the indian  | ates wat             | eshortu<br>eshortu  | if and                                 | if not listed wrandely  | and the second            | ,<br>A   | Ś  |                   | 1                                     |   | i<br>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<br>La compañía de la comp |  |                   |                                       | it of   | 9.9<br>19<br>19  | The second                            |                  | A married   |   |  | - the second   |
| tajri, tene e. Sister De jauxevent es seguerou.<br>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<br>100                       | E JOILT   | 12 10 12 13<br>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 <sup>2</sup>  | 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<br>Winite   |
| ev to Hizinway 101 bridge)   | 180701020904   P*   E   E   E  |   |  | *****                                   | u   | u<br>u   | A WARD CONTRACTOR   | u  |
| Service and  |  |   |  |   |   |  | States of Street Part   | 1  |
| way 101 bridge to Elsworth Barranca)   | tu<br>đ  | 100000                                  |  | W                                       |   | į  |   | ្តីដេ  |
| with Barranca to Freeman Diversion)  | m  |   | m<br>I ≤ 1   | w                                       | Ш   | a<br>a   |   |  |
| And the second   |  |   |  | *****                                   |   |  |   | 1000 and 1000  |
| and Creek  | 22   |   |  |   | Ш   |  |   | E  |
| Pullector Cault  | n<br>1   | n n                                     | anterestic antication  | 100000000000000000000000000000000000000 | u)  | ш<br>Ш<br>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<br>1<br>1<br>1<br>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<br>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<br>Ш                                  |  |   |   |  |   | u<br>u   |
| Aliso Carryon Creek)   | E E  | W                                       |  |   |   |  |   |  |
| Santa Clara River Reach 9<br>More than the second of the second of the second   |  |   |  | 145+135<br>00200400                     | 5 1669<br>4 1469  | -tarrange - tarrange - |   | -  |
| e Santa Parta Water Works Chersion Dam)  | 180701020501 P E E E E   |   | ш<br>—   | w.                                      | ш   | EEE  | μ<br>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<br>   | L<br>L<br>L<br>L   | LL LL   | u  |
| Sespe Creek (Piedra Blanca Creek to Potrero John Creek)  | P E P  |   | E  | S.                                      |   | E  |   |  |
| éer an   | о.<br>Ш  | Garsey                                  | Parts M. School M. M. School and S  | u.                                      | 1. <b>11. 1</b> 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.<br>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   | <b>诺</b> 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   | ( <b>2</b> - <b>b</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 <sup>2</sup>  | 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<br>۵   |   | úш                     |                               |  |  |  | ųш                            |  | цm          | ц ш<br>Ц ш                        | u<br>u<br>a                            | <u>и</u> ш   | រាំយ<br>រូបីយ  |
| Bear Canyon   | 1867.020703                            | 6<br>6   |   | E State                | and the second                |  |  | U.S.   | a                             |  | E C         | 100                               |  | E State  |  |
| and the state of the state of<br>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<br>                             |  | ш́г  |  |
| uui caiyui<br>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<br>ju    | ×                                 | <u>M</u><br>K                          | Ц<br>Ц   |  |
| True Creek  | [80701020702                           | P.   | 100 100 100 100 100 100 100 100 100 100       | E State                |                               |  |  | C. C   | , d                           |  | ц<br>Ш      | i Ui                              | <b>1</b> Ц                             | E S  |  |
| Ő   | 180701020701                           | <b>.</b>   |   |                        |                               | 11111111111111111111111111111111111111     | A AND DAY LOUGH AND AND  | we in many parts   | a.                            | inite and in the second second   | Щ           | Į                                 | 1                                      | ш<br>Ш   | Contraction of the local division of the loc |
| Hopper Creek  | 180701020801                           |  |   | *****                  |                               |  |  | Ű  | Ľ                             |  | U.          | Ŭ,                                |  |  |  |
| inta Clara River  | 180701020604                           | ш<br>а.  | យ   | inne                   |                               |  |  | ш  | ш                             |  | ш           | ű                                 | Ш                                      | danas<br>S   | Ш  |
| Lake Privite states and the second states and the second states and the second states and the second states and   | 180701020503                           | ui<br>A  | 8725  | 255555                 | â.                            |  |  | 9  | u<br>W                        |  | Ш           | Ш<br>Ц                            |  | Ŵ  |  |
|   | 160701020503                           | <u>.</u>   | -   | inn                    | 554585                        | a.   | - Product of Second City of Second   | ш  | ш<br>Ш                        | 1  | ы<br>Ш      | ш                                 |  | u  |  |
|   | 180701020509                           | 100  | 3.855   | 999<br>61.100<br>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                           | <b>å</b> .   |   | 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<br>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.<br>Ш.                          | n<br>N                                 |  |  |
|   | anenznenznet                           | koncela  | 5.00  | ц<br>ц                 |                               |  | and a construction of the  | www  | mili                          | 201-2012   | m           | mulij                             |  | sund.  |  |
|   | COCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCO | 1  | <u>33</u>                                     | 2                      | а<br>Д L                      | о<br>И (                                   | 200  | L L  |                               |  | Şł.,        | LIIL<br>C                         | U L                                    | L. L   |  |
| udsuder Latve<br>Et kart en Entrehau  | ASITION DOCUMENT                       |  | 1<br>T<br>T<br>T                              | 1<br>L                 |                               | n i  |  | 1 II   |                               |  | u u<br>M    |                                   | u<br>u                                 |  | and the  |
|   | 180701020304                           | 1000   | ŭ<br>ŝi                                       | Sam.                   |                               |  |  | 1999<br>1997<br>1997<br>1997<br>1997<br>1997<br>1997<br>1997   | 200-20 <b>25</b> -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.<br>Ш                | 2559458                       | *****                                      | 555265   | ۳1<br>۳  | <br>W                         |  |             | 555555                            |  |  |  |
| Bouques Canyon (above Vasquez Canyon)   | 180761020401                           |  | a,  | а.<br>Ш                |                               |  | arcair<br>arctifi  | u.   | u.                            |  | L           | ш<br>                             | 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<br>ម<br>ម                                   |                        |                               |  |  | n n  |                               | Å.   | n<br>n      |                                   |  |  |  |
| Duuques resea vui<br>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<br>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<br>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<br>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<br>Ш                 |                               |  |  | ш  |                               |  | ш           |                                   |  |  | E  |
|   | 180701020301                           | <u>n</u> .   | ۵.<br>۵.                                      | ፈ                      |                               |  |  |  |                               |  | onen        |                                   |  |  | · · · · · ·  |
| Murriske States   | 180701020301                           | а.<br>А. ч   | а.<br>С. (                                    | <u>а</u><br>ши         |                               |  |  | u :  |                               |  | Шı          |                                   |  |  |  |
| Lake Euzabeth   | TENENZALOVARE                          | ,<br>T<br>T  |   |                        |                               |  | **   | 11<br>11   |                               |  | <br>⊥j<br>‱ | LL.                               |  |  |  |
| et. Execting density as   |  | roomores are consistent  | STARK TOF 2                                   | al benen               | Tor all cenchicial use lebies | ebles.                                     | -<br>,   |  |                               | •  | 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<br>· ·   | 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<br>designations must be considered for accounting of a first data (See account) 2 d first  |  | wneis require a delaised analysis of the area<br>~ 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 <sup>®</sup>   | WED No.  | MUN IN   | IND PROCIAGRESING FRSHE NEW POINDONING AGUA WARRINGOLD SAL  | E HOM     | MRFRSI  | NW<br>H  | ğ  | ONNER                                     | พพษกอ  | APRINCC         | 2<br>D<br>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<br>ш  | ш<br>В   | Ee p            | E d                                     | <del></del>  | ß             | <b>E</b>           |
|  | 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<br>U   | ů,              |   |  | niceono<br>Al | <u>n</u>           |
| Callegras Oreek (Pointen Rat to: Coneto Creat)<br>Calenues Creek Reach 4   | 70h0coh0v08k   | ሙ<br>ይ   |   | μ         | u<br>U  |  |  |   |  | <u>Ш</u>        |  |                 |   | u  |                 |   |  |               |                    |
| guas Creek Ron 2 to Pleasant Valley Rol ) 🧼 👾 🔆  | 180701030107   | <u>а</u>   |   | Ш<br>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 )<br>Berndelin / Phannel Admin / Amin /  | 50100000000  | 1  |   | ia<br>M   |   |  |  |   |  | <u> </u>        |  |                 |   |  |                 |   | wok's  | 1200          |                    |
| ucarusty unamet auve venuerve.<br>Datentes Oreek Reach 6   |  |  |   | 195 X.12X |   |  |  |   | Section Section  |                 | Allanda Salita   | Service Service |   | u<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Levense<br>Leve |                 |   |  |               | 100 CO.            |
| iguas Creek Rch  | 180701030103   | а.<br>Ъ.   | <b>G.</b>   | ۵.        | u.  | The second second  |  |   | 1000   | 100             |  |                 | ан.<br>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<br>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                                      | <b>a.</b>   | Δ,        | ALL AND A | m  | Collocation (  |   | and the second second  | 7               | Chane inc.   |                 |   |  | of the far man  |   |  | \$45545       | •••••              |
|  | and the second                       | 0.6  | 641<br>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<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>Marine<br>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<br>Coreix Creak (Catennes Creak Rob 3 tr Catings Duessio)  | 1907030705   | 0.<br>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.<br>11.<br>11.<br>11.<br>11.<br>11.<br>11.<br>11.<br>11.<br>11.  | 1.44 A A A A A A A A A A A A A A A A A A   |  |   |  |                 |  | 8)<br>8)<br>8)  |   |  |                 |   | in the second                                      |               |                    |
| Zeek to North Fork Arroyo Conego)  | 180701020105 Pr  | Å  |   |           |   |  | 1000   |   |  |                 |  |                 |   | L<br>L   | ш               |   | 100 C  |               |                    |
|  |  |  |   |           | 5584555   | <b>855: 885</b>  |  |   | 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<br>N   | <u>.</u>   |                 |   |  | 10.00 M       | 267<br>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<br>   |  |                 |   | 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)<br>[[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<br>្មួយ   | ្ហ័យ  | ្តំដ      | ii.   | ور شود   | 2  | 1995 Startes<br>()<br>()                  |  | <u>ະ</u> ມ      |  |                 | ¥   | цщ<br>И  |                 |   |  | 10<br>10      |                    |
|  | 15>339?  |  | 151552  |           | 464425.   |  |  | a.18444                                   |  | _               | -  |                 |   |  |                 |   | 4255a-6:   |               | <del>7=1#1</del> 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   | <ul> <li>C. Coastal waterbodies which are also listed in Coastal Features Table (2-3) or in Wetlands Table (2-4).</li> </ul>           | 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 <sup>a</sup>   | WED No.                                    | MUN INDPROCAGAGAGARFRSH MAVPOWDOMMAQUAWARWCOLDSAL               | NO.         | 50                    | E CINE                                    | FRSH                                   | NW   | ğ.<br>Ö   | Dama A                                   | พ่ากอ                 | RRMO  | й<br>Ор  |                   | TIMAH                |             | 20   |  | ESTMARMAL FOLLAREMICRS PUNSHELLINE | WINSH                   |                        | لو   |
| I DS ANGELES CONNERTS STREAMS  |  |   |             | 2                     |   |  |  |   |  |                       |   |  |                   |                      |             |  |  |                                    |                         |                        | Ĩ  |
|  |  |   |             |                       |   |  |  |   |  |                       |   |  |                   |                      |             |  |  |                                    | 5 M 14 M 10             |                        |  |
| Repro Seguri<br>See Micholas Prantin Pract   | 2020001040202                              | L ð   |             |                       |   |  |  |   |  |                       | <u>и</u> -  | ų,   |                   |                      | u u         |  | W  | E -                                | ш<br>Ш                  |                        | LLI.   |
|  | CUCULUS CONTRACTOR                         | ND.   |             |                       | 10 2000<br>10 2000                        | 125004                                 | 2000   |   |  | 10000                 |   | No.  | 10 MIL            |                      | 11          | No. of Street, |  |                                    | 5015 <b>2</b> 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<br>8     |                       |   |  | ш  |   | ш  |                       |   |  | ш<br>Х            |                      | Ŵ           |  |  | a.                                 | ፚ                       |                        | w  |
| ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~   | 180701040203                               | น้ม   |             |                       |   |  | *****  | in second   |  |                       | យ   | щ  |                   | -                    | ш           |  | -  |                                    | а.,                     |                        |  |
|  | 180701040204                               |   |             |                       |   |  |  |   |  |                       |   |  |                   | -                    | ш           |  |  |                                    | a                       |                        |  |
|  | 180701040204                               | inen<br>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<br>2000<br>2000<br>2000<br>2000<br>2000<br>2000<br>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<br>—      |  |  |                                    |                         |                        | 2  |
| Toganga Lagucai <sup>6</sup>   | 18070104040401                             |   | 5,000-94    | _                     |   |  | យ  |   | с<br>Ш                                   |                       |   |  |                   | ш                    | ш           |  | มี                                       | 凹                                  | b                       |                        | w  |
|  | 180701040401                               | Â.  |             |                       |   |  |  |   |  |                       | Ш   | Ц,   |                   |                      | U<br>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   |             |                       |   |  |  |   |  |                       | <br>  |  | kiipe<br>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<br>Ш  | 10000  |                   |                      | Ш.          |  |  |                                    |                         |                        |  |
|  | 180705050507051                            | 27.246.42.4   |             | 2011-02-04 100-04     | 1010 801 ( 100m                           | and the second                         |  | 100000  | ().<br>().<br>().                        | 0.821905 -            | a   | 20 40 40 10 10 10 10 10 10 10 10 10 10 10 10 10  | 2.<br>            | 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<br>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<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 |  |  |   |  |                       | ي<br>ت  |  |                   |                      |             |  |  |                                    |                         |                        |  |
| Lipper Franklin Canyon Reservoir   | 180/01040318                               | -<br>   | <br>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.<br>8           | and at               | ц<br>Ц<br>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<br>- 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<br>H      |
| MALIBU CREEK WATERSHED  |   |   |  |   |                                  |  |                                       |                      |             |
|   |   | ш.<br>Ш   |  | Contraction of the second s   | យ<br>យ<br>ឃ                      | е<br>Ш                                 |                                       |                      |             |
| and the second second   |   |   |  | ц<br>С.<br>О,   | ц<br>Ш                           | រ បា                                   | <u>и</u> а.<br>1                      |                      | ЩШ          |
|   |   |   |  |   |                                  | LU<br>LU                               | <b>A</b>                              |                      |             |
| Lenury reserver<br>Kaltou take  | Tearonceurue  |   |  | Ш<br>Ц  | ui II                            |  |                                       |                      |             |
| Reach 1 (Nation Lake to Lindero Creek Reach 1)  | ٤.  |   |  | ۵.  |                                  | 62 M 20                                |                                       | statille of          | ш           |
| ce Linderoj   |   |   |  |   | ц<br>Ц<br>Ц                      |  |                                       |                      |             |
|   | <u>81</u>   |   |  |   |                                  |  |                                       |                      | 6 A         |
|   | 1804/D1040104 F   |   |  |   | ********                         | L<br>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<br>L               | 2           |
| Contraction of the second second  | ш<br>ш<br>ш   |   |  | Several and the several s | Ш                                |  |                                       | Section 20           |             |
| Hodden Walley Creek   |   | LL<br>LL  | ш.<br>   |   | щu<br>П                          |  |                                       | Ľ                    | W           |
|   |   |   |  |   |                                  | 10000000000000000000000000000000000000 |                                       |                      |             |
|   |   |   |  |   |                                  |  |                                       |                      |             |
| Bailona Creek Estuary (ends al Centinela Creek)<br>Dographicationalise Camales  | 150701040300  |   | Ē  |   | ш<br>ш<br>ш<br>ш<br>ц            | <u>ያ</u>                               | ងដ<br>ឯង                              | u<br>u<br>u          |             |
| 1994 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -   |   |   | all south and  |   | l                                | ц<br>Ц                                 | 1<br>1<br>1<br>1                      | 3                    | ĴШ          |
|   | 150701040500  |   | Ш  |   | щ                                | 8                                      | to surpace                            |                      | 173<br>173  |
| Designation recents ( Equally to found a block)<br>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<br>La                               | d<br>t                                |                      | 114         |
| Channel Estuary (Ends at Anaheim Rd.) <sup>c</sup>  | E   | Ш   | and the second s |   | IШ<br>Ш                          |  | . ជា<br>: ជា                          |                      |             |
|   | 5.2   |   | Ε  |   | ШI<br>M                          |  |                                       | ш                    |             |
| Los Vermos Channes<br>Colorado Lacoon   |   | E   | ù.   |   | ш Ш                              |  |                                       |                      | -<br>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<br>V en en et et et en et en et  | stitutatics to the indicated waterbody, if not insted separately  | erbody, if not hsted set<br>urre  | karately.  | and the second  |                                  |  |                                       |                      | ;           |
| E.s. and E. Stall OF protocoled as required.<br>* 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<br>would movie a devaluation on locks of the arres   | ye. E sugy nave weighn<br>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.<br>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<br>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।<br>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<br>                |             |
| regulated under the REC-1 are in the Basin Plan, or the associated bacteriological<br>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<br>1<br>1 |
| protect other REC-layes associated with the fishable goal as expressed in the Federal<br>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-<br>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<br>17 nsa- and the accordated harteristic   | s expressed in the fede<br>deal abientness en to n                                    | ral Clean Wat  | er Act section ]<br>similar Water   | 01(a)(2) and :<br>mailt: //iac   | regulated u                            | moter the RI                          | EC-1 use, r<br>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<br>s (e.g., uses ži | ovolving B                             | proved (*)                            | verca<br>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 <sup>2</sup>   | 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.*<br>Dominarius Channel (Ectiment in 430th St.)  | 189701060102   |   |   |  | 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -<br>1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - | Sec. 1  |               | E  | ¢۵<br>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<br>E   | 感し                |   |  | S<br>W        | Ψı<br>uı   |                | ů,          | D,                            | Ш.                                       | -<br>0                                  | La<br>La  |
| Sector Sector  | 180701050402   |   | 80                                      |  |  |   |               |  |                   | and some                                |  |               |  |                | Ц           | r<br>V                        | r  | r<br>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<br>             |   |  |               | 1. <b>e</b> st   | L              |             |                               |  |   |   |
|  | 1807010503031  | <u>.</u>  |   |  |  |   |               |  |                   |   |  |               |  |                |             |                               |  |   |   |
| South Street for   | 180701050303   |   |   |  |  |   |               |  | 8<br>19           |   |  |               | - 11<br>- 10<br>- 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                                  | ()<br>()<br>()   |   |               |  | *** : #<br>***    |   |  |               | 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.<br>Г  | ů.             | Ĩ           |                               |  |   |   |
|  | 12020102020  |   | 1000 1000 1000 1000 1000 1000 1000 100  | 1997 C 1997                              |  |   | 261124 (PG    |  |                   | D I I I                                 |  |               |  |                | 1           | 2002                          | u<br>N                                   | n<br>N                                  | n   |
| Men, Variational (Construction)  | 180701050302   | 5.<br>5.  | 8                                       | 660303                                   | E Subar  |   | 2             | C. Mathemater / Samorride  | )<br>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<br>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<br>            |   |  |               | u<br>Nu  | <b>u</b><br>Li |             |                               | Sector Sector                            | 3                                       | Martin N  |
|  | 180701050302   |   |   |  |  |   |               |  |                   |   | Zalata<br>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<br>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<br>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<br>1                                |  |  |   |               |  | Stores            |   |  |               |  | moto           |             |                               |  |   |   |
|  | 180701050209   | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 |   | 202                                      | n n  |   | 20122         | SULAR SPECIAL  | ม น               | 1                                       |  |               | unia<br>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<br>а   | 200.000        | Suu         | All we want the second second | is<br>danuu                              |   |   |
| A CONTRACTOR OF A CONTRACTOR A   | 180701050209   | 889<br>(53)   |   |  |  |   |               |  |                   |   |  |               |  |                |             |                               |  |   | L.  |
| States of the second   | 12040120102020   |   | California and                          |  | 11<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>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<br>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)<br>(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<br>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<br>С-С)-2                             | 01 10  | Wetter        | nds Ta   |                | £).         |                               |  |   |   |
| most defasts).   | R One o  | THORE I   | ALC ST                                  | actes unifi<br>Marcalli                  | lizes all  | DECEN.  | bays, e       | One or more rare species utilizes all ocean, bays, estancies, and coastal wellands for foraging and/or nesting,<br>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 <sup>a</sup>   | 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<br>Ra  |
| ta fue canyot laega ano creek<br>Tinimoa Wash  | BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADICULIANSI<br>BADIC | 5. A  |                                       | 1990)<br>1990)<br>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<br>8             |                           |   | 2        |
| Lopez Canyon Creek   | 180701050105  | à, l  |                                       |                         | 412.<br>477<br>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)<br>1000 (1000) | 3                 | ania<br>Maria                |              |  | ш <sub>ист</sub> и  | Sime of the second | ann fia ann               | ,<br>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |          |
| Big Tupaga Caryon Creek (Aransen Plood Control Basin to Big Tupaga Reservor)   | 180701050105  | <u>الم</u>  |                                       | <b>-</b> Ш              |                       |                 |                            |   | - u.                       | Ш                 |                              |              | u<br>u                                   | S   |                    |                           | ្ពុរ                                      | ្តីរ     |
| Big Tujunga Reservor)  | 180701050103  | Å   |                                       | E Contraction           |                       |                 | Sec. 1                     |   | in i                       |                   |                              |              | Se l'anne                                | E<br>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<br>8                           | มใน      |
| Big Tukunga Reservoir  | 180701050105  | ፚ   |                                       | ш                       | Sub-State State State |                 | - 500 PPC (Bro             |   | 20<br>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)<br>Deviana Miseri   | BUZUCUSU BUZUSU   | L<br>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<br>L            | 55<br>56<br>6<br>7<br>7<br>7 | n<br>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<br>1   |
| Wason Carlyon Creek  | 180707050505050   |   |                                       |                         |                       |                 |                            |   |                            |                   |                              | Ш            |  |   |                    |                           |   | 29       |
| Justovi Varyvi viter.<br>I os Andes Raer Resta 5 (Saniharia Dan In Baliva Bini )   | 1802020204  | ە.<br>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                                  | <br>W                      |                   |                              |              |  | ш   | week weeks         | the second second         | 1000 mm                                   | aprova   |
| LOWER WAID NOT THE REVENTED AND A DESCRIPTION OF A DESCRI | AUXIONOTOTICS   | n<br>U  |                                       | ц<br>Т                  |                       |                 |                            | initer<br>S                             | шā                         |                   |                              | u) u         |  | ш.  |                    |                           |   |          |
| Los Angeles River Reach 6 (above Balboa Bivit)   | 180701050206  | ь<br>Б  | 100                                   | B                       |                       |                 |                            |   | 24                         |                   |                              | u u          |  |   |                    |                           |   |          |
|  | 180701050208  | ฉันเมาต้  | and a subsection of the               | <u>y</u> y              | 9 18                  | i               |                            | 6                                       | [<br>_                     |                   |                              | 1<br>1       |  |   |                    |                           |   |          |
| Also Larvan Wash Luss Angeles Have Keach o to State Hay (1)8)<br>Also Crawen Prest Johns State Hun 449)  | 180/01050203  | 5. jā   |                                       | •••                     |                       |                 |                            |   |                            |                   |                              | ιμι<br>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<br>1999<br>1999         | E            |  |   |                    |                           |   | ŝ        |
| Hittoyo Calatosas  | 180701050201  | 200   | 1.090                                 | 0.00                    |                       |                 | No.                        |   |                            |                   |                              | 0.1          | -  |   | 1.1.1.2<br>1.1.1.2 |                           |   | X        |
|  |   | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1   |                                       |                         |                       |                 |                            |   | 3                          |                   |                              | <u>u u</u>   |  |   |                    |                           |   |          |
|  | 190701050201  |   |                                       |                         |                       |                 |                            |   |                            |                   |                              | 11           |  |   |                    |                           |   |          |
|  | 180701050201  | ա<br>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<br>37 D and 34 chail ha historiastad as raomárad   | triðutari.<br>Her Vaferrer  | tributaries to the indicated waterbody, if not fisted separately<br>by Workehoffer designated or 2007.  | endicated                             | ( waterb                | odev, ≌ n<br>™        | of fisted       | separate                   | N.                                      | 1<br>1<br>1                |                   |                              | ,<br>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<br>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<br>more detailed  | IT This I   | This reservoir is covered and firms inaccessible.<br>Correnties day and no along for matametical  | is covere                             | đand ži<br>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<br>8<br>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><br>ш<br>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<br>1<br>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<br>Ша  |   | 1999 (1998)<br>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><br>م. م  | ¢d∞ %d⊛  |   |                            |                           |                              |                    |  | ч.                           |                  |  |   | a u                                    |                          | i i   |  | t Hered and |          |                 |
|  | 80701060303   | 6 P   | -  | 062400  | ÷                          | <u> </u>                  |                              |                    | -  |                              |                  |  |   | μı                                     | 3 8                      | Ġ.  |  |             |          |                 |
| Legg Lare<br>San Gabriel River Reach 3 (Whittler Narrows Dam to San Jose Creek)  | 180701060601  | <u>.</u> 4  | 1977   |   | 83                         |                           | 14144 M                      |                    | 500776   | 1)                           |                  |  |   | ųμ                                     |                          |   |  |             | Ľ        | -<br>-<br>-     |
|  | [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<br>180701060601  | <u>a</u> 1  |  |   | ata in                     |                           |                              |                    |  |                              |                  |  |   | щи                                     |                          | С<br>Ц  |  |             |          | 1015000         |
|  | 190701050501  |   |  |   |                            |                           |                              |                    |  |                              |                  | 100                                      |   | л П<br>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<br>#8/701050402  | 6.6   |  |   |                            | 200 000 X Z               |                              | Retting and        |  | ц<br>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.<br>-                    |                           |                              |                    |  |                              | Sec. of          |  |   | 1<br>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<br>រ  |  | 99<br>60<br>60<br>60  | и<br>И<br>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<br>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<br>N  |  | 1   |                            |                           | 1000                         |                    |  |                              |                  |  |   | ų u                                    |                          |   |  |             |          | <u>21</u>       |
|  | 180701060402  | 10  |  |   |                            | E S                       |                              |                    |  | Ц.                           |                  |  |   | U)                                     |                          |   |  |             |          | 28-6            |
| Puddingstone Wash<br>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 -<br>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.<br>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<br>J<br>RŤ N               | 1                  |  | F                            | í<br>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<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 | c: Coastal walcrbooks when are also, listed in Coastal reatiles I able (2-5) of an Wettands I able (2-4)<br>• Che or more rare energy all orean have extantes and coastal usefands for financing and/or ( | CDOOR  | S WINKS   | t are as                   | 0. IISIO<br>Il acces      | JISTEG ID COS<br>Acrean have | Nastalu<br>Adata   | realize<br>arres 2   | so Taba                      | ير-ك) د<br>سرامه | or an v<br>Marido                        | Yeura<br>for fin                        | an ISB<br>Marine                       | 17) 180<br>300 (77)      | istai reamies 1 abie (2-5) of an Weitands 1 abie (2-4).<br>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 <sup>2</sup>   | WED No.                                 | INE MIN  | ND PROCKSRSWAFRSH  | ENCRO<br>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<br>រ  |  |                     |  |                |  |   |                          |                                       |                    | ifu<br>S           |  | ų         |  |                      |   | Д  |
| ona Bivo. to Santa FelDan)   | 380701050601<br>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.)<br>San Gabrel River Reich 5 fili internity (h. h.) Jan Tassel (saiwa) | 180701050501                            | 1977. <u>(19</u> 87)   | L  | - U<br>1            | N. Martin  |                | 10-00                                    |   | ¥1                       | n a sub                               |                    | m n<br>K           |  |           | 8  | 1.4.2.4.1.4.2.4.4.   | an sea ann an a |  |
|  | 180701060601                            |  | ľш   | іш<br>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<br>Solities Canvon Creek   | 180701060601<br>180701060801            | <b>1</b> . á   |  |                     |  |                |  |   |                          |                                       |                    | NC (1)<br>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<br>Д               |   | шш   |
|  | <u>2649</u>                             | Ш<br>Ш   | Ű.   | шı<br>шı            |  | шı             |  |   | Ē                        |                                       | 0                  | W                  |  | 202201-0  |  | E S                  | <u> </u>                                      |  |
|  | 10000000000000000000000000000000000000  |  | is)<br>Marine  |                     |  | 1              | 8  |   |                          | и<br>Ш                                |                    | шц                 | 100 March 100                            | sum?      | Chick The  | ti ka                | Cardener<br>Cardener                          | ·····  |
| er (above Fish Foxk)   |   | å.   |  | Ш                   |  |                |  |   | 8                        |                                       |                    |                    |  | in the    |  | u u                  |   |  |
|  | 180701060302                            | 6.   |  | U State             | 84<br>88<br>88<br>88<br>88   |                |  |   |                          | ш                                     |                    | ι<br>M             |  | ) UL      |  |                      | 346   | , u  |
| Colowater Canyon Creek   | 180701060302                            | á.   | S Barrier State  | ш                   | CE EXCHANCE  |                |  | at the second |                          | л<br>ГШ                               | de la constante da | *****              | more                                     | 87525588  | Č,   |                      | - Che - Che                                   | ш I  |
|  | 180701060303                            | 1  |  | ůш                  | and the second |                |  |   |                          | u<br>u                                |                    | ЦЦ                 |  | 1070-0730 |  | u u                  |   | Mu   |
|  |   | Ł  |  |                     |  |                |  |   |                          |                                       | 100                |                    |  |           | 100  | n<br>Second          | 165   | J W  |
| ş  | 180701060205                            | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>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<br>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                       |   | ា<br>ហោ                  | កកា<br>                               |                    | цш                 |  | n in      |  | նա                   |   | ЦL   |
|  | 160701060204                            | 4  |  | U<br>Se             |  |                |  |   | 100                      | i i i i i i i i i i i i i i i i i i i |                    | Ш<br>П             |  | CL.       |  |                      |   | 1.80   |
| Continuo creek<br>Solder Creek   | 180701060204                            | <b>.</b>   |  |                     |  |                |  |   | 1<br>1                   |                                       |                    |                    |  |           |  | Ш<br>Ц<br>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<br>201   |
|  | 180701060202                            | 6.2  |  | i jaj               |  |                |  |   |                          | П.                                    | 03                 | 1<br>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<br>N           |                    | and the second                           | ទ្រីព     |  |                      | and the second                                | 40)<br>Viĝ   |
|  |   |  | No.  |                     |  |                |  |   | . U                      |                                       |                    |                    |  | лщ        |  |                      |   |  |
| Middle Ranch System<br>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<br>ISan Antonio Canyon Creek   | 180702030701                            | Ш.<br>Ш  |  | E<br>E<br>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<br>1. Intrement hemeficial use   | a: Water<br>Tributani                   | a. Waterbodies are listed multiple times of they cross hydrologic area or subarea boundaries. Beneficial use designations apply to all<br>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.<br>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.<br>B. Waterhoofies designated as WET may have wetlands haling secondated with anti- a ravian of the waterhoute. Ann escalarana serion                | e sienated<br>Sienated   | TW as               | uyt, al elt<br>Trrate he   | ave wet        | i sepalak<br>Janda ha                    | ay.<br>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<br>1<br>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.<br>shi This preteribed is also in Davion 9 1901 731   | Channel<br>Lice almo   | Island I<br>in Dani | 0X<br>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"<br>VENTURACOUNTY COASTAL STREAMS<br>Los Sauces Creak<br>Powery Canyon   |   | WED No.                           | RECI                     | LEC.                     | REC2                       | High Flow<br>Seepension   |
|--|--|---|-----------------------------------|--------------------------|--------------------------|----------------------------|---|
| SFIAL STREAMS<br>eff<br>eff<br>eff<br>met<br>eff<br>eff<br>eff<br>eff<br>eff<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>filter<br>fi   | VENTURA COUNTY COASTAL STREAUS<br>Los Sauces Oreac<br>Powerty Canyon   |   |                                   |                          | 2.0- 00000000            | Ser Cater Parts            |   |
| k<br>Let<br>Reter Estuany to Main SLI<br>Stico Weeddon Carayon)<br>Stico Weeddon Carayon)<br>Stico Media Rase<br>Magna Reserved<br>Madia Reserved<br>Madia Reserved<br>Madia Reserved<br>Madia Reserved<br>Madia Reserved<br>Madia Reserved<br>Madia Reserved  | Los Satros: Dresk<br>Powerty Carryon   |   |                                   |                          |                          |                            |   |
| k<br>Lettor<br>La Canyon to Cantor Statis<br>St to Weedoor Canyon Carly<br>St to Weedoor Canono Creek<br>Mono Creek to Carino Creek<br>drono Creek to Lon Creek)<br>in Creek<br>drono Creek to Lon Creek to Lon Creek<br>drono Creek to Lon Cre   | Powerty Caryon   |   | 18070101010202                    | N. IN M.                 | State of the             |                            | の調査を読み  |
| k<br>ED<br>Stroet Estany to Mén SL)<br>St bi Weddon Canyon<br>St bi Weddon Canyon<br>St bi bi bi San Awono Creek<br>Mono Creek to Canino Cale Rd)<br>se Ysia Rd to San Awono Creek<br>Mono Creek to Canino Cale Rd)<br>se Reach & to Lon Creek<br>Manin Reserved<br>Main Reserved<br>Main Reserved<br>Main Reserved<br>Main Reserved<br>Main Reserved  |  |   | 180701010202                      | -                        |                          | 41.98                      | and the state of the |
| k<br>ED<br>St bi Weiddon Canyon Main St.)<br>St bi Weiddon Canyon of Relation<br>St bi Weiddon Canyon of Relation<br>St bi Weiddon Cango Relation<br>at Raes Visita Relation Creek ()<br>Mer Reacht & to Loon C  | Nextrano Canyon  |   | 180701010202                      |                          |                          |                            |   |
| k<br>LED<br>Al Ruer Estuary to Mán SL<br>St to Ivveluon Canyon<br>St to Ivveluon Canyon<br>Cargoon to Caestas Vasta Rid)<br>an Cargoon to Caesta<br>Atomo Creak (to Exor Creak)<br>Maria Rua Lo San Antono Creak<br>Atomo Creak (to Exor Creak)<br>Maria Rescond<br>Carrino Celo Rid)<br>a Ruer Reach Sto Matija Resceveri<br>Marija Resceveri<br>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<br>a Roer Estuary to Mán SL)<br>St to Weidon Canyon<br>St to Weidon Canon of San Antonio<br>Cargon to Castos Weia Rd)<br>a Visia Rd La Can Antonio Celek Rd)<br>wer Reacht & to Lans Creek)<br>Morio Creek and San Antonio<br>Centra Casto Rd)<br>n Creek<br>a Tuer Reacht San Matija Reservoit<br>Malija Reservoit<br>Malija Reservoit<br>Malija Reservoit<br>Malija Reservoit  | Padie Aser Caryon - Control of the second                                  |   | 180701010202                      | 120                      |                          | 31                         |   |
| k<br>LED<br>La Ruer Estuary to Man SL)<br>St to Wetdon Canyon<br>St to Wetdon Canton Octob Ru)<br>St to Wetdon Canton Octob Ru)<br>Managa Rut<br>Managa Rut<br>Carrino Cab Ru)<br>n Creek)<br>n Creek)<br>a Ruer Reach 5 to Matija Reservoit<br>Manjja Recevnoj<br>Kanada Raservoit<br>Matija Recevnoj<br>Kanada Raservoit   | <b>NCC ath Late</b><br>2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.  |   | 180701010202                      |                          |                          | ឃី                         |   |
| k<br>LED<br>Roer Estuary to Mein SL)<br>Si to Weiddon Canyon<br>Si to Weiddon Canado<br>Si to Weiddon Canado<br>Canado to Castas Weita Edd)<br>ar Canyon to Castas Meita<br>Anno Castas Meita<br>Anno Castas Meita<br>Anno Casta Fito<br>Mania Reservoit<br>Mania Reservoit<br>Mania Reservoit<br>Mania Reservoit<br>Mania Reservoit<br>Mania Reservoit<br>Mania Reservoit<br>Mania Reservoit  | Big Sycamore Canyon Creek  |   | 100001040201                      |                          |                          | 4                          |   |
| et fi<br>as Ruer Estuary to Man SL)<br>St to Weddon Canyon<br>St to Weddon Cangoo<br>Mango I to San Antonio Celo Rul)<br>as Visia Rul to San Antonio Celo Rul)<br>wer Reacht 4 to Lichi Creek)<br>no Celo Rul)<br>n Creek)<br>o Certino Celo Rul)<br>a Ruer Reach 5 to Mañja Reservoit<br>Mañja Reervoit<br>Mañja Reervoit<br>Mañja Reervoit   |  | 15  | 180701040202                      | 1                        |                          | 5<br>2<br>2<br>2<br>2<br>2 | Contract of Contract of Contract  |
| ar Ruer Estuary to Main SL)<br>St to Weddon Canyon<br>St to Weddon Canago<br>M Canyon to Casites Wede Rd)<br>at Canyon to Casites Wede Rd)<br>as Visia Rd Io San Antonio Caelo Rd)<br>wor Reach 4 to Lichi Creek)<br>no Caelo<br>Mania Reach 5 to Matija Reservoit<br>Malija Receivoit<br>Matija Receivoit   | 100  |   |                                   |                          |                          | Contraction of the         |   |
| ar Roer Estany to Mán St.)<br>20 to Weedon Canyon<br>In Cangon to Castas Veca Rú)<br>na Kai to San Antono Creek<br>atono Creek<br>Mono Creek<br>no Creek<br>n Creek<br>n Creek<br>a Ruer Reach Sto Matija Reservet<br>Matija Reservet<br>Kanga Ruba Reservet<br>Kanga Ruba Ruba Ruba Ruba Ruba Ruba Ruba Rub   | VEN UKARIVEK MALEKSITEL  |   |                                   |                          |                          |                            |   |
| ar River Estuary to Main St.)<br>St to Weedoon Caayoo<br>In Cangoon to Caastes Wate Rid),<br>Es Vista Rid. Io San Antonno Creek<br>atonio Creek to Cantino Celo Rid.)<br>Vier Reach 4 to Licni Creek)<br>In Creek<br>Oramine Celo Rid.)<br>a River Reach 5 to Matilja Reserved<br>Matilja Reserved<br>Matilja Reserved<br>Atore Reach 5 to Matilja Reserved<br>Matilja Reserved<br>Atore Reach 5 to Matilja Reserved<br>Matilja Reserved<br>Matilja Reserved   | Ventura River Estuary <sup>2</sup>   |   | 180701010106                      |                          |                          | E                          |   |
| St to Wetdon Canyou)<br>In Carigor to Castas Wika R(d)<br>In Carigor to Camino Creek<br>atomo Creek to Camino Celo Ru)<br>Inter Reach & to Lon Creek<br>Inter Reach & to Lon Creek<br>Camino Celo Ru)<br>Inter Reach 5 to Matija Reservoti<br>Matija Reservoti<br>Atom Reach 5 to Matija Reservoti<br>Matija Reservoti<br>Atom Reach 5 to Matija Reservoti   | Vehitaa River Reach 1 (Ventura River Estuary to Nein St.)  | a de la companya de<br>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),<br>se Vista Rid Io Sam Antorio Creek<br>Idonio Creek to Carimo Coleto Rid)<br>Her Raach 4 to Lich Creek)<br>In Creek<br>Carimo Celo Rid)<br>a Ruer Reach 5 to Madija Reservol 1<br>Madija Reservol 2<br>Madija Reservol 2<br>Ma   | Ventura River Reach 2 (Main St' to Weldon Canyon)  |   | 18070101010105                    | Ш.                       |                          | E                          |   |
| Al Cariyon to Castres Vista Fid.),<br>sa Vista Rul to San Antonio Creeky<br>atono Creek to Canino Calo Pan)<br>Mer Raach 4 to (Lan Creek)<br>Mer Raach 4 to (Lan Creek)<br>Camine Celo Ru)<br>a Ruer Reach 5 to Marija Reservolj<br>Malija Reservolj<br>Malija Reservolj<br>As sequited  | Cariada Langa  |   | 180701010106                      | -                        |                          |                            | and the second second second  |
| n Cargon to Caentas Wale Rid ),<br>as Vista Rid to San Antonio Greek<br>atonio Creek to Carinto Osée Rid )<br>inter Reach 4 to Lion Creek)<br>in Creek<br>in Creek |  |   | 18070101010105                    | Nizera                   |                          | ш                          | 補助の   |
| in Caripon to Casitas Wate Rd)<br>se Vasa Rd. to San Antono Creek<br>atono Creek o Canino Ode Rd.)<br>iner Reacht to (ton Creek)<br>in Creek<br>n Creek<br>a Ruer Reach 5 to Matija Reserveit<br>Matija Recervoit<br>ka  | Lake Casilias fiftingaties<br>A micro of the second structure and the second      |   | 18070101010105                    | ដា                       | ******                   | ш                          |   |
| se Vista Rid. Io San Anhonio Creeki<br>atoono Creekio Camino Celo Rul)<br>Iver Reachi 4 to Licni Creeki<br>In Creek  | Ventura River, Reach 3 (Weldon Canyon to Castas: Nota Rd)  |   | 1807/01010106                     | Ú,                       |                          | Щ                          |   |
| atomo Creek to Camino Celo Rai)<br>Net Reach 4 to (Lon Creek)<br>n Creek<br>n Creek<br>a Twer Reach 5 to Metija Reservcit<br>Malija Recennoj<br>k  | Ventura River Reach 4 (Casitas Visia Rd. Io San Antonio Creek)   |   | 180701010106                      | ш                        | ettemin                  | ш                          |   |
| her Resolt & to Lion Creek)<br>n Creek<br>Carmo Celeb (Rd.)<br>a Florer Reach 5 to Metilja Reservoid<br>Medija Reservoid<br>Ka   | Vertura Rover Reach 4 (San Antonio Creek to Camino Cielo Rct)  |   | 180701010104                      | Ľ                        |                          | Ē                          |   |
| iver Reacti 4 to Lixin Creek)<br>n Creek<br>Carrino Clebo Rat )<br>a Faver Reach 5 to Mettija Reservorit<br>Matija Reservori )<br>kanservori )<br>as required  | Countie Creek<br>Designed and the second sec                 |   | 180701010105                      | a.                       |                          |                            |   |
| n Greek)<br>Cammo Cielo Raj y<br>a Rucer Reach 5 to Metilja Reservort<br>Metilja Preservort<br>A   | San Antonio Create (Nentura River Reach 4 to Lion Creek)   |   | 180701010106                      | Ш<br>М                   |                          | Щ                          |   |
| Commo Celo Ruj<br>a Ruce Reach 5 to Manja Reservoit<br>Manja Reservoit<br>A<br>s required  | San Antonio Creek (aboue Lion Creek)   | Bellevis Steve Confidence on Concerning Street and a reading station  | 180701010103                      | ١IJ                      |                          | ш                          |   |
| Carmo Celo Ruj<br>a Ruce Reach 5 to Madja Reservoit<br>Madja Reservoit<br>k<br>as required   |  |   | 180701010103                      | $\sim 1$                 |                          |                            | 御い来の変   |
| Commo Celo Rej )<br>a Ruer Reach 5 to Media Reservoit<br>Media Reservoit<br>k<br>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<br>a Ruce Reach 5 to Matija Reservoit<br>Matija Reservoit<br>K<br>As required.  |  |   | HILININI                          | ار<br>م                  |                          | Ц.                         |   |
| a Ruer Reach Sto. Medija Reservcit<br>Malija Reservcit<br>Malija Reservcit<br>K<br>storeti<br>as required.   | ujai weisau<br>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<br>As required   | interange of och interact ( ) (cannot have interacted and )<br>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<br>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.<br>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<br>resignations may be considered for exemption at a later date (See page |   | e Lemited public<br>Water contact | : access p<br>recreation | recludes<br>real activit | the and                    | lization.<br>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 <sup>2</sup>   | VIED No.   | RECH          | LRFC-  | REC2      | High Flow<br>Suspension  |
|--|--|---------------|--|-----------|--|
| SANTA CLARA RIVER WATERSHED  |  |               |  |           |  |
| Sartia Clara River Estuary (Ends a Harbor Blyd) <sup>5</sup><br>South Chan Bion Connel 4   | 180701020904   | e<br>e        |  | W         |  |
| oania claa a river meesin i<br>Saata Clara River (Estuary lo Higi way 101 britge)  | 180701020904   | E<br>E        |  | Ľ         |  |
| Santa Clara River Reach 2<br>Santa Clara River (Hichway 101) bridge to Elisworth Bananca)  | 120701020504   | É C           |  |           |  |
| Sarta Clara River (Elevorth Barranca to Freeman Diversion)<br>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<br>Ц        |  | ш         |  |
| oarus cuara wwer (Sespe creek to A Sreek, Humote)<br>Sanha Chara River Reach 4A  |  | e<br>B        |  | ш         |  |
| Santa Clara River (A. Sitreel, Filmore to Pritu Creek)<br>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)<br>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<br>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<br>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<br>U    |  |
| Serge Creek (Pietica Blanca Creek to Pottero Jahra Creek)  | 180701020702   | ų             |  | W         | and a second   |
| Searts Press Riceck (above Pottern John Creek)<br>Scarts Press River Reach 11  | 180701020701   | u.            |  | W.        |  |
|  | 180701020603   | U             |  |           |  |
|  | 180701020602   | i u           |  | u<br>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)<br>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)<br>Contract waterschen (Contraction)<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Contractions<br>Co | I AUTO 2-12. DOUTORNIAL USOS UL ERIMINI, OMITANO W ALVIS (L'URININOL).   |                      | Ì   |   |                  |  |
|--|--|----------------------|---|---|------------------|--|
| etc)<br>errol<br>SP-LT3. Some<br>2-3, 4 for  | WAT ERSHED <sup>a</sup>  | WED No.              |   | REC-1 RI  |                  | 1): Flow<br>pension  |
| e6()<br>emb)<br>S9-L33. Serric<br>2-3, 4 for   | SANTA CLARA RIVER WATERSHED (Cont.)  |                      |   |   |                  |  |
| een)<br>S9-U3. Some<br>2-3, 4 for  | Sespe Creek (Santa Clara River R3 to gaging station below Little Sespe Creek)  | 180701020706         | E   |   | E                |  |
| emb)<br>B9-LB3. Some<br>2-3, 4 for   | Timber Check   | 180701020703         |   |   | Ē                | Activity designed of the second s   |
| em)<br>S9-U3. Some<br>2-3, 4 for   | Trut Creek   | 180701020703         | ,<br>M  | 1   | Ш, П             |  |
| am)<br>S9-U3. Some<br>2-3, 4 for   |  | (18070102070G)       |   |   | E State          |  |
| am)<br>S9-U3. Seme   |  | 180701020702         |   |   |                  |  |
| emo)<br>SP-U3. Seme<br>2-3, 4 for  |  | 180701020702         | in the second   |   |                  |  |
| end<br>S9-U3. Some<br>2-3, 4 for   | 2.98   | 180701020702         | A<br>A  |   | 101 ()<br>101 () |  |
| am)<br>S9-U3. Some<br>2-3, 4 for   | John Linex   | 180/01020/01         |   | 2055  | n iii            |  |
| 89-U3. Seme<br>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<br>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<br>2-3, 4 for  | and the second   |                      |   |   | -                |  |
| 89-U3. Seme<br>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<br>2-3, 4 for  | Mint Canyon Creek Reach 1 (Santa Clara River R710 Rowher Canyon)   | 180701020106         | <b>W</b>  | 17,000  |                  |  |
| 89-J3. Seme<br>2-3, 4 for  | i Matt Canyon Creek Reach 2 (2004e Kowher Canyor)<br>A sint rist must be an  | 180701020106         | and   |   |                  |  |
| 89-13. Seme<br>2-3, 4 for  | neta ruka vanua orani olara olara olara mora non nuka nuko olanga nuko<br>Maua Dube Canvon Creek (above Escondido Camon Rd )   | 180701820104         |   |   |                  |  |
| 89-13. Same<br>2-3, 4 Jor  |  |                      | e e e   |   |                  |  |
| 89-03. Same<br>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<br>2-3, 4 for  |  |                      | ii) u   |   |                  |  |
| 89-03. Some<br>2-3, 4 for  |  | ootnotes are con     | sistent for   | al benefi   | cial use is      | thes.  |
| 89-03. Some<br>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<br>2-3, 4 for  |  | ributaries to the in | ndicated v  | vaterbody   | if not list      | ed separately.   |
| 89-13. Some<br>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 <sup>a</sup>   | WED No.  | RECI  | LREC-3   | RECT                      | High Flow<br>Suspension  |                                 |                        |                      |                       |          |   |
| CALLEGUAS CONELO CREEK WATERSHED   |  |   |  |                           |  |                                 |                        |                      |                       |          |   |
| Calleguas Creek Estuary <sup>e</sup>   | 180701050107   | Ē   |  | ω                         |  |                                 |                        |                      |                       |          |   |
| Caffeguas Creek Reach 1<br>Magu Lagoon   | 180701020102   | PB<br>B   |  | ш<br>Ш                    |  |                                 |                        |                      |                       |          |   |
|  |  | Ľ   |  | ÷                         |  |                                 |                        |                      |                       |          |   |
|  | 34070307040707   |   |  | ie                        |  |                                 |                        |                      |                       |          |   |
| Calleguas Creek Reach 4  |  |   |  |                           |  |                                 |                        |                      |                       |          |   |
| Revolon Slough (Calleguas Creek Roh 2 to Pleasant Malley Rot)<br>Peruhim Storich (Dieseard Value Rd In Central Ave.) (467244-40474 |  | 255   |  | ш u                       |  |                                 |                        |                      |                       |          |   |
|  | 8(99)<br>8(77  | <u>ि</u><br>र्ग                                   |  | u                         |  |                                 |                        |                      |                       |          |   |
| (above Central Ave.)   | 180701030105   | s 22  | <u></u>  |                           | and the second second second   |                                 |                        |                      |                       |          | ÷ |
| Languas unextrearation<br>Antono Las Possas (Dellemas Oreak Roh 3 to i onn Gammer)   | 18/17/3 10/2/13  |   |  | Š.                        |  |                                 |                        |                      |                       |          |   |
|  | 180701030103   | n<br>M  |  | n n<br>M                  |  |                                 |                        |                      |                       |          |   |
|  |  | and the second second                             |  |                           | and the second |                                 |                        |                      |                       |          |   |
|  |  |   |  |                           |  |                                 |                        |                      |                       |          |   |
| Autovo Simi (Pastro) vanto vargon to Alance vanjon)<br>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)<br>Calibruas Drook Possih os   | 180701030101   |   |  | 1                         |  |                                 |                        |                      |                       |          |   |
| a Diversion to Camarillo Rd 1  | 180701030105   | ц<br>Ц  |  | <u>ц</u>                  |  |                                 |                        |                      |                       |          |   |
| Conepo Creek (Camanilo Rd. to Arooyo Santa Rosa)   | <u> </u>   |   |  | 1924                      |  |                                 |                        |                      |                       |          |   |
| Calleguas Creek Reach 98<br>7. Cremen Creek Reach 98   | 19070002005  |   |  |                           |  |                                 |                        |                      |                       |          |   |
| 10 States Creek Reach 12   |  |   | ******   | u,                        |  |                                 |                        |                      |                       |          |   |
| oth Fort Arroyo Corejo)  | 180701030105   |   |  |                           |  |                                 |                        |                      |                       |          |   |
| ocareguas creats reason 11 (Arroyo Sana Rosa)<br>Arroyo Sania Rosa (above confl with Conejo Creek)                                 | 180701030105   | 411.6555966                                       |  |                           |  |                                 |                        |                      |                       |          |   |
|  |  | enerse see  |  |                           |  |                                 |                        |                      |                       |          |   |
|  |  | Ц<br>Ц  |  | IJ,                       | and the second   |                                 |                        |                      |                       |          |   |
| A. S.  | 200  |   |  |                           |  |                                 |                        |                      | ,                     |          |   |
| Gilibrard Canyon Creek (Tapo Canyon Creek to Windmill Canyon)<br>Gilibrard Canyon Creek (Archae Marimili Canoon)                   | 180701030101   | 1   |  |                           |  |                                 |                        |                      |                       |          |   |
|  | 180701030102   |   |  | ្រុ                       |  |                                 |                        |                      |                       |          |   |
| E: Exvirting beneficial use<br>P: Potential braneficial use<br>E. P. and F. Stall be protected as required.                        | Footnotes are consistent for all beneficial use trables.<br>Footnotes are consistent for all beneficial use trables.<br>a. Waterbodies are listed multiple times if they cross hydrologic area or subarea boundaries. Beneficial u<br>tributaries to the indicated waterbody, if not listed separately.<br>C. Coastal waterbodies which are also listed in Coastal Features Table (2-3) or in Wetlands table (2-4) | tent for a<br>listed mul<br>cated war<br>es which | I benefic<br>tiple tim<br>terbody,<br>are also | it not it the             | tables.<br>Sy cross hydro<br>isted separatel<br>t Coastal Feat   | låogic are:<br>Jy<br>Tures Tabl | a or suba<br>e (2-3) e | rea bour<br>r in Wet | ndaries.<br>lands taf | Benefici |   |
|  | as reverse to currently and contained on and narry, swattlanding is promotion<br>of Whenever flow conditions are suriable.<br>r. Public access prehibited by Calleguas MWD.  | inditions :<br>ibited by                          | are strita<br>Caflegue                         | te Navy<br>ble.<br>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 <sup>2</sup>   | SA COM                    | <u>, c</u> | ču<br>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.<br>۵                  | u  | Control of the contro |  |
| Dune Lagoons  | 180701040203  | Ш.                       | ш<br>Х   |  |  |
|   | -<br>Marian   | ω.<br>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<br>  | -  |
| Carbon Caryon Ereck   | 180701040403  |                          |  |  |  |
| Las Fisces Carpon Creek   | 180701040406  |                          | •***   |  |  |
| Pledia Corte Caryon Creek   | 180701040405  |                          |  |  |  |
| Pers Carron Creek.  | 180701040433  |                          | 5550.<br>  | 991390   |  |
| Turas Canyon Creek  | 180701040403  |                          |  |  |  |
| itoranga Lagoon <sup>c</sup>  | 150701040401  |                          | າມ<br>   |  | ·  |
| Toparga Carson Creek  | 180701040401  |                          |  |  |  |
| Set A to a start of the set of |   | 1                        | ш  |  | -  |
|   |   | ă                        | ш  |  | -  |
| Santa Monica Canyon Channel   | 180701040402  | Ps<br>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<br>Marbadol ste  | saururoaunu<br>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<br>  | 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<br>13  | s. Access prohibited by Les Angelies County Department of Public works.<br>n' This recentris is covered and thus inaccessible | by Less Ar<br>Werred and | igeles Coa   | unty Department<br>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<br>Suspension  |  |
|---|--|---|-------------------------|---|--|
| MALIBU CREEK WATERSHED  |  |   |                         |   |  |
| Atalitu Lagoon *<br>Matibu Creek  | 180701040104<br>180701040104                             | шШ                                      |                         | U.S.  |  |
| Cold Creak<br>Las Virgenes Creak  | 180701040104   | ANTICOMAGE                              |                         | ա <b>ա</b>  |  |
| Century reservoir<br>Malicou Lake   | 180701040104   | шш                                      |                         | ມ <b>ເ</b> ມ  |  |
| Medea Creek Reach 1 (Malibou Lake to Lindero Creek Reach 1)<br>Wedea Creek Reach 2 above tindero Creek Reach 1)   | 180701040102<br>180701040104                             | £ £                                     | 44                      | C 97/3  |  |
|   | 180701040162   | 100000000000000000000000000000000000000 |                         |   |  |
|   | 180701040101   | 22030553555                             |                         |   |  |
| Triuming Creek Reach 2 (Lobo Canyon to Westlake Lake)<br>Westlake Lake  | 180701040104<br>180701040101                             | ξu                                      |                         | с<br>   |  |
| Editera Valey Creak   | 180701040101   |   |                         |   |  |
| Lake Eksanor Creek<br>(Lahe Beanor  | 180701040101<br>180701040101                             |   |                         | #<br>   |  |
|   | 180701040101   | òssuus                                  | sugar and a sugar sugar | <u>ш</u>  |  |
| Hataten Vallery Citraak<br>Lizike Sherwood  | 180701940101<br>180701040101                             | Ш                                       |                         | ·** Ш   |  |
| BALLONA CREEK WATERSHED   |  |   |                         |   |  |
| Bellona Creek Estuary (excis al Centinela Creek) <sup>a.</sup>  |  | ц,                                      |                         | Ш.  |  |
| Balona, Lagony Veniko Canals ?<br>Delivere tvietnese 5  | 80   | ш<br>ш                                  |                         | ш <b>т</b>  | •  |
| caluta welatas<br>Del Rey Lacoon*   | 180701040500   | ш<br>Ш                                  |                         | ш<br>Ш  | -  |
| Baliona Creek Reach 2 (Estuary to National Bivd.)<br>Deficience Reach 2 (Estuary to National Bivd.)   |  | Ps,au                                   | Ш                       | Ш<br>Д  |  |
| DOMINE CLOCK REACH A (LACOVE VALIDAE DIVE)<br>LOS CERRITOS CHAMNEL WATERSHED  | MONTOLO  | 180.SL                                  |                         | E Yav   |  |
| Los Centros Wetlands *  | 180701040702   |   |                         | E   |  |
| Los Centics Channel Estuary (Ends at Azaheim Rd.) <sup>c</sup><br>Sins Pond   | 160701040702<br>160701040702                             | ហ្លឹ                                    | alis meterili           | шй  |  |
| ne de la construction de la constru<br>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.<br>* 6 stariebod MENN decimentions are destimated under CB 30.62 and DD 90.02 forma - fo  | Coastal waterboo   | Hes which                               | are also<br>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<br>ed by Los ,               | Angeles                 | uriounidang watersor<br>S County Departmen                            | a. Tuest actors at routed and us sufficienting wardshou is prodokted by los Angeles Courry Upparanent of Public Works.<br>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<br>regulated under the REC-1 use in the Basin Plan, or the associated bacteriological<br>objectives set to prudect those activities. Rowever, water quality objectives set to protect<br>other REC-1 uses associated with the fishable social as extremestod in the Facherbi Clan  | w. I Incoc areas are c<br>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<br>estuaries.  |
| Water Act section 1010(a)(2) shall remain in effect for waters where the (au) footnote appears.<br>Water Act section 1010(a)(2) shall remain in effect for waters where the (au) footnote appears.<br>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-<br>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.<br>d with the swimm<br>and the associated           | lable goal<br>Forteriols                | as expri<br>nimit ni    | sssed in the federal financia   | Clean Water Act section 101(a)(2) and regulated under the REC-1 use, non-<br>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 <sup>2</sup>   | VISO No.  | Rect         | LREC-1   | RECO   | High Flow<br>Suspension            |
|--|---|--------------|--|--|------------------------------------|
| DOMINGUEZCHANNEL WATERSHED   |   |              |  |  |                                    |
| Dominguez Channel Estuary (Ends ar Vermont Ave.) <sup>cor</sup><br>Dominguez Channel (Estuary a 155h St.)<br>Dominguez Channel (estuary a 155h St.)  | 180701060102<br>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<br>Yev                         |
| Compton Crieda   | 180701050404  | Es           | Sector Sector  |  |                                    |
| Los Angeles River Reach 2 (Carson St. to Rio Hondo Reach 1)  | 180701050404  | ม้า          |  | Ш.<br>Marine<br>Marine   | È.                                 |
| Los Augens rover reach 2470 77400 Keapil ac farenda Sul.<br>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)<br>Demonstrations - Missional Company   | 180701050402  | E            | 1.000 State Stat   | Ш  | Yav                                |
|  | 160701050403  | E            |  |  | Ş                                  |
| Rubo Canyon  | 180701050401  |              |  |  |                                    |
| Eators Wash<br>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<br>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<br>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)<br>Leas ricement Charoel   | 180701050207<br>380701050207  | E G          | THE RELIGES  | 1<br>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<br>d. 3 imiteat sublim conser anzoluciae 9:41 utilimetica |              | all wheel  |  | se laures.                         |
|  | u. animiera puerse access ja canues mula dana dan<br>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 <sup>#</sup>  | WBD Nr.  | 2<br>2<br>2<br>2<br>2  | S<br>S<br>S<br>S<br>S<br>S<br>S          | 2<br>2<br>2 | High Flow<br>Suspension              | · · · · · · · · · · · · · · · · · · ·   |   |
|---|--|--|--|-------------|--------------------------------------|---|---|
| LOS MORIES RIVER WATERSHED (cont)   |  |  |  |             |                                      |   |   |
| Dursmane Canyon Creek   | 180701050207   | \$<br>\$6  | 10 10 10 10 10 10 10 10 10 10 10 10 10 1 | 4           |                                      |   |   |
| Dulutian Western Lawrence and Creek   | 180701050208   | 1911 - 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)<br>Bin Traence Convert Creek Jahwas Bin Triemcia Reservatio  | 180701050105   | e al   |  | шЦ          |                                      |   |   |
|   | 180701050103   |  | 100 100 100 100 100 100 100 100 100 100  | ц.<br>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<br>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<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>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<br>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 <sup>y</sup>   | 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 <sup>2</sup>   | WED No.   | EC E                                  | REC-4 REC-              | 2 High Flow  | 100   |
|--|---|---------------------------------------|-------------------------|--|---|
| LOS MARLES RIVER WYTERS/ED (cont.)   |   |                                       |                         |  |   |
| ISOLATED LAKES AND RESERVOIRS.<br>1995: Rock Rock Prosense:<br>1995: Rock Rock Rock Reservoir  | \$  |                                       | CHINA CALING            | and of the second s |   |
| con use<br>E Dendo Lakes<br>Eystan Reservoir   | 15070105060606<br>1507010506066<br>180701050403   | . ພ <del>ດ</del> ັ                    |                         |  |   |
|  | 180701050205  | şinneşi çi                            |                         | (W W   |   |
| Lincoin Park Late Silver Reservoir<br>Silver Lade Riccordin<br>Toluxa Lade Riccordin   | 180701050403<br>180701040200<br>187701050706  | o č d                                 | шЩч<br>                 |  |   |
| SAN GABREL RUER VATERSHED  |   | -                                     |                         |  |   |
| San Gabriel River Estuary (Entos as Willow St.) 5**<br>Covote Creek (San Gabriel River Estuary to La Crandol Vercle Creek)   | 180701060806  | w £                                   | ш-<br>-                 |  |   |
| (coveté: Creek (atoose) a Canada Varde Orek).<br>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).<br>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)<br>10)<br>10)  |   |
|  | 180701060303  | <u>,</u><br>1                         | ш.                      |  |   |
| Saur Gabriel Rher, Reach 3 (Virilian) Harring to San Juge Creek to<br>San Gabriel Rher, Reach 3 (San Jude Creek to Ramona Bhd)   | 180701050601  |                                       |                         | 197<br>197   |   |
|  | 180701060502<br>180701060501  | Eđ                                    |                         | Yav  |   |
|  | . 10  |                                       |                         |  |   |
| in the second  |   | CELEVISSO (CE                         | iiiiiiiiiiii            |  |   |
|  | 180701060402<br>180701060402  | č e                                   | -                       | and the second second  |   |
| Brownesh and the second s | 10  | 1997<br>1997                          |                         | i ta   |   |
|  | 180701060402  |                                       |                         |  |   |
| ពី<br>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<br>San Dintas Canyon Creek   | 180701060401<br>180701060401  | č W                                   |                         |  |   |
|  | 180701060401  | w u                                   | E                       |  |   |
|  | 180701060402  | Lω                                    | 1 Ш (                   |  |   |
|  | 180701060402  |                                       | <b>34</b> , <b>34</b> , |  |   |
| Uve Dat Reservor.<br>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<br>F. P. and F. shall he motorted as received   | u: Thus reservoir is covered and thus maccessible<br>                                   | 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.<br>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<br>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<br>5<br>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)<br> 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<br>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<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примения<br>Примен | 0.000 00000000000000000000000000000000  |
|  | CURRENT INDUCUS                     |   |                           |  |   |
| Treat Control Control (Active) (Active) (Active)   | Jeuru Jookeuk                       |   | State State State         | ц<br>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<br>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<br>П<br>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<br>U  |                           | U.   | and the second second   |
| SAN ANTONIO CREEK MATERSHED **   |                                     |   |                           |  |   |
|  |                                     | SUN UNION INCOMENDATION   |                           |  |   |
| san Heroro Liam And Reservor<br>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<br>K   | S<br>S<br>S<br>S<br>S<br>S   | High Flow  |
|  |  |            |  |  | SUSpension   |
| VENTURA COUNTY COASTAL FEATURE"  | WBD NO.  |            |  |  |  |
| Nears for A  |  | ш          |  | w  |  |
| Offishere Zone   |  | E          |  | W  |  |
| Rincon Beach<br>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)<br>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<br>U     |  | L<br>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<br>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   |
| <sup>A</sup> : 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<br>2<br>2<br>2 | Ц<br>Ц                                | 12<br>22<br>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<br>Ш           |                                       | ш              |  |
| Ballona Creek Estuary c. w  | 180703040200   | ш                |                                       | ш              |  |
| Balkona Lagoon Wence Carads c   | 180701040502   | ŵ                |                                       | w              |  |
| BERGIO WELLERS &<br>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<br>N           |                                       | w              |  |
| DOCKREER BEDING<br>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<br>1 2017 - 201<br>2017 - 201<br>2017 - 20 | 180701040601   | ш                |                                       | ш              |  |
| Torrance Beach  | 1000H0102081   | Ē                |                                       | Ē              |  |
| Port Accesse Bearing<br>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<br>11                       |  | ដ្ឋ  | High Flow  |
|---|--|--|-------------------------------|--|--|--|
| Areas Areas                                   |  | 2015 APR25   | ***                           |  | i<br>X   | Suspension   |
|   | BILET FEATURE (CONT)   | WED NO   |                               |  |  |  |
| LOS ANGELES COUNTY OF                         |  | 180701040601   | u.                            |  | ш  |  |
| 3.15  |  | 180701046302   | យ                             |  | ш<br>ш   |  |
| Whiles Point County Beach annex               |  | 180701040602   |                               |  | ш  |  |
| Cabrillo Beach                                |  | 180701040602   | ų,                            | 1094   | ELLI   |  |
| Los Angeles - Long Beach Farina               |  | 180701040602   | ш                             |  | ÷  |  |
| stocr<br>stocr                                |  | 180701040602   | 111                           | 1.00   | LLI  |  |
| Ana   |  | 180701040602   | Ġ.                            |  | С<br>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<br> <br>  11]  |  |
| Putric Beach                                  |  | 180701040600   | d                             |  |  |  |
| At other Areas                                |  | 180701040600   | ш<br>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<br>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<br>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                | -<br>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<br>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 <sup>a</sup>  | WBD No.  | RECI                            | LREC-4 REC2                          | REC                                  | High Flow<br>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<br>s                     |
| Mogu Eageon c   | 180701030202   | R                               |                                      | Ш.<br>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.<br>a: Waterbodics are listed multiple times if they cross hydr<br>tributaries to the indicated waterbody, if not listed separate | tent for<br>listed m<br>ficated | ail bene<br>altiple f<br>waterboo    | ficial us<br>innes if a<br>fy, if no | e tables.<br>Rey cross hyc<br>I listed separa  | 1 🖓 🗳                          |
| F. Fotentiat beneficial use<br>E intermittent beneficial use<br>E.P. and f. shall be protected as required. | c. Coastai waterbodies which are also listed in inland Sur<br>d. Linnized public access precludes fall utilization.<br>n. Area is currently under control of the Navy: swimming.         | dies whi<br>coess pu<br>under o | ich are a<br>sellades l<br>omtroi of | lse liste<br>feil utifi<br>f the Na  | f in inland Su<br>zation.<br>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<br>サ<br>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<br>W                                       | і.<br>Ш                      |   | 1994-45<br>2012-07   |  |                               |   | ****                                     | 102160   |
| 43.02  | Lower Vertura                                  | ő.                              | φ.   | Ġ,   | m                            |   | 989149<br>039044   |  | ш                             | ш   | ш<br>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<br>100800   | Gillibrand Basin   | ш                             | Ċ.  | ш  |  |
| 44.00  | Oxrand Floreher                                | <del></del><br>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   | ,<br>,                                       | 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<br>Ш                                  |  |
|  |  |                                 |  |  |                              |   | - 10 A   | Hollywood  | E.                            | щ   | ш<br>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<br>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<br>Ш                                   | <del></del>  |
| 4  | West of Peck Road                              | u                               | ш  | ц.   | ш                            |   |  |  |                               | маяна<br>Ш  | ш  |  |
| 10<br>7  | Filmere  | I                               | I  | <br>I  | 1                            |   |  |  | E                             | т<br>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<br>19   | Topa Topa (upper Sespe) area                   | á.                              | ш  | ci.  | ш<br>                        |   | 7<br>9<br>1<br>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<br>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<br>Ш                                    | <br>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<br>,                          | Ш  |  | ntiten<br>LL                 |   | 8 8  |  | Ū.                            |   |  | 100000000000000000000000000000000000000  |
|  | Booduet and San Franciscuite Carvons           | IШ                              | . Ц  | ібалон<br>I Ш                                | жээс<br>                     |   |  |  |                               | SULES USE MUSE  | E  | N. M. H. W.  |
| 20   | Costain Vamou                                  | 1 11                            | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  | ncikos<br>J                                  | 1 ()<br>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<br>J                                  | anai<br>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<br>  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/   |
| ) :<br>} :   |  | <br>Ц і                         | 11 I   |  |                              |   | 1971.42  | COUNTRIES NOT AVENCE   | a vita a dar dar da           |   |  |  |
| 4 I  | Loper Bounder Canyon                           | Ш                               | ē. 1   | а<br>1.                                      | in<br>I                      |   | · Consultation of the second   |  | North Contraction             |   | Section 201                              | N. P. D. M. C. S. N. N.  |
| \$   | Green Valley                                   | ш.                              | ۵.<br>۵,   | шт.<br>А                                     | ŵ                            |   | <del>7.</del> .  |  | á.                            |   |  | 10000  |
| 4  | llæke Efizabeth - Lake Fughes ærea             | *<br>1                          | چ<br>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<br>†   | 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.<br>  |  |  |
| 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 <sub>7</sub> 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 <sup>a</sup><br>Officinger Zmee  |  |   | ш  |                       | шр   | <u>ш</u> ,  | шì   |  |                               | ш.ı   | ш I   | æ  | យ៉ា   | ដោ  | ш                      | ш  |   |
| Rincon Beach   | 180701010201   |   |  |                       | а<br>Ц<br>Ц  | <b>小田</b><br>家<br>家   |  |  |                               | 11 u.   | U II.   |  | 8   | ញ ដ   |                        | i<br>Lui u   |   |
| Q  | 180701010106   |   |  |                       | E.   |   | 875  |  |                               | E S   |   |  | E.  | L<br>L  |                        |  |   |
|  | 180701010202   |   |  |                       | ш  |   | LU.  | -  | the state of the state of the |   | ш   |  | 1. 2.20 million   |   |                        |  |   |
| Ventura Nama S   | 180701010904   |   | È.                                       |                       | Ш.<br>Ш  | u<br>S  |  |  |                               | E.  | Ш   |  |   |   |                        | E State  | NULL CONTRACTOR                           |
| Senta Clara River Estury c   | 180701010904   |   |  | manai                 | ш  | 144   |  |  | ш                             | ш   | ш   |  | 3   | ŭ   | ŭ                      |  | L<br>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<br>                         | 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<br>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<br>Ц  |  |  |                               |   |   |  | eu<br>U   | No. No. of Concession, No.  | 0                      |  |   |
| Ormond Beach Weilands c  | 180701010202   |   | AGELUS.                                  |                       | -  | )<br>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<br>()<br>()<br>()<br>()<br>()<br>()<br>()<br>()<br>()<br>()<br>()<br>()<br>() |  |  | E C                           | E E   | EP  | u<br>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  |  |   |  |                       |  | ***<br>   |  |  |                               |   |   |  |   |   |                        |  |   |
|  |  |   | ш  |                       | w  | ш   |  |  |                               | ш   | u.  | E%1  | ů   | Ŀ,  | ā                      | L<br>L<br>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><br>[ш   | נ <b>ווו</b><br>גער<br>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                                  |
| •<br>•<br>•<br>•   |  |   | <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<br>Ш       |   |            |           | ш         | Ш           |   |                   |  | đ   | E          |   |
| Waltur Beacts<br>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<br>Ш   | Ϊ   |            | E   |
| Carbon Bearin<br>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<br>N        | ۱ů<br>N      |   |            |           | ш         | Ψ           |   |                   |  | р.  | ш          |   |
| Las Flores Beach  | 180701040502        | and the second s |                   |  | u,            | ω<br>·····   |   |            |           | ш         | ιμ          |   |                   |  | <b>Ċ.</b>   | Ш          | and an and a second  |
| Las Tunas Beach   | 180701040502        |  |                   |  |               | ш            |   |            |           | ш         | ш           |   |                   |  | 0.  | j<br>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<br>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<br>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        |  |                   |  | <br>ш         | ш            |   |            |           | Ψ         | Ш.          |   | Ē.                |  |   |            |   |
| All other Areas.  | 180701040502        |  | c***556           |  | <br>W         | ш            |   |            |           | ш         | w           | and the second se | ш                 | S CONTRACT OF CONTRACT |   | E C        | in of Law Tell Parameters   |
| Entrance Ottamed  | 180701040502        |  |                   |  | <br>Ш         | ш            |   |            |           | щ         | ш.          |   | E<br>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<br>u        | ш            |   |            | μ         | w         | w           |   | Ľ                 | EF   | ц<br>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<br>Ц            | Ē  | 日   |            | Ш<br>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<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B<br>B  | щ          | All market for the second second  |
| King-Harbos   | 180701040601        |  | ш                 |  | u.            | Ш            |   |            |           | IJ        | ш           |   | ĥ                 |  |   |            |   |
| Redundo Beach   | 180701040601        |  | <br>Ш             |  | ш             | ш            |   |            |           | щ         | ŵ           |   | ш                 | ш  | SS<br>SS  | u          |   |
| Torrance Beach  | 180701040601        |  |                   |  | <u>.</u><br>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.<br>       |   |            |           | w         | ш           |   |                   |  | ¢.  | E.         |   |
| *: This list may not be all inclusive. More areas may be added as inform  | be addeti as inform | ation  | -   <sup>14</sup> | 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<br>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><br>1  |                              |  | STATISTICS IN  | Contraction of   | L COLOR     |   |  | 1000 1000 1000 1000   | u<br>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<br>                        |  |  |  | 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<br>1                      | 1000000 1000000 100000 10000000                                  | Machanine St   | u  | u           | Ξ   | Statutes Manager   | a<br>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<br>M                                  | South States and States                  | ц<br>Ц   | u                            |  |  | Ш  |             | ш   | 654554   | ш                     |  |   | la.i  | w   |
| Los Centos Wetlands c   | ×180701040600      |  |   |  | ш<br>Ш   | ш<br>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<br>LU   | U<br>A                       |  |  | Ц  | L)          | Ш   |  | d1                    | ÷1   |   | 0   | Contraction of the second   |
| Anna Rassin Mathia  | ADRAMA ANDRAM      |  | Sector Manufactor                       | 1999<br>1997<br>1997<br>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<br>   | 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)<br>(1)<br>(1)<br>(1)<br>(1)<br>(1)<br>(1)<br>(1)<br>(1)<br>(1)<br>(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<br>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<br>11  | and an and an an and the second se   |
| ban clenene slam  | 380/010/004        |  |   |  | 200<br>14  | Ш<br>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 <sup>1</sup>        | 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<br>PPOC ace Cirk Firsh INW POW COMM ACOL BOARD<br>PPOC ace Cirk Firsh INW POW COMM ACOL MARK COLD SAL EST INF INTE BIOL RARE<br>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<br>ե. մ  |    | យ<br>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<br>ب<br>ب<br>ب<br>ب  |    | ເຊັ ນ<br>ມີ<br>ມີ                               | 3          | e<br>U |   |  |
|  |  | i<br>Salest   |                             | ш        |   |  | ш.<br>Ц.   | iш | LU LL   |            | 121    |   | neficial nea tablee  |
| <u><u> </u></u>  | <u><u> </u></u>  | eles Regional Water Quali<br>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<br>Andraw<br>Andraw<br>Andraw<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew<br>Andrew | and no bee  | 100 State 1 State 1 State 1 | 901      |   | 202<br>202<br>202<br>202<br>202<br>202<br>202<br>202<br>202<br>202 | 103<br>103<br>103<br>103<br>103<br>103<br>103<br>103<br>103<br>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)<br>bgce@nossaman.com   |  |
| 2   | JILL JAFFE (SBN 286625)  |  |
| 3   | jjaffe@nossaman.com<br>NOSSAMAN LLP  |  |
| 4   | 777 South Figueroa Street, 34 <sup>th</sup> Floor  |  |
| 5   | Los Angeles, California 90017<br>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.<br>GUTZLER IN SUPPORT OF PETITION |
| 14  | FOR REVIEW OF THE CALIFORNIA<br>REGIONAL WATER QUALITY CONTROL   | GUIZLER IN SUPPORT OF PETITION<br>FOR REVIEW               |
| 15  | BOARD, LOS ANGELES REGION'S  |  |
| 16  | FAILURE TO ACT ON PETITIONER'S<br>REQUEST FOR SITE CLOSURE   |  |
|     |  |  |
| 17  | ματά δε στο το το ποστατορισμό. Το ποστατορισμό το 7,200 το ποστατορισμό μετατορισμό το προστορισμό το ποστορι<br>Το ποστ<br>Το ποστατορισμό το ποστατορισμό το ποστατορισμό το 7,200 το ποστατορισμό μετατορισμό το προστορισμό το ποστατορ<br>Το ποστατορισμό το ποστατορισμό το ποστατορισμό το 7,200 το ποστατορισμό μετατορισμό το προστορισμό το ποστατορ<br>Το ποστατορισμό το ποστατορισμό το ποστατορισμό το 7,200 το ποστατορισμό το ποστατορισμό το ποστατορισμό το ποστ<br>Το ποστατορισμό το ποστ<br>Το ποστατορισμό το ποστατορισμό το ποστατορισμό το ποστατορισμό το ποστατορισμό το ποστατορισμό το ποστατορισμό<br>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<br>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<br>11<br>12<br>Robert Q. Gutzle   |   |
| 11<br>12<br>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<br>JILL JAFFE (SBN 286625)                                       |  |
| 3        | jiaffe@nossaman.com<br>NOSSAMAN LLP  | · · · · · · · · · · · · · · · · · · ·  |
| 4        | 777 South Figueroa Street, 34 <sup>th</sup> Floor<br>Los Angeles, California 90017 |  |
| 5        | Telephone: (213) 612-7800<br>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<br>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<br>OR REVIEW   |
| 15       | BOARD, LOS ANGELES REGION'S  |  |
| 16       | FAILURE TO ACT ON PETITIONER'S<br>REQUEST FOR SITE CLOSURE                         |  |
| 17       |  |  |
| 18       |  |  |
| 19       |  |  |
| 20       |  |  |
| 21       |  |  |
| 22       |  |  |
| 23       |  |  |
| 24       |  |  |
| 25       |  |  |
| 26       |  |  |
| 27       |  |  |
| 28       |  |  |
|          | Declaration of Daniel E. Johnson<br>SF_IMAN_286835_1 (6)                           | วสาวระชาติเป็น และมีปการวิธีการที่ 10 ซี ปการว่า การการการการการการที่ 1600 (กระการกรรณ และ การวัตรการการการการ<br>- |

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<br>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   |