**OCWD Response to SWRCB Request for Summary Information dated May 3, 2007**

| SWRCB Request | OCWD Response |
|---|---|
| Points of diversion and rediversion with their identification numbers and names as depicted on the project map | See accompanying map |
| Location of each point of diversion and rediversion using the California Coordinate System | See accompanying map |
| Diversion rate and annual amount for each point of diversion | Table 1 of exhibit OCWD 1-1 shows the diversion rates. The diversion capacity of diversion number 2 through diversion number 7 is 1,670 cubic feet per second (cfs). The annual amount of water diverted from these six diversion points will not exceed 505,000 acre-feet annually (AFA). Due to the inter-connected nature of these diversion points and the need for operational flexibility, it is not possible to proportion the 505,000 AFA to specific diversion points. Water diverted at diversion number 1 and diversion number 8 flows back to the Santa Ana River and is not part of the total 505,000 AFA diversion. |
| Place of use description | See attachment 6b to 1998 Supplement (we can reproduce these if desired) |
| Capacities of conduits and spreading grounds | Capacities of the spreading grounds are described in Table 1 of exhibit OCWD 4-1 |
| Surface areas and capacities of the underground reservoirs | The surface area of the underground reservoir is approximately 350 square miles (this is the area of the Orange County Groundwater Basin; see exhibit OCWD 3-8, page 2-1); the capacity of the underground reservoir is identified in the Underground Storage Supplement as 10,000,000 to 40,000,000 acre-feet |
| Method and points of measurement of the water diverted to and withdrawn from underground storage | Water diverted to underground storage is measured by measuring the recharge rate of each recharge facility; water withdrawn from underground storage is measured by meters on production wells |

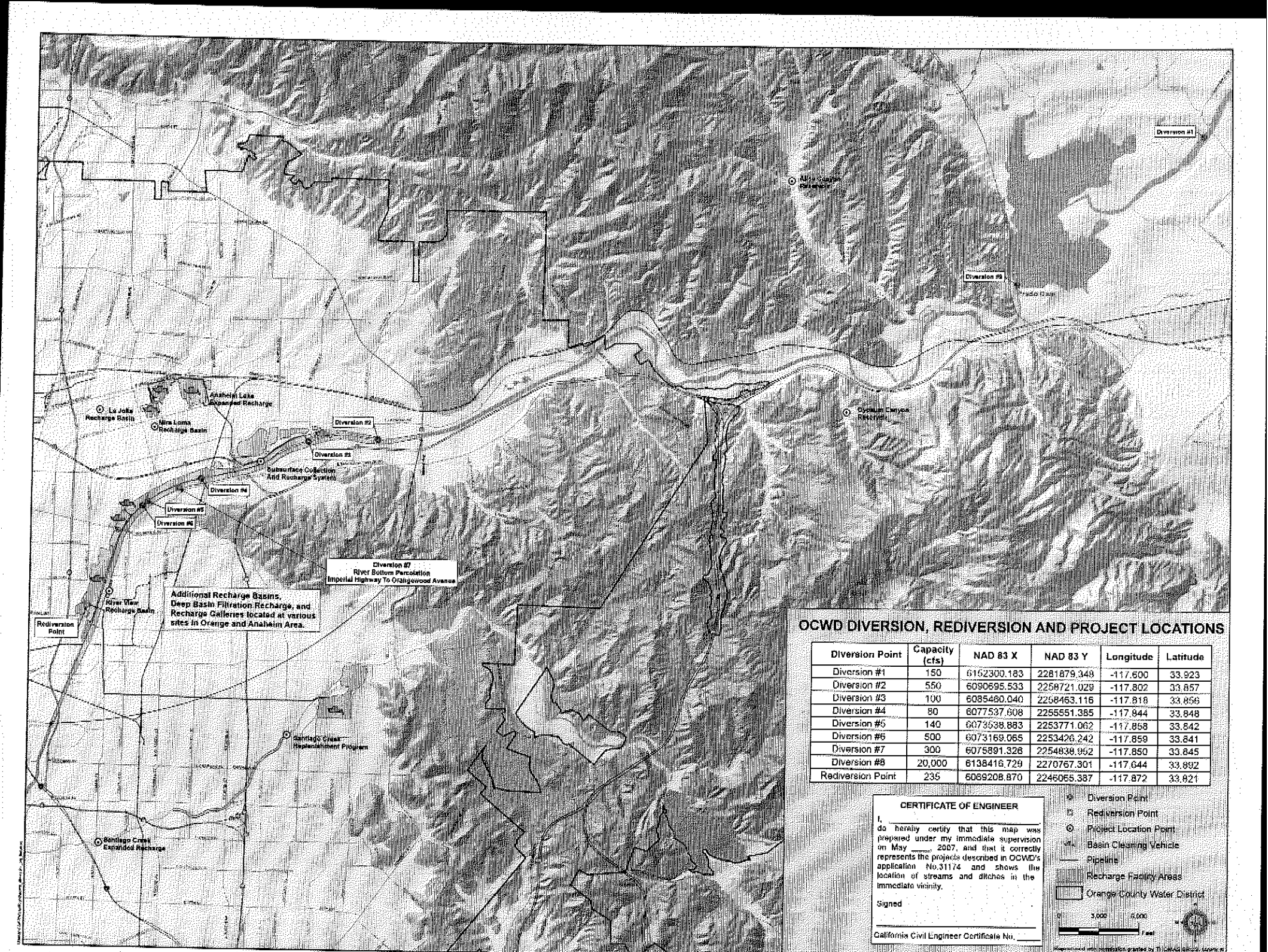
The attached Table 1a is provided to explain differences between OCWD's Application (as supplemented in 1998) and the EIR certified in 2006. Table 1 in exhibit OCWD 4-1 compares the projects listed in OCWD's Application and the EIR. In comparing OCWD's Application and the EIR, it is important to note the following:

- Specific recharge projects were identified in the EIR that were not listed in the Application. For example, the River View Recharge Basin is listed as a Near-Term Project in the EIR but was not listed in the Application. This project was identified after the Application was filed and has been constructed. In the Application, the River View Recharge Basin is within the category 'Additional Recharge Basins'.
- The diversion rates and amounts were updated during preparation of the EIR based on the most recent information available at that time; therefore, the diversion rates and amounts in the EIR are different than those listed in the Application. However, the points of diversion have not changed. The total annual diversion quantity requested has been reduced from 506,800 AFA to 505,000 AFA based on the most updated information.

Table 1a

| Projects Listed in 1998 Supplement to Application A031174 (Table 4A) | | | | Current Projects (updated May 2007) | | | | |
|---|---|---|---|---|---|---|---|---|
| PURPOSE OF USE | DIRECT DIVERSION QUANTITY | | STORAGE AMOUNT | PURPOSE OF USE | DIRECT DIVERSION QUANTITY | | STORAGE AMOUNT | |
| | RATE (CFS) | AMOUNT (AF/Y) | AF Per Annum | | RATE (CFS) | AMOUNT (AF/Y) | AF Per Annum | |
| **CURRENT CONDITIONS** | | | | **EXISTING FACILITIES WITH PREVIOUS PROJECT-LEVEL CEQA AND/ OR NEPA COMPLETED** | | | | |
| Deep Basins | | | | **CURRENT CONDITIONS (Table 2-3)** | | | | Notes (Updated May 2007) |
| Anaheim/Kraemer System | 170 | 123,080 | 3,500 | Deep Basins | | | | |
| Burris/Santiago System | 170 | 123,080 | 17,700 | Anaheim/Kraemer System | 280 | 91,600 | | Updated diversion rate and amount |
| Warner System | 40 | 28,960 | 4,400 | Burris/Santiago System | 130 | 60,600 | | Updated diversion rate and amount |
| Santa Ana River Groundwater Recharge | 100 | 72,400 | | Warner System | 70 | 16,200 | | Updated diversion rate and amount |
| Off River System Groundwater Recharge | 20 | 14,480 | | Santa Ana River Groundwater Recharge | 100 | 70,400 | | Updated diversion amount |
| Wildlife/Water Quality Enhancement (1) | 100 | *72,400* | | Off River System Groundwater Recharge | 65 | 11,000 | | Updated diversion rate and amount |
| Prado Dam (Conservation elev = 505) | | | 25,800 | Wildlife/Water Quality Enhancement (1) | | | | See footnote 1 |
| **SUBTOTAL** | **500** | **362,000** | **51,400** | Prado Dam (Conservation elev = 505) | | | 25,800 | No update since 1998 Supplement |
| | | | | | 645 | 289,000 | 25,800 | |
| **NEAR-TERM PROJECTS** | | | | **PROPOSED FACILITIES WITH PROJECT-LEVEL CEQA / NEPA COMPLETED** | | | | |
| Deep Basin Cleaning Device | | | | **NEAR-TERM PROJECTS (Table 3-1)** | | | | Notes (Updated May 2007) |
| Anaheim/Kraemer System (including Miller) | 50 | 36,200 | | Deep Basin Cleaning Device | | | | |
| | | | | Anaheim/Kraemer System | | 36,000 | | Listed in 1998 Supplement under Anaheim/Kraemer System (including Miller) |
| | | | | Miller Basin | | 7,000 | | Listed in 1998 Supplement under Anaheim/Kraemer System (including Miller) |
| Burris/Santiago System | 20 | 14,480 | | Weir Pond #3 | | 9,000 | | Specific location for BCV identified; part of Off-River System |
| Warner System | 40 | 28,960 | | Five Coves | | 8,000 | | Specific location for BCV identified; part of Off-River System |
| Prado Dam (Conservation elev = 508) | | | 6,800 | | | | | |
| | | | | Prado Dam (Flood season elev = 498)[6] | | | 10,000 | Updated water storage elevation and storage amount |
| | | | | La Jolla Recharge Basin | | 9,000 | | Specific location for recharge basin (from additional recharge basins in long-term projects) |
| | | | | Mira Loma Recharge Basin (moved to long-term) | | - | | Specific location for recharge basin (from additional recharge basins in long-term projects) |
| | | | | Santiago Creek Expanded Recharge | | 3,000 | | Specific projects identified since 1998 Supplement |
| | | | | Anaheim Lake Expanded Recharge | | 2,000 | | Specific projects identified since 1998 Supplement |
| | | | | Santiago Creek Replenishment Program | | 10,000 | | Specific projects identified since 1998 Supplement |
| | | | | River View Recharge Basin | | 4,000 | | Specific location for recharge basin (under 'additional recharge basins' in long-term projects in the Application) |
| | | | | **FORMER LONG-TERM PROJECTS MOVED TO NEAR-TERM** | | | | |
| | | | | Deep Basin Cleaning Vehicles | | | | |
| | | | | Burris and Bond Pits | | 25,000 | | Listed in 1998 Supplement under Burris/Santiago System; note that Bond Pit is one of the recharge basins in the Santiago System; updated diversion amount |
| **SUBTOTAL** | | **79,640** | **6,800** | | | 124,000 | 10,000 | |
| | | | | **PROPOSED FACILITIES WITH PROGRAM-LEVEL CEQA COMPLETED. PROJECT LEVEL CEQA/NEPA TO COME** | | | | |
| | | | | **FORMER NEAR-TERM PROJECTS MOVED TO LONG-TERM** | | | | Notes (updated May 2007) |
| | | | | Mira Loma Recharge Basin | | 10,000 | | Specific location for recharge basin (under 'additional recharge basins' in long-term projects in the Application) |
| **LONG-TERM PROJECTS** | | | | | | | | |
| Prado Dam (Conservation elev = 514) | | | 23,600 | **LONG-TERM PROJECTS (Table 3-1)** | | | | |
| Additional Recharge Basins | 90 | 65,160 | 5,000 | Prado Dam (Conservation elev = 514) | | | 23,600 | No update since 1998 Supplement |
| Gypsum Canyon Reservoir | | | 30,000 | Additional Recharge Basins | | 78,000 | | Updated diversion amount |
| Aliso Canyon Reservoir | | | 30,000 | Gypsum Canyon Reservoir | | | 30,000 | No update since 1998 Supplement |
| | | | | Aliso Canyon Reservoir | | | 30,000 | No update since 1998 Supplement |
| | | | | Deep Basin Cleaning Device (BCV) | | | | |
| | | | | Burris and Bond Pits (moved to near-term) | | - | | Moved to Near-Term Projects |
| | | | | Subsurface Collection/Recharge System | | 10,000 | | Specific location for recharge project (under 'additional recharge basins' in long-term projects in the Application) |
| | | | | Deep Basin Filtration Recharge | | 25,000 | | Specific location for recharge project (under 'additional recharge basins' in long-term projects in the Application) |
| | | | | Recharge Galleries | | 20,000 | | Specific location for recharge project (under 'additional recharge basins' in long-term projects in the Application) |
| **SUBTOTAL** | | **65,160** | **88,600** | | | 143,000 | 83,600 | |
| **TOTAL** | **800** | **506,800** | **146,800** | | | 505,000 | 119,400 | |

1. Not included in total Direct Diversions because flows are returned to SAR




## OCWD DIVERSION, REDIVERSION AND PROJECT LOCATIONS

| Diversion Point | Capacity (cfs) | NAD 83 X | NAD 83 Y | Longitude | Latitude |
|---|---|---|---|---|---|
| Diversion #1 | 150 | 6152300.183 | 2281879.348 | -117.600 | 33.923 |
| Diversion #2 | 550 | 6090695.533 | 2258721.029 | -117.802 | 33.857 |
| Diversion #3 | 100 | 6085480.040 | 2256463.116 | -117.818 | 33.856 |
| Diversion #4 | 80 | 6077537.608 | 2255551.385 | -117.844 | 33.848 |
| Diversion #5 | 140 | 6073538.883 | 2253771.062 | -117.858 | 33.842 |
| Diversion #6 | 500 | 6073169.065 | 2253426.242 | -117.859 | 33.841 |
| Diversion #7 | 300 | 6075891.326 | 2254838.952 | -117.850 | 33.845 |
| Diversion #8 | 20,000 | 6138416.729 | 2270767.301 | -117.644 | 33.892 |
| Rediversion Point | 235 | 6069208.870 | 2246065.387 | -117.872 | 33.821 |

### CERTIFICATE OF ENGINEER

I, _____
do hereby certify that this map was prepared under my immediate supervision on May ____, 2007, and that it correctly represents the projects described in OCWD's application No.31174 and shows the location of streams and ditches in the immediate vicinity.

Signed

_____

California Civil Engineer Certificate No. ____

- Diversion Point
- Rediversion Point
- Project Location Point
- Basin Cleaning Vehicle
- Pipeline
- Recharge Facility Areas
- Orange County Water District

0 3,000 6,000 Feet