

DWR-650

2015 CDEC Salinity Emmaton and Rio Vista Bridge
uS/cm (umhos/cm) [to convert to mmhos/cm divide by 1000]
Source: California Data Exchange Center

| Date | EMM | RVB |
|-----------|------|------|
| 8/14/2015 | 3535 | 392 |
| 8/15/2015 | 2957 | 354 |
| 8/16/2015 | 3214 | 368 |
| 8/17/2015 | 3581 | 453 |
| 8/18/2015 | 4433 | 618 |
| 8/19/2015 | 4389 | 573 |
| 8/20/2015 | 4102 | 517 |
| 8/21/2015 | 4006 | 482 |
| 8/22/2015 | 3845 | 474 |
| 8/23/2015 | 3703 | 434 |
| 8/24/2015 | 3431 | 403 |
| 8/25/2015 | 3191 | 403 |
| 8/26/2015 | 3181 | 425 |
| 8/27/2015 | 3220 | 429 |
| 8/28/2015 | 3365 | 438 |
| 8/29/2015 | 3576 | 482 |
| 8/30/2015 | 3467 | 448 |
| 8/31/2015 | 3385 | 419 |
| 9/1/2015 | 3565 | 503 |
| 9/2/2015 | 4103 | 544 |
| 9/3/2015 | 4180 | 502 |
| 9/4/2015 | 4104 | 502 |
| 9/5/2015 | 3257 | 461 |
| 9/6/2015 | 3548 | 449 |
| 9/7/2015 | 3855 | 518 |
| 9/8/2015 | 4296 | 612 |
| 9/9/2015 | 4622 | 741 |
| 9/10/2015 | 5283 | 891 |
| 9/11/2015 | 5278 | 774 |
| 9/12/2015 | 5571 | 852 |
| 9/13/2015 | 5408 | 855 |
| 9/14/2015 | 6192 | 1141 |
| 9/15/2015 | 5896 | 936 |
| 9/16/2015 | 4983 | 674 |
| 9/17/2015 | 4183 | 571 |
| 9/18/2015 | 4168 | 589 |
| 9/19/2015 | 4261 | 629 |
| 9/20/2015 | 4320 | 753 |

| Date | EMM | RVB |
|------------|------|------|
| 9/21/2015 | 5070 | 957 |
| 9/22/2015 | 6170 | 1226 |
| 9/23/2015 | 5301 | 924 |
| 9/24/2015 | 4860 | 750 |
| 9/25/2015 | 5197 | 879 |
| 9/26/2015 | 5484 | 965 |
| 9/27/2015 | 5245 | 953 |
| 9/28/2015 | 5538 | 1054 |
| 9/29/2015 | 5662 | 1087 |
| 9/30/2015 | 5080 | 879 |
| 10/1/2015 | 4745 | 864 |
| 10/2/2015 | 4567 | 756 |
| 10/3/2015 | 4969 | 927 |
| 10/4/2015 | 4630 | 799 |
| 10/5/2015 | 4838 | 755 |
| 10/6/2015 | 4396 | 607 |
| 10/7/2015 | 3978 | 537 |
| 10/8/2015 | 3708 | 466 |
| 10/9/2015 | 3728 | 477 |
| 10/10/2015 | 4031 | 520 |
| 10/11/2015 | 4012 | 450 |
| 10/12/2015 | 3663 | 423 |
| 10/13/2015 | 3782 | 494 |
| 10/14/2015 | 4425 | 632 |
| 10/15/2015 | 4496 | 710 |
| 10/16/2015 | 4466 | 760 |
| 10/17/2015 | 5155 | 738 |
| 10/18/2015 | 4546 | 627 |
| 10/19/2015 | 3445 | 371 |
| 10/20/2015 | 3079 | 501 |
| 10/21/2015 | 3446 | 458 |
| 10/22/2015 | 3803 | 524 |
| 10/23/2015 | 4123 | 635 |
| 10/24/2015 | 4116 | -- |
| 10/25/2015 | 4456 | 761 |
| 10/26/2015 | 4547 | 640 |
| 10/27/2015 | 5038 | 762 |
| 10/28/2015 | 5113 | 853 |

RVB is above 800 EC considered fresh drinking water?

DWR-650 page 4, with red asterisks added, shows the EC at Rio Vista in a very dry year, in September. The flows appear to be as low as what is modeled to be the minimum flows per the data provided by DWR in SHR-350

https://nwis.waterdata.usgs.gov/nwis/uv/?ts_id=16195&format=img_stats&site_no

