

# EXHIBIT: SDWA-23

State of California - Department of Water Resources - Division of Operations & Maintenance - Operations Control Office

## Delta Hydrology Conditions

| Date      | Sacramento River at Freeport + SRWTP cfs | Yolo Bypass cfs | East Side Streams cfs | San Joaquin River at Vernalis cfs | Rainfall inches | Clifton Court Forebay Intake cfs | Tracy Pumping Plant cfs | CCWD Pumping Plants cfs | Barker Slough Pumping Plant cfs | BBID Diversion cfs |
|-----------|--|-----------------|-----------------------|-----------------------------------|-----------------|----------------------------------|-------------------------|-------------------------|---------------------------------|--------------------|
| 1/14/2009 | 8,701                                    | 20              | 253                   | 1,063                             | 0.00            | 2,245                            | 1,892                   | 78                      | 61                              | 0                  |
| 1/15/2009 | 8,618                                    | 15              | 261                   | 1,065                             | 0.00            | 2,454                            | 1,885                   | 86                      | 64                              | 0                  |
| 1/16/2009 | 8,865                                    | 16              | 262                   | 1,054                             | 0.00            | 2,491                            | 1,884                   | 74                      | 82                              | 0                  |
| 1/17/2009 | 8,518                                    | 17              | 255                   | 1,053                             | 0.00            | 2,493                            | 1,888                   | 81                      | 70                              | 0                  |
| 1/18/2009 | 8,391                                    | 16              | 255                   | 1,060                             | 0.00            | 2,494                            | 1,883                   | 88                      | 72                              | 0                  |
| 1/19/2009 | 8,034                                    | 16              | 260                   | 1,053                             | 0.00            | 2,499                            | 1,888                   | 82                      | 73                              | 0                  |
| 1/20/2009 | 7,543                                    | 17              | 263                   | 1,040                             | 0.00            | 2,494                            | 1,808                   | 86                      | 74                              | 0                  |
| 1/21/2009 | 6,842                                    | 17              | 270                   | 1,034                             | 0.20            | 1,995                            | 1,272                   | 78                      | 71                              | 0                  |
| 1/22/2009 | 8,579                                    | 20              | 325                   | 1,070                             | 0.84            | 2,493                            | 1,002                   | 76                      | 45                              | 0                  |
| 1/23/2009 | 8,578                                    | 23              | 488                   | 1,130                             | 0.38            | 2,493                            | 1,004                   | 89                      | 22                              | 0                  |
| 1/24/2009 | 8,669                                    | 23              | 990                   | 1,198                             | 0.04            | 2,490                            | 1,643                   | 70                      | 10                              | 0                  |
| 1/25/2009 | 9,248                                    | 18              | 979                   | 1,236                             | 0.00            | 2,490                            | 1,930                   | 77                      | 37                              | 0                  |
| 1/28/2009 | 10,446                                   | 18              | 679                   | 1,322                             | 0.00            | 2,498                            | 1,912                   | 76                      | 29                              | 0                  |
| 1/27/2009 | 13,224                                   | 17              | 515                   | 1,403                             | 0.00            | 2,490                            | 1,912                   | 86                      | 31                              | 0                  |
| 1/28/2009 | 13,393                                   | 13              | 436                   | 1,433                             | 0.00            | 2,494                            | 2,455                   | 73                      | 37                              | 0                  |
| 1/29/2009 | 12,388                                   | 8               | 397                   | 1,390                             | 0.00            | 2,489                            | 2,674                   | 80                      | 38                              | 0                  |
| 1/30/2009 | 11,004                                   | 18              | 371                   | 1,319                             | 0.00            | 1,492                            | 1,892                   | 90                      | 53                              | 0                  |
| 1/31/2009 | 10,281                                   | 18              | 355                   | 1,275                             | 0.00            | 993                              | 994                     | 83                      | 53                              | 0                  |
| 2/1/2009  | 10,021                                   | 19              | 345                   | 1,230                             | 0.00            | 996                              | 995                     | 80                      | 44                              | 0                  |
| 2/2/2009  | 9,522                                    | 20              | 348                   | 1,195                             | 0.00            | 998                              | 991                     | 83                      | 57                              | 0                  |
| 2/3/2009  | 8,905                                    | 20              | 328                   | 1,185                             | 0.00            | 996                              | 995                     | 70                      | 22                              | 0                  |
| 2/4/2009  | 8,931                                    | 20              | 329                   | 1,193                             | 0.00            | 989                              | 1,001                   | 76                      | 53                              | 0                  |
| 2/5/2009  | 9,136                                    | 22              | 311                   | 1,203                             | 0.16            | 998                              | 1,003                   | 73                      | 32                              | 0                  |
| 2/6/2009  | 9,224                                    | 26              | 325                   | 1,229                             | 0.32            | 990                              | 1,001                   | 69                      | 57                              | 0                  |
| 2/7/2009  | 9,073                                    | 31              | 333                   | 1,258                             | 0.00            | 994                              | 1,003                   | 64                      | 44                              | 0                  |
| 2/8/2009  | 8,480                                    | 29              | 332                   | 1,254                             | 0.08            | 991                              | 1,001                   | 65                      | 40                              | 0                  |
| 2/9/2009  | 8,913                                    | 28              | 386                   | 1,280                             | 0.00            | 994                              | 1,003                   | 74                      | 42                              | 0                  |
| 2/10/2009 | 9,486                                    | 27              | 383                   | 1,318                             | 0.12            | 998                              | 1,002                   | 52                      | 47                              | 0                  |
| 2/11/2009 | 9,631                                    | 27              | 363                   | 1,359                             | 0.24            | 1,890                            | 1,719                   | 55                      | 50                              | 0                  |
| 2/12/2009 | 10,218                                   | 29              | 410                   | 1,413                             | 0.04            | 1,990                            | 2,018                   | 74                      | 48                              | 0                  |

SRWTP : Sacramento Regional Water Treatment Plant effluent.

Yolo Bypass : combined measurements of Cache Creek at Rumsey and Freemont Weir.

East Side Streams : combined stream flows of Cosumnes River at Michigan Bar, Mokelumne River at Woodbridge, miscellaneous streams estimated from Dry Creek at Galt (discontinued since Dec. 1997), and Calaveras River based on releases from New Hogan Dam.

Rainfall : incremental daily precipitation measured at Stockton Fire Station #4.

CCWD Pumping Plants : combined pumping at the Old River and Rock Slough Plants.

## Delta Hydrology Conditions

| Date      | Banks Pumping Plant cfs | Delta Gross Channel Depletions cfs | Rio Vista Flow cfs | QWEST cfs | Net Delta Outflow Index cfs | Percent of Inflow Diverted |        | Delta Status |
|-----------|-------------------------|------------------------------------|--------------------|-----------|-----------------------------|----------------------------|--------|--------------|
|           |                         |                                    |                    |           |                             | 3 day                      | 14 day |              |
| 1/14/2009 | 2,288                   | 1,200                              | 8,660              | -1,653    | 4,862                       | 40.1%                      | 37.7%  | b            |
| 1/15/2009 | 2,454                   | 1,200                              | 8,399              | -1,913    | 4,938                       | 41.5%                      | 39.7%  | b            |
| 1/16/2009 | 2,480                   | 1,150                              | 8,338              | -1,894    | 4,279                       | 42.4%                      | 41.0%  | b            |
| 1/17/2009 | 2,482                   | 1,150                              | 8,551              | -1,885    | 4,515                       | 43.4%                      | 42.1%  | b            |
| 1/18/2009 | 2,483                   | 1,100                              | 8,285              | -1,890    | 4,228                       | 43.8%                      | 42.6%  | b            |
| 1/19/2009 | 2,434                   | 1,100                              | 8,158              | -1,923    | 4,083                       | 44.2%                      | 43.1%  | b            |
| 1/20/2009 | 2,472                   | 1,100                              | 8,846              | -1,992    | 3,703                       | 45.5%                      | 43.6%  | b            |
| 1/21/2009 | 1,984                   | 1,050                              | 8,434              | -892      | 4,398                       | 43.1%                      | 40.5%  | b            |
| 1/22/2009 | 2,836                   | 1,060                              | 4,972              | -495      | 4,438                       | 42.6%                      | 38.1%  | b            |
| 1/23/2009 | 2,801                   | 1,000                              | 8,010              | 3,008     | 11,340                      | 36.2%                      | 35.0%  | b            |
| 1/24/2009 | 2,414                   | 1,000                              | 8,588              | 3,928     | 12,995                      | 39.5%                      | 38.0%  | b            |
| 1/25/2009 | 2,446                   | 1,000                              | 8,730              | 4,392     | 13,581                      | 38.8%                      | 40.9%  | b            |
| 1/26/2009 | 2,465                   | 1,000                              | 9,227              | 4,478     | 14,161                      | 39.8%                      | 43.5%  | b            |
| 1/27/2009 | 2,512                   | 950                                | 9,981              | 3,712     | 14,071                      | 38.0%                      | 43.7%  | b            |
| 1/28/2009 | 2,508                   | 950                                | 11,026             | 350       | 11,433                      | 35.2%                      | 43.8%  | b            |
| 1/29/2009 | 2,521                   | 950                                | 10,594             | -1,232    | 9,273                       | 33.8%                      | 44.7%  | b            |
| 1/30/2009 | 1,861                   | 950                                | 9,852              | 172       | 9,764                       | 30.2%                      | 40.5%  | b            |
| 1/31/2009 | 1,253                   | 900                                | 8,477              | 1,189     | 9,550                       | 25.1%                      | 31.1%  | b            |
| 2/1/2009  | 1,017                   | 900                                | 7,833              | 1,026     | 8,752                       | 19.1%                      | 21.5%  | b            |
| 2/2/2009  | 1,009                   | 900                                | 7,828              | 1,100     | 8,608                       | 18.8%                      | 17.2%  | b            |
| 2/3/2009  | 1,007                   | 900                                | 7,185              | 991       | 8,100                       | 17.3%                      | 17.0%  | b            |
| 2/4/2009  | 1,011                   | 900                                | 8,680              | 876       | 7,418                       | 18.0%                      | 16.8%  | b            |
| 2/5/2009  | 1,010                   | 900                                | 8,682              | 878       | 7,485                       | 18.7%                      | 16.6%  | b            |
| 2/6/2009  | 1,044                   | 900                                | 7,118              | 1,355     | 8,417                       | 19.0%                      | 16.6%  | b            |
| 2/7/2009  | 919                     | 900                                | 7,709              | 2,577     | 10,371                      | 18.9%                      | 16.6%  | b            |
| 2/8/2009  | 1,023                   | 900                                | 7,583              | 2,895     | 10,267                      | 18.9%                      | 16.6%  | b            |
| 2/9/2009  | 1,027                   | 900                                | 7,195              | 2,863     | 10,278                      | 18.9%                      | 16.7%  | b            |
| 2/10/2009 | 1,030                   | 850                                | 7,583              | 3,154     | 10,854                      | 19.1%                      | 16.8%  | b            |
| 2/11/2009 | 1,887                   | 850                                | 8,015              | 1,403     | 9,518                       | 24.1%                      | 22.2%  | b            |
| 2/12/2009 | 1,892                   | 850                                | 8,013              | 2,155     | 10,235                      | 24.9%                      | 24.3%  | b            |

Delta Gross Channel Depletions from Dayflow Table 3.  
 Rio Vista Flow calculated from Dayflow equation.  
 QWEST calculated from Dayflow equation.  
 Net Delta Outflow Index calculated from equation as specified in D-164f, revised June 1995.

Coordinated Operation Agreement Delta Status:  
 c = excess Delta conditions  
 b = balanced Delta cond. w/ no storage withdrawal  
 s = balanced Delta cond. w/ storage withdrawal  
 Excess Delta conditions with restrictions:  
 f = fish concerns  
 r = E/I ratio concerns

CDWA/SDWA/SJC  
 Exhibit 1C