

**Attachment B**

Estimated Unimpaired Flow of South Cow Creek

**Table 2. Estimated Unimpaired Flow South Cow Creek at South Cow Diversion (cfs) \***

| <b>Water</b> |            |            |            |            |            |            |            |            |            |            |            |            |
|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>Year</b>  | <b>Oct</b> | <b>Nov</b> | <b>Dec</b> | <b>Jan</b> | <b>Feb</b> | <b>Mar</b> | <b>Apr</b> | <b>May</b> | <b>Jun</b> | <b>Jul</b> | <b>Aug</b> | <b>Sep</b> |
| <b>1950</b>  | 10         | 18         | 20         | 174        | 257        | 156        | 152        | 99         | 39         | 11         | 6          | 7          |
| <b>1951</b>  | 34         | 100        | 277        | 251        | 253        | 133        | 125        | 97         | 24         | 12         | 8          | 8          |
| <b>1952</b>  | 19         | 87         | 373        | 370        | 335        | 204        | 177        | 198        | 79         | 34         | 17         | 16         |
| <b>1953</b>  | 17         | 26         | 280        | 404        | 73         | 93         | 173        | 197        | 139        | 35         | 19         | 14         |
| <b>1954</b>  | 18         | 54         | 51         | 212        | 183        | 212        | 224        | 79         | 37         | 14         | 14         | 15         |
| <b>1955</b>  | 16         | 94         | 151        | 98         | 57         | 40         | 144        | 96         | 21         | 7          | 4          | 6          |
| <b>1956</b>  | 11         | 85         | 443        | 598        | 177        | 94         | 134        | 247        | 69         | 27         | 15         | 14         |
| <b>1957</b>  | 28         | 25         | 23         | 49         | 126        | 219        | 135        | 151        | 41         | 16         | 10         | 22         |
| <b>1958</b>  | 58         | 89         | 149        | 291        | 625        | 292        | 286        | 154        | 102        | 43         | 23         | 18         |
| <b>1959</b>  | 18         | 24         | 29         | 168        | 240        | 71         | 115        | 51         | 15         | 4          | 4          | 13         |
| <b>1960</b>  | 10         | 13         | 19         | 81         | 253        | 141        | 108        | 68         | 16         | 3          | 1          | 4          |
| <b>1961</b>  | 10         | 65         | 183        | 86         | 282        | 155        | 141        | 86         | 41         | 9          | 5          | 7          |
| <b>1962</b>  | 13         | 44         | 172        | 70         | 282        | 166        | 130        | 64         | 23         | 6          | 5          | 5          |
| <b>1963</b>  | 160        | 44         | 186        | 103        | 189        | 110        | 441        | 189        | 47         | 24         | 13         | 11         |
| <b>1964</b>  | 19         | 106        | 30         | 117        | 39         | 32         | 95         | 43         | 26         | 6          | 3          | 5          |
| <b>1965</b>  | 9          | 91         | 342        | 343        | 86         | 56         | 357        | 94         | 34         | 14         | 16         | 10         |
| <b>1966</b>  | 12         | 74         | 65         | 246        | 161        | 119        | 168        | 59         | 17         | 5          | 2          | 5          |
| <b>1967</b>  | 9          | 108        | 159        | 365        | 110        | 168        | 305        | 394        | 149        | 31         | 13         | 11         |
| <b>1968</b>  | 18         | 21         | 62         | 190        | 346        | 148        | 117        | 53         | 21         | 5          | 19         | 8          |
| <b>1969</b>  | 20         | 45         | 271        | 573        | 462        | 159        | 216        | 195        | 71         | 29         | 15         | 13         |
| <b>1970</b>  | 23         | 28         | 375        | 764        | 165        | 156        | 107        | 44         | 27         | 13         | 8          | 9          |
| <b>1971</b>  | 19         | 203        | 331        | 271        | 73         | 261        | 171        | 146        | 83         | 35         | 17         | 16         |
| <b>1972</b>  | 20         | 32         | 80         | 101        | 135        | 163        | 149        | 62         | 26         | 10         | 7          | 9          |
| <b>1973</b>  | 26         | 111        | 195        | 397        | 312        | 216        | 147        | 107        | 36         | 16         | 10         | 16         |
| <b>1974</b>  | 27         | 336        | 358        | 587        | 191        | 412        | 259        | 134        | 64         | 42         | 24         | 16         |
| <b>1975</b>  | 19         | 28         | 55         | 65         | 321        | 319        | 192        | 154        | 69         | 28         | 21         | 14         |
| <b>1976</b>  | 38         | 37         | 49         | 25         | 126        | 88         | 130        | 40         | 13         | 5          | 16         | 10         |
| <b>1977</b>  | 11         | 15         | 16         | 20         | 19         | 21         | 76         | 31         | 5          | 1          | 1          | 11         |
| <b>1978</b>  | 11         | 27         | 180        | 415        | 298        | 346        | 322        | 126        | 40         | 17         | 9          | 16         |
| <b>1979</b>  | 21         | 21         | 20         | 109        | 314        | 134        | 141        | 149        | 23         | 9          | 7          | 8          |
| <b>1980</b>  | 36         | 88         | 222        | 375        | 364        | 188        | 131        | 76         | 37         | 17         | 10         | 13         |
| <b>1981</b>  | 17         | 18         | 61         | 131        | 158        | 236        | 133        | 49         | 14         | 5          | 4          | 7          |
| <b>1982</b>  | 27         | 349        | 448        | 251        | 346        | 272        | 308        | 135        | 56         | 39         | 19         | 20         |
| <b>1983</b>  | 26         | 98         | 251        | 305        | 611        | 721        | 245        | 250        | 136        | 63         | 33         | 31         |
| <b>1984</b>  | 26         | 146        | 538        | 111        | 138        | 98         | 132        | 93         | 45         | 19         | 14         | 12         |
| <b>1985</b>  | 30         | 186        | 89         | 37         | 68         | 69         | 120        | 38         | 16         | 8          | 6          | 23         |

|             |     |     |     |     |     |     |     |     |     |    |    |    |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|
| <b>1986</b> | 21  | 50  | 98  | 179 | 634 | 377 | 129 | 96  | 31  | 17 | 11 | 23 |
| <b>1987</b> | 20  | 20  | 22  | 105 | 161 | 258 | 108 | 29  | 10  | 7  | 5  | 6  |
| <b>1988</b> | 9   | 19  | 154 | 221 | 38  | 39  | 105 | 76  | 35  | 8  | 5  | 5  |
| <b>1989</b> | 8   | 101 | 55  | 111 | 58  | 451 | 204 | 72  | 25  | 11 | 7  | 21 |
| <b>1990</b> | 45  | 24  | 20  | 162 | 66  | 104 | 95  | 123 | 70  | 10 | 5  | 6  |
| <b>1991</b> | 9   | 15  | 15  | 15  | 26  | 166 | 100 | 40  | 11  | 3  | 2  | 2  |
| <b>1992</b> | 7   | 12  | 27  | 39  | 210 | 92  | 107 | 13  | 4   | 4  | 1  | 2  |
| <b>1993</b> | 18  | 19  | 168 | 424 | 295 | 274 | 260 | 213 | 210 | 39 | 25 | 14 |
| <b>1994</b> | 37  | 23  | 75  | 46  | 180 | 67  | 102 | 62  | 15  | 4  | 2  | 4  |
| <b>1995</b> | 9   | 25  | 101 | 611 | 191 | 616 | 269 | 318 | 115 | 44 | 21 | 16 |
| <b>1996</b> | 15  | 19  | 123 | 246 | 340 | 165 | 200 | 227 | 54  | 26 | 14 | 15 |
| <b>1997</b> | 16  | 29  | 283 | 513 | 104 | 73  | 123 | 45  | 26  | 15 | 12 | 15 |
| <b>1998</b> | 22  | 89  | 113 | 633 | 770 | 287 | 275 | 521 | 305 | 93 | 43 | 29 |
| <b>1999</b> | 26  | 166 | 145 | 124 | 406 | 198 | 171 | 115 | 62  | 27 | 19 | 15 |
| <b>2000</b> | 17  | 48  | 41  | 234 | 404 | 240 | 151 | 73  | 29  | 18 | 9  | 17 |
| <b>Avg</b>  | 23  | 70  | 157 | 243 | 236 | 194 | 175 | 123 | 53  | 19 | 12 | 12 |
| <b>Max</b>  | 160 | 349 | 538 | 764 | 770 | 721 | 441 | 521 | 305 | 93 | 43 | 31 |
| <b>Min</b>  | 7   | 12  | 15  | 15  | 19  | 21  | 76  | 13  | 4   | 1  | 1  | 2  |

\* This is the estimated actual flow after PG&E decommissioning, with non-project diversions, if any, still operational