

| FLOW | | Boise R. @ | West Boise | West Boise | | | |
|--------------|------------|------------|------------|------------|--|--|--|
| STATISTIC | | Glenwood | Split/cfs | cfs | | | |
| SUMMER | | | | | | | |
| 1Q10 | | | 67.4 | 107 | | | |
| 7Q10 | | | 106 | 168 | | | |
| 30Q5 | | | 238 | 378 | | | |
| Harmonic | | | | | | | |
| Mean | | | 504 | 800 | | | |
| WINTER | | | | | | | |
| 1Q10 | | | 69.3 | 110 | | | |
| 7Q10 | | | 75.0 | 119 | | | |
| 30Q5 | | | 85.1 | 135 | | | |
| Harmonic | | | | | | | |
| Mean | | | 159 | 252 | | | |
| DESIGN FLOW | | | | | | | |
| CFS | | | | 37.1 | | | |
| MGD | | | | 24 | | | |
| FLOW | | | | | | | |
| SPLIT | | | | .63/.37 | | | |
| MIXING | | | | | | | |
| FRACTION | | | | | | | |
| Metals | | | | 0.25 | | | |
| Ammonia & | | | | | | | |
| Chlorine | | | | 0.25 | | | |
| WET | | | | 0.25 | | | |
| HARDNESS | | | | | | | |
| 5TH %ILE | | | | | | | |
| April - Sept | | | | | | | |
| | Boise R. @ | | West Boise | | | | |
| 5TH %ILE | Glenwood | 26 | Effluent | 106 | | | |
| Hmix | | 1Q10 | | 81 | | | |
| | | 7Q10 | | 73 | | | |
| Oct- March | | | | | | | |
| | Boise R. @ | | West Boise | | | | |
| 5TH %ILE | Glenwood | 36 | Effluent | 108 | | | |

| | | | | | | | |
|---|--|------|--|----|--|--|--|
| Hmix | | 1Q10 | | 85 | | | |
| | | 7Q10 | | 84 | | | |
| NOTES: | | | | | | | |
| 1. Summer data (April through September) for West Boise account for groundwater inputs (+15 cfs) and diversions (-29 cfs) between Glenwood and West Boise WWTP; Winter data (October through March) account for groundwater inputs (+12 cfs) between Glenwood and West Boise WWTP. | | | | | | | |
| 2. Glenwood flow split updated based on data collected with new gauge at Westwood Bridge, upstream of Eagle Island. | | | | | | | |
| 3. Design flows from "Request for Modification", p. 5, submitted by Boise City, 7/25/02. | | | | | | | |
| 4. Letter to Philip G. Millam, Dir., OW, from Stephen E. West, RA, IDEQ, dated 8/19/98. | | | | | | | |
| 5. State silent on West Boise; 0.25 kept. | | | | | | | |
| 6. Hardness data submitted by Boise City 8/19/98 and 7/25/02. | | | | | | | |
| "lander street hardness.123," and | | | | | | | |
| "west boise hardness.123" | | | | | | | |
| <i>Both new data and old data sets used to determine hardness.</i> | | | | | | | |