

Analysis of Missed Injection

Assumptions:

1. Cal-Am begins production of PWM in March (per Cal-Am operations staff)
2. If there is no dechlorination facilities, injection needs to stop in February to allow decay of disinfection byproducts to be ready to recover PWM in March
3. If the by-pass pipeline were constructed recovery of PWM and Injection of 13.3 AF/day could continue March, April, and May

No Bypass Pipeline and Dechlorination Facility at Santa Margarita

12.5% chance of missing 90 injection days => 1,197 AF

25% chance of missing 81 injection days => 1,077 AF

37.5% chance of missing 77 Injection days => 1,024 AF

50% chance of missing 60 Injection days => 780 AF

62.5% chance of missing 40 injection days => 532 AF

75% chance of missing 19 injection days => 253 AF

82.5% chance of missing 9 injection days => 106 AF

100% chance of missing 1 injection day. => 13 AF

No Bypass Pipeline and No Dechlorination Facility at Santa Margarita

12.5% chance of missing 118 injection days => 1,569 AF

25% chance of missing 100 injection days => 1,330 AF

37.5% chance of missing 96 Injection days => 1,277 AF

50% chance of missing 78 Injection days => 1,015 AF

62.5% chance of missing 59 injection days => 785 AF

75% chance of missing 28 injection days => 372 AF

82.5% chance of missing 15 injection days => 200 AF

100% chance of missing 4 injection days. => 53 AF