

### Simulated Flow Change at Vernalis

With 1,000 uS/cm  
Year-round Objective

and Summer  
Goodwin DO Release  
Relaxed to 100 cfs

Average Vernalis Flow (non-pulse) within Year Type - cfs												Alternative Water Quality Objective Scenario													
SJRBI	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	SJRBI	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
W	2726	2666	3831	7315	12991	14566	11624	9986	10908	7622	3499	3954	W	2726	2666	3831	7315	12991	14566	11624	9986	10908	7622	3499	3954
AN	2750	3297	5384	5865	6119	5791	4739	3675	2746	2192	1803	2324	AN	2750	3297	5384	5865	6119	5791	4739	3675	2746	2192	1803	2324
BN	2431	2343	2545	2750	2993	3064	2554	2513	2033	1500	1379	1885	BN	2431	2343	2545	2750	2993	3064	2554	2513	2033	1500	1379	1885
D	2826	2484	2417	2378	2690	2510	1837	1875	1463	1192	1276	1807	D	2826	2484	2417	2378	2690	2510	1837	1875	1463	1192	1276	1807
C	2183	2219	1973	1752	2192	1854	1150	1220	923	752	877	1382	C	2183	2219	1973	1752	2192	1854	1150	1220	923	752	877	1382
All	2578	2609	3297	4323	6111	6395	5042	4404	4272	3100	1916	2414	All	2578	2609	3297	4323	6111	6395	5042	4404	4272	3100	1916	2414

With 1,000 uS/cm  
Year-round Objective  
and No Relaxation of  
Goodwin DO Release

Average Vernalis Flow (non-pulse) within Year Type - cfs												Alternative Water Quality Objective Scenario w/ No Relax													
SJRBI	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	SJRBI	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
W	2710	2659	3824	7301	12945	14580	11596	9959	10876	7592	3513	3936	W	2710	2659	3824	7301	12945	14580	11596	9959	10876	7592	3513	3936
AN	2744	3296	5326	5875	6110	5707	4673	3620	2759	2224	1827	2347	AN	2744	3296	5326	5875	6110	5707	4673	3620	2759	2224	1827	2347
BN	2429	2340	2541	2747	2991	3063	2507	2466	2068	1562	1443	1931	BN	2429	2340	2541	2747	2991	3063	2507	2466	2068	1562	1443	1931
D	2824	2479	2411	2375	2691	2510	1836	1873	1516	1281	1370	1875	D	2824	2479	2411	2375	2691	2510	1836	1873	1516	1281	1370	1875
C	2181	2216	1970	1750	2191	1853	1142	1213	1039	909	1037	1516	C	2181	2216	1970	1750	2191	1853	1142	1213	1039	909	1037	1516
All	2572	2605	3282	4320	6096	6377	5012	4376	4305	3156	1984	2461	All	2572	2605	3282	4320	6096	6377	5012	4376	4305	3156	1984	2461

Change in Vernalis Flows within Year Type - cfs												Alternative Water Quality Objective Scenario w/ No Relax													
SJRBI	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	SJRBI	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
W	16	1	1	1	15	9	7	-6	1	13	0	13	W	16	1	1	1	15	9	7	-6	1	13	0	13
AN	2	2	30	7	15	2	6	5	0	0	4	0	AN	2	2	30	7	15	2	6	5	0	0	4	0
BN	1	1	1	1	0	1	-58	-24	-1	0	0	0	BN	1	1	1	1	0	1	-58	-24	-1	0	0	0
D	1	1	1	1	0	0	-94	-78	-4	-7	0	0	D	1	1	1	1	0	0	-94	-78	-4	-7	0	0
C	1	1	1	1	73	0	-227	-184	-40	-8	0	0	C	1	1	1	1	73	0	-227	-184	-40	-8	0	0
All	5	1	6	2	23	3	-70	-57	-9	1	1	4	All	5	1	6	2	23	3	-70	-57	-9	1	1	4