

Appendix T
Recovery of Sulphorhodamine B by Extraction Wells
FYNOP Part 2 SRI

Well	Sampling Date	Days Since Extraction System Re-Start	Sulphorhodamine B Concentration (µg/l) from Crawford Lab Reports	gals. Pumped by CW-17 since previous date	lbs. recovered since previous date	Total lbs. of SRB Recovered	<p style="text-align: center;">Equation from Recovery Graph for CW-17 (attached):</p> $y = 3.8726x^{0.1489}$ <p>for x=100 days y=7.69 lbs recovered, compare with 7.68 lbs actually recovered</p> <p>for x=200 days y=8.52 lbs recovered</p> <p>for x=500 days y=9.77 lbs recovered</p> <p>for x=1000 days y=10.8 lbs recovered</p> <p>for x=1826 days (=5 years) y=11.85 lbs recovered</p> <p>for x=3563 days (=10 years) y=13.09 lbs recovered</p>
CW-17	01/27/15	0.1	4416	103184	3.8020	3.802	
CW-17	01/28/15	1	1690.5	89017	1.2556	5.058	
CW-17	01/30/15	3	316.6	184482	0.4873	5.545	
CW-17	02/02/15	6	109.4	232751	0.2125	5.757	
CW-17	02/06/15	10	84.5	246538	0.1738	5.931	
CW-17	02/11/15	15	82.1	245467	0.1682	6.099	
CW-17	02/26/15	30	124.8	291040	0.3031	6.403	
CW-17	03/04/15	36	48.257	446953	0.1800	6.582	
CW-17	03/11/15	43	39.275	534258	0.1751	6.758	
CW-17	03/18/15	50	29.6	694152	0.1714	6.929	
CW-17	03/25/15	57	25.1	806430	0.1689	7.098	
CW-17	04/09/15	72	23.092	1081472	0.2084	7.306	
CW-17	04/22/15	85	22.192	1087787	0.2014	7.508	
CW-17	05/07/15	100	18.42	1135489	0.1745	7.682	
CW-17	05/20/15	113	17.366	937912	0.1359	7.818	
CW-17	06/15/15	139	13.056	2269408	0.2472	8.065	
CW-17	07/15/15	169	11.133	2925930	0.2718	8.337	
				Total:		8.3372	
Well	Sampling Date	Days Since Extraction System Re-Start	Sulphorhodamine B Concentration (µg/l) from Crawford Lab Reports	gals. Pumped by CW-13 since previous date	lbs. recovered since previous date	Total lbs. of SRB Recovered	
CW-13	01/27/15	0.1	ND	62937	0	0	
CW-13	01/28/15	1	ND	46682	0	0	
CW-13	01/30/15	3	ND	222113	0	0	
CW-13	02/02/15	6	B	333206	0	0	
CW-13	02/06/15	10	0.09	444325	0.0003	0.000	
CW-13	02/11/15	15	0.109	555371	0.0005	0.001	
CW-13	02/18/15	22	0.142	777558	0.0009	0.002	
CW-13	02/25/15	29	0.48	777588	0.0031	0.005	
CW-13	03/04/15	36	0.285	767879	0.0018	0.007	
CW-13	03/11/15	43	0.14	762530	0.0009	0.008	
CW-13	03/18/15	50	0.171	762511	0.0011	0.009	
CW-13	03/25/15	57	0.146	763476	0.0009	0.010	
CW-13	04/09/15	72	0.124	1274890	0.0013	0.011	
CW-13	04/22/15	85	0.174	1434585	0.0021	0.013	
CW-13	05/07/15	100	0.141	1632683	0.0019	0.015	
CW-13	05/20/15	113	0.159	1393699	0.0018	0.017	
CW-13	06/15/15	139	0.112	2787435	0.0026	0.019	
CW-13	07/15/15	169	0.045	3216270	0.0012	0.021	
				total:		0.0206	
Total lbs. SRB Recovered by CW-17 and CW-13 as of 7/15/2015 =							
8.3578							

B denotes Background Concentration

Recovery of Sulphorhodamine B by CW-17

