

Appendix B Design Concentrations, 1997-2017

Design Concentrations, 1997-2017

Year Period	Count	Max	2nd Max	3rd Max	4th Max	5th Max	6th Max	Nth Max	Design Conc	DC (flagged, concurred removed)	Flagged dates	Flagged value	Concurred (*)	Notes:
1995_1996_1997	180	210	160	148	127			1	210	148	6/21/1997	160		7/3/1997 value 210 not flagged ¹
1996_1997_1998	178	215	210	160	148			1	215	148	7/10/1998	215		Wallula Farm 1995-2002
1997_1998_1999	174	297	215	210	160	135		1	297	135	6/23/1999	297		6/23/1999 Wallula Farm
1998_1999_2000	173	297	215	215	135			1	297	135	8/10/2000	215		8/10/2000 Wallula Farm
1999_2000_2001	172	297	215	126	109			1	297	126	5/2/2002	134		5/2/2002 Wallula Farm
2000_2001_2002	174	215	197	134	126			1	215	126	9/29/2002	197		9/29/2002 Wallula Farm ²
2001_2002_2003	229	197	134	109	99			1	197	109	10/30/2003	282	*	Burbank: 2003-2010
2002_2003_2004	350	197	134	83	71			2	134	71	4/27/2004	249	*	10/30/2003 Burbank
2003_2004_2005	651	145	116	111	103			2	116	116	3/12/2005	203	*	3/12/2005 Burbank
2004_2005_2006	899	145	136	131	124			3	131	131	3/29/2005	164	*	3/29/2005 Burbank
2005_2006_2007	1057	169	145	136	131	124		4	131	124	4/9/2007	169		4/9/2007 169 above the NAAQS; not flagged
2006_2007_2008	1040	169	168	136	131			3	136	131	10/4/2009	289		
2007_2008_2009	1015	169	168	112	107			3	112	107	8/28/2011	158		Kennewick 2011-2017
2008_2009_2010	1041	168	112	107	105			3	107	107	9/15/2013	226	*	
2009_2010_2011	1014	158	112	107	87			3	107	87	10/28/2013	222	*	
2010_2011_2012	1029	158	112	112	89			3	112	89	11/2/2013	619	*	
2011_2012_2013	987	158	112	92	89			3	92	89	1/11/2014	215		
2012_2013_2014	993	215	130	112	104			3	112	104	8/14/2015	589	*	
2013_2014_2015	968	332	215	208	130	113	104	3	208	104	10/30/2015	208		
2014_2015_2016	974	332	215	208	130	113	104	3	208	104	11/17/2015	332		

Appendix B Design Concentrations, 1997-2017

Year Period	Count	Max	2nd Max	3rd Max	4th Max	5th Max	6th Max	Nth Max	Design Conc	DC (flagged, concurred removed)	Flagged dates	Flagged value	Concurred (*)	Notes:
2015_2016_2017	1020	332	208	196	113	106	102	3	196	102	9/5/2017	261	*	
											9/6/2017	207	*	
											9/7/2017	196		

Bold, italics is Design Concentration

¹ 7/3/1997 value 210 not flagged, but identified as natural event see note in original plan (127 noted in first plan) Note in 2005 plan: Wallula Design Values, 1995-2003, Table Look-up Method, Revised September 23, 2004⁴Since the first high (210) for 1977 is actually an exceptional event-though EPA and Ecology have built an attainment plan around it-and the second high (160) is a natural event, the third high (127) is provided in parenthesis. If the 1997 first and second maxima are discounted, this is also the design value.

Wallula Port was a trial location; not the compliance monitor. Some values of interest:

- 10/30/2003 value of 134 was below NAAQS but concurred upon
- 11/11/2003 218

Also of note: 7/10/2008: Value of 168 at Burbank not flagged; Farm was still the compliance monitor