

**ARDGLEN QUARRY EPL #1115 - DEPOSITIONAL DUST GAUGES**

	Insoluble Solids (g/m <sup>2</sup> month)			Insoluble Solids Annual Average (g/m <sup>2</sup> month)		
	EPA2	EPA3	EPA4	EPA2	EPA3	EPA4
	May-07	2.4	0.5	1.3		
Jun-07	0.4	1.4	0.9			
Jul-07	1	1	1.1			
Aug-07	0.9	0.3	1.6			
Sep-07	1.2	1.3	1.5			
Oct-07	1	1	1.1			
Nov-07	0.6	0.6	0.8			
Dec-07	1	0.7	1			
Jan-08	1.3	0.5	3.6			
Feb-08	1	0.9	0.9			
Mar-08	1.6	1.6	2.6			
Apr-08	2.4	2.1	5.9	1.2	1	1.9
May-08	1.3	1.2	1.8	1.1	1.1	1.9
Jun-08	1.7	0.9	1.6	1.3	1	2
Jul-08	1.2	1.1	1.2	1.3	1	2
Aug-08	2.5	1.6	1.3	1.4	1.1	1.9
Sep-08	0.3	0.3	1.1	1.3	1	1.9
Oct-08	1.2	0.8	1.5	1.3	1	1.9
Nov-08	2.8	1.7	2.4	1.5	1.1	2.1
Dec-08	3.4	0.7	0.8	1.7	1.1	2.1
Jan-09	2.2	0.8	4.7	1.8	1.1	2.2
Feb-09	2	2.2	11	1.9	1.3	3
Mar-09	2.3	1.2	3.9	1.9	1.2	3.1
Apr-09	1.3	0.8	3.9	1.9	1.1	2.9
May-09	1.1	0.5	2.9	1.8	1.1	3
Jun-09	1.3	0.8	1	1.8	1	3
Jul-09	1.8	3.5	1.1	1.9	1.2	3
Aug-09	1.8	0.9	1	1.8	1.2	2.9
Sep-09	5.2	4.2	5	2.2	1.5	3.3
Oct-09	14.4c	1.9	5.3	2.3	1.6	3.6
Nov-09	2.3	1.5	9.7	2.2	1.6	4.2
Dec-09	3.9	1.2	3.4	2.3	1.6	4.4
Jan-10	3.1	0.8	2.9	2.4	1.6	4.3
Feb-10	2.9	3.6c	4.8	2.5	1.6	3.7
Mar-10	2.3	0.9	7.3	2.5	1.5	4
Apr-10	1.8	1.3	2.4	2.5	1.6	3.9
May-10	2.2	1.3	2.5	2.6	1.7	3.9
Jun-10	2.9	1.2	2.5	2.7	1.7	4
Jul-10	0.8	0.2	1.2	2.7	1.4	4
Aug-10	2.6	1	0.5	2.7	1.4	4
Sep-10	2	0.4	1.6	2.4	1.1	3.7
Oct-10	2.4	0.4	2.4	2.4	0.9	3.4
Nov-10	4	1	4.2	2.6	0.9	3
Dec-10	13.6c	0.8	2.2	2.5	0.8	2.9
Jan-11	2.7	0.5	6.6	2.4	0.8	3.2
Feb-11	3.7	0.7	5.2	2.5	0.8	3.2
Mar-11	6.5	2.6	0.5	2.9	1	2.7

	Insoluble Solids (g/m <sup>2</sup> month)			Insoluble Solids Annual Average (g/m <sup>2</sup> month)		
	EPA2	EPA3	EPA4	EPA2	EPA3	EPA4
Apr-11	0.9	3.2	1	2.8	1.1	2.5
May-11	1.6	1.6	2.6	2.7	1.1	2.5
Jun-11	0.6	0.4	1.4	2.5	1.1	2.5
Jul-11	4	2.6c	1.9	2.8	1.1	2.5
Aug-11	5.7	0.6	3.2	3.1	1.1	2.7
Sep-11	4.3	0.7	6.5	3.3	1.1	3.1
Oct-11	2.6	0.6	4.9	3.3	1.2	3.4
Nov-11	2.3	0.8	1.9	3.2	1.1	3.2
Dec-11	3.1c	0.4	3.8	3.2	1.1	3.3
Jan-12	2	0.4	3.9	3.1	1.1	3.1
Feb-12	0.5	0.6	3	2.8	1.1	2.9
Mar-12	0.2	0.2	0.6	2.2	0.9	2.9
Apr-12	2.1	2.2	1.5	2.4	0.8	2.9
May-12	0.7	0.4	0.3	2.3	0.7	2.7
Jun-12	4.5	0.2	0.2	2.6	0.6	2.6
Jul-12	0.4	0.2	0.4	2.3	0.6	2.5
Aug-12	0.5	0.6	0.2	1.8	0.6	2.3
Sep-12	0.7	0.7	1	1.5	0.6	1.8
Oct-12	0.8	1	1.9	1.3	0.6	1.6
Nov-12	0.8	1	1			
Dec-12	0.5	0.8	1.8			
Jan-13	0.5	0.9	0.9			
Feb-13	0.6	0.9	0.6			
Mar-13	0.4	0.6	0.3			
Apr-13	0.1	0.1	0.2			
May-13	0.3	0.5	0.4	0.5	0.8	0.8
Jun-13	0.3	0.3	0.2	0.5	0.6	0.7
Jul-13	0.3	0.2	0.2	0.5	0.5	0.6
Aug-13	0.8	0.9	0.8	0.5	0.6	0.7
Sep-13	0.8	0.6	0.8	0.5	0.6	0.7
Oct-13	1.6	1.7	2.1	0.6	0.7	0.8
Nov-13	0.8	0.5	0.6	0.6	0.6	0.8
Dec-13	1.7	0.8	0.7	0.7	0.7	0.7
Jan-14	0.6	0.9	0.9	0.7	0.7	0.7
Feb-14	1	-	1.8	0.7	0.7	0.8
Mar-14	0.6	0.4	0.3	0.8	0.6	0.8
Apr-14	0.5	0.4	0.5	0.8	0.7	0.8
May-14	0.5	0.7	0.6	0.8	0.8	0.8
Jun-14	0.3	0.2	0	0.8	0.7	0.8
Jul-14	0.3	0.3	0.4	0.8	0.7	0.9
Aug-14	0.5	0.4	0.3	0.8	0.6	0.8
Sep-14	0.8	1	0.8	0.8	0.7	0.8
Oct-14	0.9	0.9	1.1	0.7	0.6	0.7
Nov-14	1.8	1.3	1.8	0.8	0.7	0.8
Dec-14	1.3	1.1	1.5	0.8	0.7	0.9
Jan-15	0.6	0	0.9	0.8	0.7	0.9
Feb-15	3	0.6	0.7	0.9	0.7	0.8
Mar-15	1.6	2.8	2.3	1	0.9	1
Apr-15	0.2	0.6	0.5	1	0.9	1
May-15	0.4	0.2	0.6	1	0.9	1

	Insoluble Solids (g/m <sup>2</sup> month)			Insoluble Solids Annual Average (g/m <sup>2</sup> month)		
	EPA2	EPA3	EPA4	EPA2	EPA3	EPA4
Jun-15	0.1	0.4	0.2	1	0.9	0.9
Jul-15	0.2	0.3	0.4	1	0.9	0.9
Aug-15	0.2	0.2	0.3	1	0.9	0.9
Sep-15	0.8	0.4	0.4	1	0.8	0.9
Oct-15	0.6	1.1	0.8	1	0.8	0.9
Nov-15	0.8	0.9	1.8	0.9	0.8	0.9
Dec-15	0.6	0	0.5	0.8	0.8	0.8
Jan-16	0.7	0	1	0.8	0.8	0.8
Feb-16	0.7	0.6	6.4	0.6	0.8	1.3
Mar-16	0.2	0	0.4	0.5	0.5	1.1
Apr-16	0.5	0	0.5	0.5	0.5	1.1
May-16	0.4	0.5	0.3	0.5	0.6	1.1
Jun-16	0.5	0.5	0.4	0.5	0.6	1.1
Jul-16	0.3	0.2	0.2	0.5	0.6	1.1
Aug-16	0.3	0.4	0.4	0.5	0.6	1.1
Sep-16	0.5	0.6	0.4	0.5	0.6	1.1
Oct-16	0.4	0.8	0.8	0.5	0.6	1.1
Nov-16	0.2	0.9	0.7	0.4	0.6	1
Dec-16	1.5	1.3	1	0.5	0.6	1
Jan-17	0.7	0.7	1.1	0.5	0.7	1.1
Feb-17	1.1	1.4	1.3	0.6	0.7	0.6
Mar-17	0.5	0.5	0.6	0.6	0.7	0.6
Apr-17	0.4	0.5	0.3	0.6	0.7	0.6
May-17	0.7	1.8	0.4	0.6	0.8	0.6
Jun-17	0.4	0.4	0.4	0.6	0.8	0.6
Jul-17	0.2	0.4	0.4	0.6	0.8	0.7
Aug-17	0.4	0.4	0.4	0.6	0.8	0.7
Sep-17	0.8	0.8	1.2	0.6	0.8	0.7
Oct-17	0.3	0.9	0.4	0.6	0.8	0.7
Nov-17	0.3	0.5	0.4	0.6	0.8	0.7
Dec-17	0.3	0.3	0.5	0.5	0.7	0.6
Jan-18	0.7	1.1	0.7	0.5	0.8	0.6
Feb-18	0.6	0.8	0.8	0.5	0.7	0.6
Mar-18	0.5	3.3	0.6	0.5	1.0	0.6
Apr-18	0.2	0.6	0.4	0.5	1.0	0.6
May-18	0.8	0.7	0.6	0.5	0.9	0.6
Jun-18	0.4	0.5	0.3	0.5	0.9	0.6
Jul-18	0.4	0.7	0.5	0.5	0.9	0.8

	Insoluble Solids (g/m <sup>2</sup> month)			Insoluble Solids Annual Average (g/m <sup>2</sup> month)		
	EPA2	EPA3	EPA4	EPA2	EPA3	EPA4
Aug-18	0.7	0.7	0.8	0.5	0.9	0.6
Sep-18	4	3.9	3.2	0.8	1.2	0.8
Oct-18	0.9	5.2	0.7	0.8	1.6	0.8
Nov-18	2.6	2.8	2.3	1	1.7	1
Dec-18	2.2	1.4	2	1.2	1.8	1.1
3/1/19 to 4/2/19	0.9	1.2	1.7	1.2	1.8	1.2
4/2/19 to 4/3/19	1.2	2.8	1.6	1.2	2	1.2
4/3/19 to 2/4/19	1.8	1.6	1.9	1.3	1.9	1.3
2/4/19 to 3/5/19	0.6	2.1	0.5	1.4	2	1.3
3/5/19 to 3/6/19	0.3	0.5	0.1	1.3	2	1.3
3/6/19 to 5/7/19	0.2	0.4	0.3	1.3	2	1.3
5/7/19 to 5/8/19	0.3	0.3	0.3	1.3	1.9	1.3
5/8/19 to 6/9/19	0.6	0.9	1	1.3	1.9	1.3
6/9/19 to 8/10/19	1.1	1.3	1	1.1	1.7	1
8/10/19 to 8/11/19	2.1	2.7	3.1	1.2	1.5	1.3
8/11/19 to 10/12/19	2.6	3.2	2.8	1.2	1.6	1.4
10/12/19 to 09/1/20	2.4	2.9	3.1	1.2	1.7	1.5
9/01/20 to 6/02/20	2.5	2.8	2.7	1.3	1.8	1.6
6/02/20 to 5/03/20	1.1	1	0.8	1.3	1.7	1.5
5/3/20 to 3/4/20	0.6	0.9	0.9	1.2	1.6	1.4
3/4/20 to 1/5/20	1	1	0.8	1.2	1.5	1.5
1/5/20 to 2/6/20	0.2	0.2	0.3	1.2	1.2	1.5
2/6/20 to 1/7/20	0.3	0.2	0.4	1.2	1.5	1.5
1/7/20 to 31/7/20	0.1	0.2	0.2	1.2	1.5	1.5
31/7/20 to 1/9/20	0.4	0.1	0.2	1.2	1.4	1.4
1/9/20 to 2/10/20	0.5	0.5	0.7	1.2	1.4	1.4
2/10/20 to 3/11/20	0.7	0.7	0.7	1.2	1.2	1.2
3/11/20 to 3/12/20	1.4	1.2	0.9	0.9	1	1
3/12/20 to 4/01/21	1.4	1.2	0.7	0.9	0.8	0.8
4/01/21 to 2/2/21	0.6	0.4	0.3	0.7	0.6	0.6

	Insoluble Solids (g/m <sup>2</sup> month)			Insoluble Solids Annual Average (g/m <sup>2</sup> month)		
	EPA2	EPA3	EPA4	EPA2	EPA3	EPA4
2/2/21 to 2/3/21	0.4	0.4	0.2	0.6	0.6	0.5
2/3/21 to 1/4/21	0.3	0.3	0.3	0.6	0.5	0.5
1/4/21 to 3/5/21	0.2	0.4	0.3	0.5	0.5	0.4
3/5/21 to 4/6/21	0.3	0.2	0.2	0.5	0.5	0.4
4/6/21 to 6/7/21	0.3	0.2	0.2	0.6	0.5	0.4
6/7/21 to 4/8/21	0.4	0.5	0.5	0.6	0.5	0.4
4/8/21 to 1/9/21	0.4	0.5	0.4	0.6	0.5	0.5
1/9/21 to 1/10/21	0.2	1.2	0.5	0.6	0.6	0.4
1/10/21 to 1/11/21	0.7	1.2	0.8	0.6	0.6	0.4
1/11/21 to 3/12/21	1.5	1	0.9	0.6	0.6	0.4
3/12/21 to 4/1/22	0.6	0.7	0.7	0.5	0.6	0.4
4/1/22 to 2/2/22	0.8	0.5	0.5	0.5	0.6	0.5
2/2/22 to 4/3/22	0.3	0.4	0.2	0.5	0.6	0.5
4/3/22 to 5/4/22	0.5	0.4	0.3	0.5	0.6	0.5
5/4/22 to 3/5/22	0.1	0.2	0.4	0.5	0.6	0.5
3/5/22 to 2/6/22	0.3	0.5	0.3	0.5	0.6	0.5
2/6/22 to 4/7/22	0.3	0.3	0.3	0.5	0.6	0.5
4/7/22 to 3/8/22	0.2	0.5	0.3	0.5	0.6	0.5
3/8/22 to 2/9/22	0.1	0.2	0.1	0.5	0.6	0.4
2/9/22 to 4/10/22	0.2	0.3	0.2	0.5	0.5	0.4
4/10/22 to 4/11/22	0.5	0.5	0.3	0.5	0.5	0.4
4/11/22 to 5/12/22	0.5	0.7	0.7	0.4	0.4	0.4
5/12/22 to 4/1/23	1.8	1.1	0.7	0.5	0.5	0.4
4/1/23 to 3/2/23	1.2	0.5	1.1	0.5	0.5	0.3
3/2/23 to 7/3/23	0.6	0.4	0.3	0.5	0.5	0.4
7/3/23 to 4/4/23	0.2	0.2	0.3	0.5	0.5	0.4
4/4/23 to 5/5/23	0.3	0.4	0.2	0.5	0.5	0.4
5/5/23 to 5/6/23	0.2	0.2	0.3	0.5	0.4	0.4
5/6/23 to 6/7/23	0.3	0.3	0.1	0.5	0.4	0.4

	Insoluble Solids (g/m <sup>2</sup> month)			Insoluble Solids Annual Average (g/m <sup>2</sup> month)		
	EPA2	EPA3	EPA4	EPA2	EPA3	EPA4
6/7/23 to 4/8/23	0.2	0.2	0.2	0.5	0.4	0.4
4/8/23 to 5/9/23	0.4	0.6	0.5	0.5	0.5	0.4
5/9/23 to 4/10/23	0.6	0.8	0.7	0.5	0.5	0.5
4/10/23 to 2/11/23	0.6	0.4	0.4	0.6	0.5	0.5
2/11/23 to 4/12/23	0.7	0.7	0.5	0.6	0.5	0.5
4/12/23 to 5/1/24	0.2	3.2	0.4	0.5	0.7	0.4
5/1/24 to 5/2/24	1.9	0.7	0.8	0.5	0.7	0.4
5/2/24 to 4/3/24	3.2	0.4	0.7	0.7	0.7	0.4
4/3/24 to 4/4/24	1.1	0.7	0.4	0.8	0.8	0.5
4/4/24 to 3/5/24	0.7	0.4	1.5	0.8	0.8	0.5
3/5/24 to 4/6/24	0.3	0.3	0.3	0.9	0.8	0.5
4/6/24 to 5/7/24	0.2	0.3	0.3	0.8	0.7	0.6
5/7/24 to 5/8/24	0.3	0.3	0.4	0.9	0.8	0.6
5/8/24 to 4/9/24	0.3	0.2	0.4	0.8	0.8	0.6
4/9/24 to 3/10/24	1.1	1.1	1	0.9	0.8	0.6
3/10/24 to 4/11/24	0.4	1.6	0.8	0.9	0.9	0.6