

Diamond Petrochemicals Canada Corporation 1,3-Butadiene Monitors



	August 31 st , 2022 (ug/m ³)	2022 Average (YTD) (ug/m ³)
1	0.96	0.69
2	2.71	0.87
3	0.82	0.57
4	1.36	0.48
5	0.74	0.41
6	0.17	0.20

Point of Impingement Limit = 2.0 ug/m³

Diamond Petrochemicals Canada Corporation: 1,3-Butadiene Fenceline Monitoring - 2022

Monitor Location #1
E 0383543
N 4755905

Sample Start Date	Sample End Date	1,3-Butadiene (ug/m ³)
December 22/21	January 5, 2022	<0.40
January 5, 2022	January 19, 2022	<0.34
January 19, 2022	February 2, 2022	0.53
February 2, 2022	February 16, 2022	<0.34
February 16, 2022	March 2, 2022	<0.34
March 2nd, 2022	March 16, 2022	1.44
March 16, 2022	March 30, 2022	0.68
March 30, 2022	April 13, 2022	2.39
April 13, 2022	April 27, 2022	<0.34
April 27, 2022	May 11, 2022	1.22
May 11, 2022	May 25, 2022	0.71
May 25, 2022	June 8, 2022	0.73
June 8, 2022	June 22, 2022	1.91
June 22, 2022	July 6, 2022	<0.33
July 6, 2022	July 20, 2022	<0.33
July 20, 2022	Aug. 3, 2022	0.42
Aug. 3, 2022	Aug. 17, 2022	<0.33
Aug. 17, 2022	Aug. 31, 2022	0.96
Average		0.69

Monitor Location #2
E 0383781
N 4756013

Sample Start Date	Sample End Date	1,3-Butadiene (ug/m ³)
December 22/21	January 5, 2022	<0.47
January 5, 2022	January 19, 2022	0.51
January 19, 2022	February 2, 2022	0.68
February 2, 2022	February 16, 2022	0.86
February 16, 2022	March 2, 2022	0.39
March 2nd, 2022	March 16, 2022	1.74
March 16, 2022	March 30, 2022	<0.34
March 30, 2022	April 13, 2022	0.72
April 13, 2022	April 27, 2022	<0.34
April 27, 2022	May 11, 2022	0.54
May 11, 2022	May 25, 2022	0.99
May 25, 2022	June 8, 2022	0.69
June 8, 2022	June 22, 2022	4.16
June 22, 2022	July 6, 2022	0.63
July 6, 2022	July 20, 2022	<0.33
July 20, 2022	Aug. 3, 2022	<0.33
Aug. 3, 2022	Aug. 17, 2022	<0.33
Aug. 17, 2022	Aug. 31, 2022	2.71
Average		0.87

Monitor Location #3
E 0384093
N 4755833

Sample Start Date	Sample End Date	1,3-Butadiene (ug/m ³)
December 22/21	January 5, 2022	<0.37
January 5, 2022	January 19, 2022	<0.34
January 19, 2022	February 2, 2022	<0.34
February 2, 2022	February 16, 2022	0.43
February 16, 2022	March 2, 2022	0.55
March 2nd, 2022	March 16, 2022	0.64
March 16, 2022	March 30, 2022	0.56
March 30, 2022	April 13, 2022	0.83
April 13, 2022	April 27, 2022	0.43
April 27, 2022	May 11, 2022	<0.33
May 11, 2022	May 25, 2022	1.36
May 25, 2022	June 8, 2022	0.45
June 8, 2022	June 22, 2022	2.55
June 22, 2022	July 6, 2022	0.45
July 6, 2022	July 20, 2022	<0.33
July 20, 2022	Aug. 3, 2022	<0.33
Aug. 3, 2022	Aug. 17, 2022	<0.33
Aug. 17, 2022	Aug. 31, 2022	0.82
Average		0.57

Monitor Location #4
E 0383953
N 4755328

Sample Start Date	Sample End Date	1,3-Butadiene (ug/m ³)
December 22/21	January 5, 2022	<0.33
January 5, 2022	January 19, 2022	<0.34
January 19, 2022	February 2, 2022	<0.34
February 2, 2022	February 16, 2022	0.63
February 16, 2022	March 2, 2022	0.58
March 2, 2022	March 16, 2022	0.44
March 16, 2022	March 30, 2022	0.89
March 30, 2022	April 13, 2022	0.67
April 13, 2022	April 27, 2022	<0.34
April 27, 2022	May 11, 2022	0.63
May 11, 2022	May 25, 2022	0.48
May 25, 2022	June 8, 2022	<0.33
June 8, 2022	June 22, 2022	0.66
June 22, 2022	July 6, 2022	<0.33
July 6, 2022	July 20, 2022	<0.33
July 20, 2022	Aug. 3, 2022	0.67
Aug. 3, 2022	Aug. 17, 2022	<0.33
Aug. 17, 2022	Aug. 31, 2022	1.36
Average		0.48

Monitor Location #5
E 0383589
N 4755252

Sample Start Date	Sample End Date	1,3-Butadiene (ug/m ³)
December 22/21	January 5, 2022	<0.33
January 5, 2022	January 19, 2022	<0.34
January 19, 2022	February 2, 2022	<0.34
February 2, 2022	February 16, 2022	<0.34
February 16, 2022	March 2, 2022	0.35
March 2, 2022	March 16, 2022	<0.34
March 16, 2022	March 30, 2022	<0.34
March 30, 2022	April 13, 2022	0.71
April 13, 2022	April 27, 2022	<0.34
April 27, 2022	May 11, 2022	1.74
May 11, 2022	May 25, 2022	0.44
May 25, 2022	June 8, 2022	<0.33
June 8, 2022	June 22, 2022	1.15
June 22, 2022	July 6, 2022	<0.33
July 6, 2022	July 20, 2022	<0.33
July 20, 2022	Aug. 3, 2022	<0.33
Aug. 3, 2022	Aug. 17, 2022	<0.33
Aug. 17, 2022	Aug. 31, 2022	0.74
Average		0.41

Monitor Location #6
E 0383213
N 4755589

Sample Start Date	Sample End Date	1,3-Butadiene (ug/m ³)
December 22/21	January 5, 2022	<0.33
January 5, 2022	January 19, 2022	<0.34
January 19, 2022	February 2, 2022	<0.34
February 2, 2022	February 16, 2022	<0.34
February 16, 2022	March 2, 2022	<0.34
March 2, 2022	March 16, 2022	<0.34
March 16, 2022	March 30, 2022	<0.34
March 30, 2022	April 13, 2022	<0.34
April 13, 2022	April 27, 2022	<0.34
April 27, 2022	May 11, 2022	0.44
May 11, 2022	May 25, 2022	<0.33
May 25, 2022	June 8, 2022	<0.33
June 8, 2022	June 22, 2022	<0.33
June 22, 2022	July 6, 2022	<0.33
July 6, 2022	July 20, 2022	<0.33
July 20, 2022	Aug. 3, 2022	0.43
Aug. 3, 2022	Aug. 17, 2022	<0.33
Aug. 17, 2022	Aug. 31, 2022	<0.33
Average		0.20