

Tables

Table 1. Combined Large Woody Debris Removal Summary Data
 Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
 Enbridge Energy, Limited Partnership

Removed Large Woody Debris Data												
Mile Post	Large Tree	Medium Tree	Small Tree	Large Log	Medium Log	Small Log	Large Buried Log/Stump	Medium Buried Log/Stump	Small Buried Log/Stump	Unknown Size Tree	Unknown Size Log	Total
MP 2.00 - MP 2.25	0	0	0	0	0	0	0	0	0	0	0	0
MP 2.25 - MP 2.50	0	0	0	0	0	0	0	0	0	0	0	0
MP 2.50 - MP 2.75	0	0	0	0	0	0	0	0	0	0	0	0
MP 2.75 - MP 3.00	0	0	0	0	0	0	0	0	0	0	0	0
MP 3.00 - MP 3.25	0	0	0	0	0	0	0	0	0	0	0	0
MP 3.25 - MP 3.50	0	0	0	0	0	0	0	0	0	0	0	0
MP 3.50 - MP 3.75	0	0	0	0	0	0	0	0	0	0	0	0
MP 3.75 - MP 4.00	0	0	0	0	0	0	0	0	0	0	0	0
MP 4.00 - MP 4.25	1	0	0	0	0	0	0	0	0	0	0	1
MP 4.25 - MP 4.50	0	0	0	0	1	1	0	0	0	0	0	2
MP 4.50 - MP 4.75	0	0	0	0	0	0	0	0	0	0	0	0
MP 4.75 - MP 5.00	0	0	0	0	0	0	0	0	0	0	0	0
MP 5.00 - MP 5.25	0	1	0	0	0	0	0	0	0	0	0	1
MP 5.25 - MP 5.50	0	0	0	1	1	1	0	0	0	0	0	3
MP 5.50 - MP 5.75	0	0	0	0	0	0	0	0	0	0	0	0
MP 5.75 - MP 6.00	1	0	1	0	9	3	0	0	0	0	0	14
MP 6.25 - MP 6.50	1	1	0	22	2	0	0	0	0	0	0	26
MP 6.50 - MP 6.75	0	2	3	4	4	3	0	0	0	1	1	18
MP 6.75 - MP 7.00	3	0	0	3	0	0	0	0	0	0	0	6
MP 7.25 - MP 7.50	0	0	0	2	2	0	0	0	0	0	0	4
MP 7.75 - MP 8.00	0	1	0	1	5	2	0	0	0	0	0	9
MP 8.00 - MP 8.25	0	0	0	5	2	0	0	0	0	0	0	7
MP 8.25 - MP 8.50	0	0	0	6	4	1	0	0	0	0	0	11
MP 8.50 - MP 8.75	4	0	0	0	3	0	0	0	0	0	0	7
MP 8.75 - MP 9.00	0	0	0	0	2	0	0	0	0	0	0	2
MP 9.00 - MP 9.25	0	0	0	0	1	0	0	0	0	0	0	1
MP 9.50 - MP 9.75	0	0	0	0	1	1	0	0	0	0	0	2
MP 10.00 - MP 10.25	0	0	0	1	2	1	0	0	0	0	0	4
MP 10.25 - MP 10.50	0	1	0	0	2	0	0	0	0	0	0	3
MP 10.50 - MP 10.75	0	1	0	5	5	0	0	0	0	0	0	11
MP 10.75 - MP 11.00	3	0	1	0	1	0	0	0	0	0	0	5
MP 11.00 - MP 11.25	8	0	0	2	0	0	0	0	0	0	0	10
MP 11.25 - MP 11.50	0	0	0	0	0	0	0	0	0	1	0	1
MP 11.50 - MP 11.75	15	0	0	0	0	0	0	0	0	0	0	15
MP 11.75 - MP 12.00	0	0	0	5	0	0	0	0	0	0	0	5
MP 12.25 - MP 12.50	0	0	0	0	0	0	0	0	0	3	0	3
MP 12.50 - MP 12.75	0	0	2	1	0	0	0	0	0	0	0	3
MP 13.00 - MP 13.25	0	0	0	0	1	0	0	0	0	0	0	1

Table 1. Combined Large Woody Debris Removal Summary Data
 Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
 Enbridge Energy, Limited Partnership

Removed Large Woody Debris Data												
Mile Post	Large Tree	Medium Tree	Small Tree	Large Log	Medium Log	Small Log	Large Buried Log/Stump	Medium Buried Log/Stump	Small Buried Log/Stump	Unknown Size Tree	Unknown Size Log	Total
MP 13.50 - MP 13.75	1	4	1	0	2	0	0	0	0	0	0	8
MP 13.75 - MP 14.00	2	0	0	8	0	0	0	0	0	0	0	10
MP 14.00 - MP 14.25	4	2	3	11	11	4	0	0	0	3	0	38
MP 14.25 - MP 14.50	11	5	0	31	16	1	0	0	0	5	0	69
MP 14.50 - MP 14.75	2	0	0	10	6	2	0	0	0	5	0	25
MP 14.75 - MP 15.00	0	0	0	0	9	2	0	0	0	4	0	15
MP 15.00 - MP 15.25	1	2	0	3	4	0	0	0	0	4	0	14
MP 15.25 - MP 15.50	0	0	0	2	2	0	0	0	0	0	0	4
MP 15.50 - MP 15.75	0	0	0	0	0	0	0	0	0	0	0	0
MP 18.50 - MP 18.75	0	0	0	0	1	0	0	0	0	0	0	1
MP 18.75 - MP 19.00	0	0	0	1	0	2	0	0	0	0	0	3
MP 19.00 - MP 19.25	1	2	0	2	0	4	0	0	0	0	0	9
MP 19.25 - MP 19.50	0	4	2	2	4	11	0	0	0	0	0	23
MP 19.50 - MP 19.75	1	0	0	0	2	1	0	0	0	0	0	4
MP 19.75 - MP 20.00	0	0	0	6	0	0	0	0	0	0	0	6
MP 20.00 - MP 20.25	8	5	0	0	0	0	0	0	0	0	0	13
MP 20.50 - MP 20.75	0	0	0	0	1	1	0	0	0	0	0	2
MP 21.00 - MP 21.25	3	7	2	3	4	3	0	0	0	0	0	22
MP 21.25 - MP 21.50	2	0	0	0	3	8	0	0	0	0	0	13
MP 21.50 - MP 21.75	0	0	0	5	0	0	0	0	0	0	0	5
MP 21.75 - MP 22.00	0	0	0	1	0	3	0	0	0	0	0	4
MP 22.00 - MP 22.25	2	0	0	7	3	0	0	0	0	0	0	12
MP 22.25 - MP 22.50	3	0	0	2	0	0	0	0	0	0	0	5
MP 22.50 - MP 22.75	0	0	0	5	0	0	0	0	0	0	0	5
MP 22.75 - MP 23.00	2	0	0	4	2	0	0	0	0	0	0	8
MP 23.00 - MP 23.25	0	0	1	0	0	0	0	0	0	0	0	1
MP 23.75 - MP 24.00	2	0	0	2	0	2	0	0	0	0	0	6
MP 24.25 - MP 24.50	3	0	0	0	2	0	0	0	0	0	0	5
MP 24.50 - MP 24.75	0	0	0	0	2	0	0	0	0	0	0	2
MP 24.75 - MP 25.00	0	0	0	0	1	0	0	0	0	0	0	1
MP 25.50 - MP 25.75	4	1	1	1	7	0	0	0	0	0	0	14
MP 25.75 - MP 26.00	1	0	0	0	2	1	0	0	0	0	0	4
MP 26.00 - MP 26.25	5	0	0	5	1	3	0	0	0	0	0	14
MP 26.25 - MP 26.50	3	0	0	0	3	0	0	0	0	0	0	6
MP 26.50 - MP 26.75	2	0	0	1	1	0	0	0	0	0	0	4
MP 26.75 - MP 27.00	1	1	0	1	0	0	0	0	0	0	0	3
MP 27.00 - MP 27.25	4	0	0	15	1	1	0	0	0	0	0	21
MP 27.25 - MP 27.50	2	3	2	8	4	1	0	0	0	0	0	20

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Removed Large Woody Debris Data												
Mile Post	Large Tree	Medium Tree	Small Tree	Large Log	Medium Log	Small Log	Large Buried Log/Stump	Medium Buried Log/Stump	Small Buried Log/Stump	Unknown Size Tree	Unknown Size Log	Total
MP 27.50 - MP 27.75	0	0	1	1	2	0	0	0	0	0	0	4
MP 27.75 - MP 28.00	0	0	0	3	0	0	0	0	0	0	0	3
MP 28.00 - MP 28.25	2	2	0	11	4	0	0	0	0	0	0	19
MP 28.25 - MP 28.50	2	0	0	5	3	0	0	0	0	0	0	10
MP 28.50 - MP 28.75	4	0	1	5	4	1	0	0	0	0	0	15
MP 28.75 - MP 29.00	3	2	0	3	0	0	0	0	0	0	0	8
MP 29.00 - MP 29.25	6	5	0	9	7	4	0	0	0	0	0	31
MP 29.25 - MP 29.50	0	0	0	2	0	0	0	0	0	0	0	2
MP 29.50 - MP 29.75	1	0	0	6	0	0	0	0	0	0	0	7
MP 29.75 - MP 30.00	3	0	0	0	1	0	0	0	0	0	0	4
MP 30.00 - MP 30.25	0	2	0	0	4	0	0	0	0	0	0	6
MP 30.50 - MP 30.75	2	1	0	1	0	0	0	0	0	0	0	4
MP 30.75 - MP 31.00	0	0	1	0	1	0	0	0	0	0	0	2
MP 31.00 - MP 31.25	1	1	0	0	0	0	0	0	0	0	0	2
MP 31.75 - MP 32.00	4	3	0	0	4	0	0	0	0	0	0	11
MP 32.00 - MP 32.25	1	0	0	2	1	0	0	0	0	0	0	4
MP 32.25 - MP 32.50	2	2	0	8	5	0	0	0	0	0	0	17
MP 32.50 - MP 32.75	4	3	1	1	4	1	0	0	0	0	0	14
MP 32.75 - MP 33.00	1	0	0	1	0	0	0	0	0	0	0	2
MP 33.00 - MP 33.25	1	0	0	13	2	0	0	0	0	0	0	16
MP 33.25 - MP 33.50	4	0	0	6	3	1	0	0	0	0	0	14
MP 33.50 - MP 33.75	7	3	0	15	9	0	0	0	0	0	0	34
MP 33.75 - MP 34.00	5	2	1	18	4	1	0	0	0	0	0	31
MP 34.00 - MP 34.25	5	0	0	0	3	2	0	0	0	0	0	10
MP 34.25 - MP 34.50	0	1	0	9	3	0	0	0	0	0	0	13
MP 34.50 - MP 34.75	0	2	0	3	0	3	0	0	0	0	0	8
MP 34.75 - MP 35.00	1	0	0	4	1	1	0	0	0	0	0	7
MP 35.00 - MP 35.25	0	0	0	6	2	0	0	0	0	0	0	8
MP 35.25 - MP 35.50	2	0	0	21	3	3	0	0	0	0	0	29
MP 35.50 - MP 35.75	1	1	0	26	25	4	0	0	0	0	0	57
MP 35.75 - MP 36.00	13	1	0	27	15	3	0	0	0	0	0	59
MP 36.00 - MP 36.25	7	2	0	14	18	5	0	0	0	0	0	46
MP 36.25 - MP 36.50	1	2	2	11	3	1	0	0	0	0	0	20
MP 36.50 - MP 36.75	1	0	0	1	8	0	8	38	134	0	0	190
MP 36.75 - MP 37.00	4	2	1	10	16	9	13	84	303	0	0	442
MP 37.00 - MP 37.25	8	1	0	38	26	13	13	84	414	0	0	597
MP 37.25 - MP 37.50	0	0	0	11	7	1	35	157	263	0	0	474
MP 37.50 - MP 37.75	0	0	0	0	0	0	36	39	68	0	0	143

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Removed Large Woody Debris Data												
Mile Post	Large Tree	Medium Tree	Small Tree	Large Log	Medium Log	Small Log	Large Buried Log/Stump	Medium Buried Log/Stump	Small Buried Log/Stump	Unknown Size Tree	Unknown Size Log	Total
MP 37.75 - MP 38.00	0	0	0	0	0	0	120	64	87	0	0	271
MP 38.00 - MP 38.25	0	0	0	0	0	0	109	78	107	0	0	294
MP 38.25 - MP 38.50	0	0	0	0	0	0	10	7	9	0	0	26
TOTAL	202	81	27	485	330	116	344	551	1,385	26	1	3,548

Footnotes:

MP = Mile Post

Table 2. Large Woody Debris 2013 Survey Summary Data
 Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
 Enbridge Energy, Limited Partnership

2013 Surveyed Large Woody Debris Data							
Mile Post	Large Tree	Medium Tree	Small Tree	Large Log	Medium Log	Small Log	Total
MP 2.00 - MP 2.25	8	2	8	18	9	17	62
MP 2.25 - MP 2.50	15	0	5	15	10	26	71
MP 2.50 - MP 2.75	10	3	7	12	22	40	94
MP 2.75 - MP 3.00	0	2	4	1	2	10	19
MP 3.00 - MP 3.25	6	5	5	4	9	14	43
MP 3.25 - MP 3.50	5	2	1	7	14	8	37
MP 3.50 - MP 3.75	5	1	2	1	9	17	35
MP 3.75 - MP 4.00	4	2	11	9	14	19	59
MP 4.00 - MP 4.25	2	0	2	5	17	22	48
MP 4.25 - MP 4.50	3	1	0	4	5	20	33
MP 4.50 - MP 4.75	3	0	1	4	15	22	45
MP 4.75 - MP 5.00	0	0	5	0	3	4	12
MP 5.00 - MP 5.25	0	3	0	0	8	3	14
MP 5.25 - MP 5.50	0	0	0	4	9	6	19
MP 5.50 - MP 5.75	1	0	0	1	3	6	11
MP 5.75 - MP 6.00	0	0	0	0	0	7	7
MP 6.25 - MP 6.50	0	1	0	0	1	1	3
MP 6.50 - MP 6.75	0	0	0	4	0	5	9
MP 6.75 - MP 7.00	0	0	0	0	0	0	0
MP 7.25 - MP 7.50	0	0	0	2	0	2	4
MP 7.75 - MP 8.00	2	1	5	4	5	18	35
MP 8.00 - MP 8.25	1	0	0	10	1	13	25
MP 8.25 - MP 8.50	0	0	0	0	0	3	3
MP 8.50 - MP 8.75	1	2	0	5	0	6	14
MP 8.75 - MP 9.00	1	0	0	1	1	2	5
MP 9.00 - MP 9.25	0	0	0	0	0	0	0
MP 9.50 - MP 9.75	1	0	1	0	0	5	7
MP 10.00 - MP 10.25	0	0	0	2	3	1	6
MP 10.25 - MP 10.50	4	0	1	2	5	6	18
MP 10.50 - MP 10.75	4	1	1	1	4	8	19
MP 10.75 - MP 11.00	1	0	1	0	3	2	7
MP 11.00 - MP 11.25	4	0	1	2	1	0	8
MP 11.25 - MP 11.50	0	0	0	0	0	0	0
MP 11.50 - MP 11.75	0	0	0	0	0	1	1
MP 11.75 - MP 12.00	1	1	0	0	2	2	6

Table 2. Large Woody Debris 2013 Survey Summary Data
 Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
 Enbridge Energy, Limited Partnership

2013 Surveyed Large Woody Debris Data							
Mile Post	Large Tree	Medium Tree	Small Tree	Large Log	Medium Log	Small Log	Total
MP 12.25 - MP 12.50	0	0	0	0	0	0	0
MP 12.50 - MP 12.75	0	1	0	1	0	5	7
MP 13.00 - MP 13.25	0	0	0	0	0	0	0
MP 13.50 - MP 13.75	0	0	1	1	1	2	5
MP 13.75 - MP 14.00	18	4	5	20	26	47	120
MP 14.00 - MP 14.25	22	2	9	15	23	34	105
MP 14.25 - MP 14.50	6	6	3	22	25	59	121
MP 14.50 - MP 14.75	13	2	5	27	16	37	100
MP 14.75 - MP 15.00	2	2	4	6	6	22	42
MP 15.00 - MP 15.25	3	1	1	7	6	18	36
MP 15.25 - MP 15.50	1	2	0	7	2	13	25
MP 15.50 - MP 15.75	1	0	0	4	4	1	10
MP 18.50 - MP 18.75	0	0	0	3	0	0	3
MP 18.75 - MP 19.00	0	0	0	0	0	0	0
MP 19.00 - MP 19.25	2	0	0	2	1	3	8
MP 19.25 - MP 19.50	0	1	3	0	1	3	8
MP 19.50 - MP 19.75	1	1	1	0	0	2	5
MP 19.75 - MP 20.00	0	0	1	0	0	7	8
MP 20.00 - MP 20.25	0	0	0	9	5	7	21
MP 20.50 - MP 20.75	0	0	0	0	1	1	2
MP 21.00 - MP 21.25	9	0	0	17	3	11	40
MP 21.25 - MP 21.50	13	3	2	12	38	12	80
MP 21.50 - MP 21.75	3	1	2	4	0	0	10
MP 21.75 - MP 22.00	2	1	0	0	1	2	6
MP 22.00 - MP 22.25	0	0	0	0	0	0	0
MP 22.25 - MP 22.50	0	0	0	2	0	1	3
MP 22.50 - MP 22.75	1	0	0	0	2	2	5
MP 22.75 - MP 23.00	0	2	2	0	3	2	9
MP 23.00 - MP 23.25	0	1	0	0	0	0	1
MP 23.75 - MP 24.00	1	0	0	5	0	0	6
MP 24.25 - MP 24.50	0	0	2	0	0	0	2
MP 24.50 - MP 24.75	0	0	0	1	0	0	1
MP 24.75 - MP 25.00	1	0	0	0	0	0	1
MP 25.50 - MP 25.75	6	5	6	3	5	9	34
MP 25.75 - MP 26.00	0	0	1	0	0	0	1

Table 2. Large Woody Debris 2013 Survey Summary Data
 Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
 Enbridge Energy, Limited Partnership

2013 Surveyed Large Woody Debris Data							
Mile Post	Large Tree	Medium Tree	Small Tree	Large Log	Medium Log	Small Log	Total
MP 26.00 - MP 26.25	4	0	0	3	0	0	7
MP 26.25 - MP 26.50	1	2	1	3	1	4	12
MP 26.50 - MP 26.75	0	0	0	0	0	0	0
MP 26.75 - MP 27.00	0	0	0	0	0	0	0
MP 27.00 - MP 27.25	0	0	3	2	3	10	18
MP 27.25 - MP 27.50	1	0	0	1	3	10	15
MP 27.50 - MP 27.75	0	0	0	0	0	0	0
MP 27.75 - MP 28.00	0	0	0	0	0	0	0
MP 28.00 - MP 28.25	1	0	1	0	0	2	4
MP 28.25 - MP 28.50	3	0	1	0	2	3	9
MP 28.50 - MP 28.75	3	0	0	3	2	9	17
MP 28.75 - MP 29.00	3	2	0	3	4	5	17
MP 29.00 - MP 29.25	5	1	0	7	6	14	33
MP 29.25 - MP 29.50	0	0	0	2	0	0	2
MP 29.50 - MP 29.75	0	0	0	0	0	0	0
MP 29.75 - MP 30.00	0	0	3	0	17	10	30
MP 30.00 - MP 30.25	0	0	0	0	1	0	1
MP 30.50 - MP 30.75	2	3	1	0	1	2	9
MP 30.75 - MP 31.00	0	1	1	0	0	3	5
MP 31.00 - MP 31.25	0	0	0	0	0	0	0
MP 31.75 - MP 32.00	2	0	0	12	4	15	33
MP 32.00 - MP 32.25	3	0	1	0	1	4	9
MP 32.25 - MP 32.50	7	4	5	0	3	8	27
MP 32.50 - MP 32.75	1	1	0	1	3	7	13
MP 32.75 - MP 33.00	0	0	0	0	0	5	5
MP 33.00 - MP 33.25	0	0	0	0	1	0	1
MP 33.25 - MP 33.50	0	0	0	1	2	14	17
MP 33.50 - MP 33.75	1	2	2	7	4	13	29
MP 33.75 - MP 34.00	2	0	1	0	2	4	9
MP 34.00 - MP 34.25	0	0	0	0	10	10	20
MP 34.25 - MP 34.50	0	2	0	0	4	4	10
MP 34.50 - MP 34.75	0	1	1	0	0	2	4
MP 34.75 - MP 35.00	0	0	0	1	1	1	3
MP 35.00 - MP 35.25	0	0	0	0	0	3	3
MP 35.25 - MP 35.50	0	0	0	1	4	2	7

Table 2. Large Woody Debris 2013 Survey Summary Data
 Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
 Enbridge Energy, Limited Partnership

2013 Surveyed Large Woody Debris Data							
Mile Post	Large Tree	Medium Tree	Small Tree	Large Log	Medium Log	Small Log	Total
MP 35.50 - MP 35.75	1	0	1	2	5	6	15
MP 35.75 - MP 36.00	2	0	0	2	1	8	13
MP 36.00 - MP 36.25	2	1	1	11	5	19	39
MP 36.25 - MP 36.50	2	2	0	0	5	12	21
MP 36.50 - MP 36.75	2	0	3	1	1	0	7
MP 36.75 - MP 37.00	5	4	4	2	8	11	34
MP 37.00 - MP 37.25	5	1	6	3	11	25	51
MP 37.25 - MP 37.50	18	6	4	8	12	42	90
MP 37.50 - MP 37.75	2	2	3	9	18	43	77
MP 37.75 - MP 38.00	11	0	2	30	39	82	164
MP 38.00 - MP 38.25	1	0	0	2	0	0	3
MP 38.25 - MP 38.50	2	1	0	1	1	2	7
TOTAL	279	98	154	404	529	1,030	2,494

Footnotes:

MP = Mile Post

Table 3. Net Difference Between Combined Removal Data and 2013 Survey Data
 Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
 Enbridge Energy, Limited Partnership

Net Difference Between Removal Data and 2013 Survey Data												
Mile Post	Large Tree	Medium Tree	Small Tree	Large Log	Medium Log	Small Log	Large Buried Log/Stump	Medium Buried Log/Stump	Small Buried Log/Stump	Unknown Size Tree	Unknown Size Log	Total
MP 2.00 - MP 2.25	8	2	8	18	9	17	0	0	0	0	0	62
MP 2.25 - MP 2.50	15	0	5	15	10	26	0	0	0	0	0	71
MP 2.50 - MP 2.75	10	3	7	12	22	40	0	0	0	0	0	94
MP 2.75 - MP 3.00	0	2	4	1	2	10	0	0	0	0	0	19
MP 3.00 - MP 3.25	6	5	5	4	9	14	0	0	0	0	0	43
MP 3.25 - MP 3.50	5	2	1	7	14	8	0	0	0	0	0	37
MP 3.50 - MP 3.75	5	1	2	1	9	17	0	0	0	0	0	35
MP 3.75 - MP 4.00	4	2	11	9	14	19	0	0	0	0	0	59
MP 4.00 - MP 4.25	1	0	2	5	17	22	0	0	0	0	0	47
MP 4.25 - MP 4.50	3	1	0	4	4	19	0	0	0	0	0	31
MP 4.50 - MP 4.75	3	0	1	4	15	22	0	0	0	0	0	45
MP 4.75 - MP 5.00	0	0	5	0	3	4	0	0	0	0	0	12
MP 5.00 - MP 5.25	0	2	0	0	8	3	0	0	0	0	0	13
MP 5.25 - MP 5.50	0	0	0	3	8	5	0	0	0	0	0	16
MP 5.50 - MP 5.75	1	0	0	1	3	6	0	0	0	0	0	11
MP 5.75 - MP 6.00	-1	0	-1	0	-9	4	0	0	0	0	0	-7
MP 6.25 - MP 6.50	-1	0	0	-22	-1	1	0	0	0	0	0	-23
MP 6.50 - MP 6.75	0	-2	-3	0	-4	2	0	0	0	-1	-1	-9
MP 6.75 - MP 7.00	-3	0	0	-3	0	0	0	0	0	0	0	-6
MP 7.25 - MP 7.50	0	0	0	0	-2	2	0	0	0	0	0	0
MP 7.75 - MP 8.00	2	0	5	3	0	16	0	0	0	0	0	26
MP 8.00 - MP 8.25	1	0	0	5	-1	13	0	0	0	0	0	18
MP 8.25 - MP 8.50	0	0	0	-6	-4	2	0	0	0	0	0	-8
MP 8.50 - MP 8.75	-3	2	0	5	-3	6	0	0	0	0	0	7
MP 8.75 - MP 9.00	1	0	0	1	-1	2	0	0	0	0	0	3
MP 9.00 - MP 9.25	0	0	0	0	-1	0	0	0	0	0	0	-1
MP 9.50 - MP 9.75	1	0	1	0	-1	4	0	0	0	0	0	5
MP 10.00 - MP 10.25	0	0	0	1	1	0	0	0	0	0	0	2
MP 10.25 - MP 10.50	4	-1	1	2	3	6	0	0	0	0	0	15
MP 10.50 - MP 10.75	4	0	1	-4	-1	8	0	0	0	0	0	8
MP 10.75 - MP 11.00	-2	0	0	0	2	2	0	0	0	0	0	2
MP 11.00 - MP 11.25	-4	0	1	0	1	0	0	0	0	0	0	-2
MP 11.25 - MP 11.50	0	0	0	0	0	0	0	0	0	-1	0	-1
MP 11.50 - MP 11.75	-15	0	0	0	0	1	0	0	0	0	0	-14
MP 11.75 - MP 12.00	1	1	0	-5	2	2	0	0	0	0	0	1
MP 12.25 - MP 12.50	0	0	0	0	0	0	0	0	0	-3	0	-3
MP 12.50 - MP 12.75	0	1	-2	0	0	5	0	0	0	0	0	4
MP 13.00 - MP 13.25	0	0	0	0	-1	0	0	0	0	0	0	-1

Table 3. Net Difference Between Combined Removal Data and 2013 Survey Data
 Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
 Enbridge Energy, Limited Partnership

Net Difference Between Removal Data and 2013 Survey Data												
Mile Post	Large Tree	Medium Tree	Small Tree	Large Log	Medium Log	Small Log	Large Buried Log/Stump	Medium Buried Log/Stump	Small Buried Log/Stump	Unknown Size Tree	Unknown Size Log	Total
MP 13.50 - MP 13.75	-1	-4	0	1	-1	2	0	0	0	0	0	-3
MP 13.75 - MP 14.00	16	4	5	12	26	47	0	0	0	0	0	110
MP 14.00 - MP 14.25	18	0	6	4	12	30	0	0	0	-3	0	67
MP 14.25 - MP 14.50	-5	1	3	-9	9	58	0	0	0	-5	0	52
MP 14.50 - MP 14.75	11	2	5	17	10	35	0	0	0	-5	0	75
MP 14.75 - MP 15.00	2	2	4	6	-3	20	0	0	0	-4	0	27
MP 15.00 - MP 15.25	2	-1	1	4	2	18	0	0	0	-4	0	22
MP 15.25 - MP 15.50	1	2	0	5	0	13	0	0	0	0	0	21
MP 15.50 - MP 15.75	1	0	0	4	4	1	0	0	0	0	0	10
MP 18.50 - MP 18.75	0	0	0	3	-1	0	0	0	0	0	0	2
MP 18.75 - MP 19.00	0	0	0	-1	0	-2	0	0	0	0	0	-3
MP 19.00 - MP 19.25	1	-2	0	0	1	-1	0	0	0	0	0	-1
MP 19.25 - MP 19.50	0	-3	1	-2	-3	-8	0	0	0	0	0	-15
MP 19.50 - MP 19.75	0	1	1	0	-2	1	0	0	0	0	0	1
MP 19.75 - MP 20.00	0	0	1	-6	0	7	0	0	0	0	0	2
MP 20.00 - MP 20.25	-8	-5	0	9	5	7	0	0	0	0	0	8
MP 20.50 - MP 20.75	0	0	0	0	0	0	0	0	0	0	0	0
MP 21.00 - MP 21.25	6	-7	-2	14	-1	8	0	0	0	0	0	18
MP 21.25 - MP 21.50	11	3	2	12	35	4	0	0	0	0	0	67
MP 21.50 - MP 21.75	3	1	2	-1	0	0	0	0	0	0	0	5
MP 21.75 - MP 22.00	2	1	0	-1	1	-1	0	0	0	0	0	2
MP 22.00 - MP 22.25	-2	0	0	-7	-3	0	0	0	0	0	0	-12
MP 22.25 - MP 22.50	-3	0	0	0	0	1	0	0	0	0	0	-2
MP 22.50 - MP 22.75	1	0	0	-5	2	2	0	0	0	0	0	0
MP 22.75 - MP 23.00	-2	2	2	-4	1	2	0	0	0	0	0	1
MP 23.00 - MP 23.25	0	1	-1	0	0	0	0	0	0	0	0	0
MP 23.75 - MP 24.00	-1	0	0	3	0	-2	0	0	0	0	0	0
MP 24.25 - MP 24.50	-3	0	2	0	-2	0	0	0	0	0	0	-3
MP 24.50 - MP 24.75	0	0	0	1	-2	0	0	0	0	0	0	-1
MP 24.75 - MP 25.00	1	0	0	0	-1	0	0	0	0	0	0	0
MP 25.50 - MP 25.75	2	4	5	2	-2	9	0	0	0	0	0	20
MP 25.75 - MP 26.00	-1	0	1	0	-2	-1	0	0	0	0	0	-3
MP 26.00 - MP 26.25	-1	0	0	-2	-1	-3	0	0	0	0	0	-7
MP 26.25 - MP 26.50	-2	2	1	3	-2	4	0	0	0	0	0	6
MP 26.50 - MP 26.75	-2	0	0	-1	-1	0	0	0	0	0	0	-4
MP 26.75 - MP 27.00	-1	-1	0	-1	0	0	0	0	0	0	0	-3
MP 27.00 - MP 27.25	-4	0	3	-13	2	9	0	0	0	0	0	-3
MP 27.25 - MP 27.50	-1	-3	-2	-7	-1	9	0	0	0	0	0	-5

Table 3. Net Difference Between Combined Removal Data and 2013 Survey Data
 Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
 Enbridge Energy, Limited Partnership

Net Difference Between Removal Data and 2013 Survey Data												
Mile Post	Large Tree	Medium Tree	Small Tree	Large Log	Medium Log	Small Log	Large Buried Log/Stump	Medium Buried Log/Stump	Small Buried Log/Stump	Unknown Size Tree	Unknown Size Log	Total
MP 27.50 - MP 27.75	0	0	-1	-1	-2	0	0	0	0	0	0	-4
MP 27.75 - MP 28.00	0	0	0	-3	0	0	0	0	0	0	0	-3
MP 28.00 - MP 28.25	-1	-2	1	-11	-4	2	0	0	0	0	0	-15
MP 28.25 - MP 28.50	1	0	1	-5	-1	3	0	0	0	0	0	-1
MP 28.50 - MP 28.75	-1	0	-1	-2	-2	8	0	0	0	0	0	2
MP 28.75 - MP 29.00	0	0	0	0	4	5	0	0	0	0	0	9
MP 29.00 - MP 29.25	-1	-4	0	-2	-1	10	0	0	0	0	0	2
MP 29.25 - MP 29.50	0	0	0	0	0	0	0	0	0	0	0	0
MP 29.50 - MP 29.75	-1	0	0	-6	0	0	0	0	0	0	0	-7
MP 29.75 - MP 30.00	-3	0	3	0	16	10	0	0	0	0	0	26
MP 30.00 - MP 30.25	0	-2	0	0	-3	0	0	0	0	0	0	-5
MP 30.50 - MP 30.75	0	2	1	-1	1	2	0	0	0	0	0	5
MP 30.75 - MP 31.00	0	1	0	0	-1	3	0	0	0	0	0	3
MP 31.00 - MP 31.25	-1	-1	0	0	0	0	0	0	0	0	0	-2
MP 31.75 - MP 32.00	-2	-3	0	12	0	15	0	0	0	0	0	22
MP 32.00 - MP 32.25	2	0	1	-2	0	4	0	0	0	0	0	5
MP 32.25 - MP 32.50	5	2	5	-8	-2	8	0	0	0	0	0	10
MP 32.50 - MP 32.75	-3	-2	-1	0	-1	6	0	0	0	0	0	-1
MP 32.75 - MP 33.00	-1	0	0	-1	0	5	0	0	0	0	0	3
MP 33.00 - MP 33.25	-1	0	0	-13	-1	0	0	0	0	0	0	-15
MP 33.25 - MP 33.50	-4	0	0	-5	-1	13	0	0	0	0	0	3
MP 33.50 - MP 33.75	-6	-1	2	-8	-5	13	0	0	0	0	0	-5
MP 33.75 - MP 34.00	-3	-2	0	-18	-2	3	0	0	0	0	0	-22
MP 34.00 - MP 34.25	-5	0	0	0	7	8	0	0	0	0	0	10
MP 34.25 - MP 34.50	0	1	0	-9	1	4	0	0	0	0	0	-3
MP 34.50 - MP 34.75	0	-1	1	-3	0	-1	0	0	0	0	0	-4
MP 34.75 - MP 35.00	-1	0	0	-3	0	0	0	0	0	0	0	-4
MP 35.00 - MP 35.25	0	0	0	-6	-2	3	0	0	0	0	0	-5
MP 35.25 - MP 35.50	-2	0	0	-20	1	-1	0	0	0	0	0	-22
MP 35.50 - MP 35.75	0	-1	1	-24	-20	2	0	0	0	0	0	-42
MP 35.75 - MP 36.00	-11	-1	0	-25	-14	5	0	0	0	0	0	-46
MP 36.00 - MP 36.25	-5	-1	1	-3	-13	14	0	0	0	0	0	-7
MP 36.25 - MP 36.50	1	0	-2	-11	2	11	0	0	0	0	0	1
MP 36.50 - MP 36.75	1	0	3	0	-7	0	-8	-38	-134	0	0	-183
MP 36.75 - MP 37.00	1	2	3	-8	-8	2	-13	-84	-303	0	0	-408
MP 37.00 - MP 37.25	-3	0	6	-35	-15	12	-13	-84	-414	0	0	-546
MP 37.25 - MP 37.50	18	6	4	-3	5	41	-35	-157	-263	0	0	-384
MP 37.50 - MP 37.75	2	2	3	9	18	43	-36	-39	-68	0	0	-66

Table 3. Net Difference Between Combined Removal Data and 2013 Survey Data
 Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
 Enbridge Energy, Limited Partnership

Net Difference Between Removal Data and 2013 Survey Data												
Mile Post	Large Tree	Medium Tree	Small Tree	Large Log	Medium Log	Small Log	Large Buried Log/Stump	Medium Buried Log/Stump	Small Buried Log/Stump	Unknown Size Tree	Unknown Size Log	Total
MP 37.75 - MP 38.00	11	0	2	30	39	82	-120	-64	-87	0	0	-107
MP 38.00 - MP 38.25	1	0	0	2	0	0	-109	-78	-107	0	0	-291
MP 38.25 - MP 38.50	2	1	0	1	1	2	-10	-7	-9	0	0	-19
TOTAL	77	17	127	-81	199	914	-344	-551	-1,385	-26	-1	-1,054

Footnotes:
 MP = Mile Post

Table 4. LWD Attributes Observed and Recorded During Assessment
 Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
 Enbridge Energy, Limited Partnership

LWD Attribute	LWD Sub-Attributes
Location	Left
	Center
	Right
Type	Tree
	Log
	Stump
	Complex Pile
Size	Small
	Medium
	Large
Stability	Immobile
	Semi-Immobile
	Mobile
Orientation	Parallel
	Diagonal
	Perpendicular
Function	Pool
	Amphibian/Reptile
	Fish
	Bank Protection
Orientation Causes Erosion	
% Submergence of LWD	0-10% (Very Low)
	10-30% (Low)
	30-80% (Medium)
	>80% (High)

Footnotes:

LWD = Large Woody Debris

Table 5. Summary of LWD Types by Target Area
 Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
 Enbridge Energy, Limited Partnership

Summary of LWD Types by Target Area																					
Target Area	Complex Pile					Log					Tree					Stump					All Types
	S	M	L	Total	% Target Area	S	M	L	Total	% Target Area	S	M	L	Total	% Target Area	S	M	L	Total	% Target Area	Total
MP 5.75 - MP 6.75	16	8	7	31	49%	2	4	13	19	30%	0	2	10	12	19%	0	1	0	1	2%	63
MP 7.38 - MP 8.25	12	3	12	27	37%	3	7	22	32	44%	1	3	8	12	16%	1	0	1	2	3%	73
MP 10.50 - MP 11.00	9	6	14	29	60%	3	2	6	11	23%	0	2	5	7	15%	1	0	0	1	2%	48
MP 11.75	1	2	4	7	35%	2	1	1	4	20%	0	2	5	7	35%	1	0	1	2	10%	20
MP 12.50	5	0	5	10	42%	2	1	2	5	21%	3	2	4	9	38%	0	0	0	0	0%	24
MP 14.75	0	1	0	1	20%	0	0	0	0	0%	2	0	2	4	80%	0	0	0	0	0%	5
MP 19.25 - MP 20.25	35	12	18	65	56%	8	12	18	38	32%	2	3	8	13	11%	1	0	0	1	1%	117
MP 21.25 - MP 22.75	36	26	59	121	56%	4	16	30	50	23%	1	12	30	43	20%	0	1	2	3	1%	217
MP 24.38	10	4	18	32	60%	0	6	5	11	21%	0	4	6	10	19%	0	0	0	0	0%	53
MP 25.63 - MP 27.63	37	20	55	112	51%	6	15	23	44	20%	4	9	45	58	26%	3	1	2	6	3%	220
MP 28.00 - MP 29.25	28	15	28	71	52%	7	7	24	38	28%	1	3	20	24	18%	1	1	2	4	3%	137
MP 29.63 - MP 30.50	14	14	27	55	64%	0	1	11	12	14%	1	3	8	12	14%	6	0	1	7	8%	86
MP 31.75 - MP 32.00	2	3	14	19	51%	1	3	8	12	32%	0	0	5	5	14%	1	0	0	1	3%	37
MP 32.25 - MP 32.75	5	5	20	30	45%	3	8	9	20	30%	0	4	10	14	21%	1	1	0	2	3%	66
MP 33.13 - MP 34.00	12	7	21	40	47%	3	5	12	20	24%	0	4	9	13	15%	1	1	10	12	14%	85
MP 34.25 - MP 34.75	8	6	25	39	53%	2	6	11	19	26%	0	4	9	13	18%	2	0	1	3	4%	74
MP 35.13 - MP 36.25	15	5	37	57	52%	1	6	12	19	17%	0	3	22	25	23%	3	1	4	8	7%	109
MP 36.50 - MP 37.25	17	4	11	32	41%	2	1	13	16	21%	2	5	20	27	35%	1	1	1	3	4%	78
Total	262	141	375	778		49	101	220	370		17	65	226	308		23	8	25	56		1,512

Footnotes:

L = Large

LWD = Large Woody Debris

M = Medium

MP = Mile Post

S = Small

Table 6. Summary of LWD Anchoring by Target Area
 Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
 Enbridge Energy, Limited Partnership

Summary of LWD Anchoring by Target Area						
Target Area	Immobile	% of Target Area	Mobile	% of Target Area	Semi-Immobile	% of Target Area
MP 5.75 - MP 6.75	30	46%	3	5%	32	49%
MP 7.38 - MP 8.25	27	37%	4	5%	42	58%
MP 10.50 - MP 11.00	20	43%	4	9%	23	49%
MP 11.75	15	79%	0	0%	4	21%
MP 12.50	18	75%	0	0%	6	25%
MP 14.75	3	60%	1	20%	1	20%
MP 19.25 - MP 20.25	22	19%	3	3%	90	78%
MP 21.25 - MP 22.75	27	13%	27	13%	157	74%
MP 24.38	1	2%	1	2%	50	96%
MP 25.63 - MP 27.63	34	16%	3	1%	181	83%
MP 28.00 - MP 29.25	28	20%	5	4%	105	76%
MP 29.63 - MP 30.50	15	18%	0	0%	70	82%
MP 31.75 - MP 32.00	5	14%	0	0%	31	86%
MP 32.25 - MP 32.75	9	14%	0	0%	54	86%
MP 33.10 - MP 34.00	23	27%	3	4%	59	69%
MP 34.25	12	18%	3	5%	50	77%
MP 34.25 - MP 34.75	0	0%	0	0%	1	100%
MP 35.10 - MP 36.20	31	29%	2	2%	75	69%
MP 36.50 - MP 37.25	28	36%	3	4%	47	60%
Total	348		62		1,078	

Footnotes:

LWD = Large Woody Debris

MP = Mile Post

Table 7. Summary of LWD Position by Target Area
 Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
 Enbridge Energy, Limited Partnership

Summary of LWD Position by Target Area						
Target Area	Parallel	% of Total	Diagonal	% of Total	Perpendicular	% of Total
MP 5.75 - MP 6.75	25	38%	15	23%	25	38%
MP 7.38 - MP 8.25	35	47%	20	27%	20	27%
MP 10.50 - MP 11.00	18	38%	11	23%	19	40%
MP 11.75	2	11%	2	11%	15	79%
MP 12.50	8	33%	3	13%	13	54%
MP 14.75	1	20%	1	20%	3	60%
MP 19.25 - MP 20.25	56	48%	24	21%	37	32%
MP 21.25 - MP 22.75	51	25%	68	33%	84	41%
MP 24.38	18	34%	6	11%	29	55%
MP 25.63 - MP 27.63	64	29%	31	14%	125	57%
MP 28.00 - MP 29.25	69	50%	12	9%	58	42%
MP 29.63 - MP 30.50	37	43%	12	14%	37	43%
MP 31.75 - MP 32.00	18	49%	10	27%	9	24%
MP 32.25 - MP 32.75	32	48%	11	17%	23	35%
MP 33.10 - MP 34.00	31	36%	6	7%	49	57%
MP 34.25	29	45%	12	19%	25	39%
MP 35.10 - MP 36.20	51	48%	15	14%	41	38%
MP 36.50 - MP 37.25	32	42%	6	8%	39	51%
Total	577		265		651	

Footnotes:

LWD = Large Woody Debris

MP = Mile Post

Table 8. Summary of LWD Submergence by Target Area
 Enbridge Line 6B MP 608 Marshall, MI Pipeline Release
 Enbridge Energy, Limited Partnership

Summary of LWD Submergence by Target Area								
Target Area	0% to 10% Submergence (VL)	% of Target Area	10% to 30% Submergence (L)	% of Target Area	30% to 80% Submergence (M)	% of Target Area	>80% Submergence (H)	% of Target Area
MP 5.75 - MP 6.75	11	18%	36	58%	9	15%	6	10%
MP 7.38 - MP 8.25	36	50%	17	24%	10	14%	9	13%
MP 10.50 - MP 11.00	10	21%	27	57%	8	17%	2	4%
MP 11.75	9	45%	8	40%	0	0%	3	15%
MP 12.50	8	33%	13	54%	2	8%	1	4%
MP 14.75	2	40%	1	20%	1	20%	1	20%
MP 19.25 - MP 20.25	23	20%	73	62%	20	17%	1	1%
MP 21.25 - MP 22.75	34	16%	98	45%	67	31%	20	9%
MP 24.38	22	42%	19	36%	12	23%	0	0%
MP 25.63 - MP 27.63	77	35%	109	50%	25	11%	9	4%
MP 28.00 - MP 29.25	55	39%	54	39%	17	12%	14	10%
MP 29.63 - MP 30.50	22	27%	38	47%	17	21%	4	5%
MP 31.75 - MP 32.00	8	22%	25	68%	4	11%	0	0%
MP 32.25 - MP 32.75	14	21%	37	56%	14	21%	1	2%
MP 33.10 - MP 34.00	13	15%	39	45%	26	30%	8	9%
MP 34.25	12	18%	37	56%	12	18%	7	11%
MP 35.10 - MP 36.20	22	20%	69	62%	15	13%	6	5%
MP 36.50 - MP 37.25	5	6%	46	58%	10	13%	18	23%
Total	383		746		269		110	

Footnotes:

H = High

L = Low

LWD = Large Woody Debris

M = Moderate

MP = Mile Post

VL = Very Low