

Exhibit 34.1

Rule 73.215 Short-Space Protection Studies

FMCommander Single Allocation Study - 01-25-2017 - NED 03 SEC

WXKE.P's Overlaps (In= 7.52 km, Out= 0.13 km)

WXKE.P CH 242 B1 73.215 N

Lat= 41 06 24.0, Lng= 85 11 46.0

8.4 kW 152.4 m HAAT, 401 m COR

Prot.= 57 dBu, Intef.= 48 dBu

WQLK CH 241 B BLH20130325AMC

Lat= 39 53 28.5, Lng= 84 56 09.5

50.0 kW 149.9 m HAAT, 474 m COR

Prot.= 54 dBu, Intef.= 51 dBu

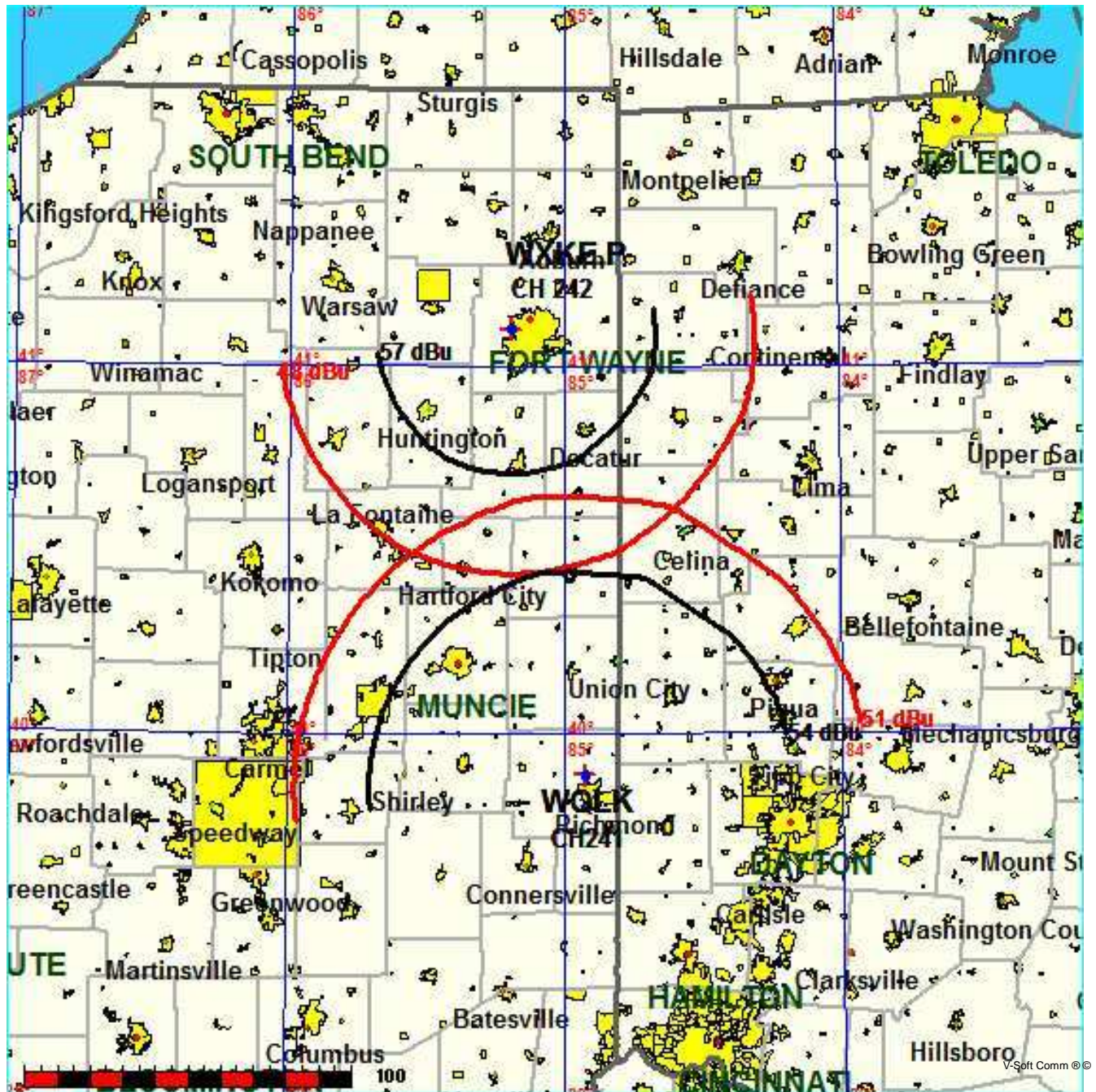


Exhibit 34.1b

Contour Protection Studies Toward Select Station(s)

01-25-2017 Terrain Data: NED 03 SEC FMOver Analysis

WXKE.P

Channel = 242B1
Max ERP = 8.4 kW
RCAMSL = 401 m
N. Lat. 41 06 24.0
W. Lng. 85 11 46.0
Protected
57 dBu

WQLK BLH20130325AMC
(^ Max Class Parameters)
Channel = 241B
Max ERP = 50 kW
RCAMSL = 474.1 m
N. Lat. 39 53 28.5
W. Lng. 84 56 09.5
Interfering
51 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
111.0	008.4000	0168.5	044.8	009.5	050.0000	0123.1	120.7	42.48	
112.0	008.4000	0167.7	044.7	009.4	050.0000	0123.0	119.9	42.61	
113.0	008.4000	0165.6	044.4	009.2	050.0000	0122.8	119.2	42.73	
114.0	008.4000	0164.1	044.3	009.0	050.0000	0122.6	118.5	42.85	
115.0	008.4000	0163.4	044.2	008.9	050.0000	0122.5	117.8	42.97	
116.0	008.4000	0163.3	044.2	008.8	050.0000	0122.4	117.0	43.10	
117.0	008.4000	0163.2	044.2	008.6	050.0000	0122.3	116.3	43.23	
118.0	008.4000	0162.4	044.1	008.5	050.0000	0122.3	115.6	43.35	
119.0	008.4000	0162.4	044.1	008.3	050.0000	0122.3	114.9	43.48	
120.0	008.4000	0161.8	044.0	008.2	050.0000	0122.3	114.2	43.61	
121.0	008.4000	0161.3	043.9	008.0	050.0000	0122.3	113.5	43.74	
122.0	008.4000	0161.2	043.9	007.8	050.0000	0122.2	112.8	43.87	
123.0	008.4000	0160.8	043.9	007.7	050.0000	0122.1	112.2	43.99	
124.0	008.4000	0161.0	043.9	007.5	050.0000	0121.9	111.5	44.12	
125.0	008.4000	0160.7	043.9	007.3	050.0000	0121.7	110.8	44.24	
126.0	008.4000	0160.8	043.9	007.1	050.0000	0121.6	110.1	44.37	
127.0	008.4000	0160.6	043.9	006.9	050.0000	0121.4	109.5	44.50	
128.0	008.4000	0160.4	043.8	006.7	050.0000	0121.2	108.8	44.62	
129.0	008.4000	0160.2	043.8	006.5	050.0000	0121.1	108.2	44.75	
130.0	008.4000	0160.1	043.8	006.2	050.0000	0121.1	107.5	44.88	
131.0	008.4000	0160.0	043.8	006.0	050.0000	0121.2	106.9	45.01	
132.0	008.4000	0159.8	043.8	005.7	050.0000	0121.1	106.3	45.14	
133.0	008.4000	0159.7	043.7	005.5	050.0000	0121.1	105.7	45.27	
134.0	008.4000	0160.1	043.8	005.3	050.0000	0121.1	105.1	45.41	
135.0	008.4000	0160.4	043.8	005.0	050.0000	0121.0	104.5	45.54	
136.0	008.4000	0160.3	043.8	004.7	050.0000	0121.0	103.9	45.67	
137.0	008.4000	0160.3	043.8	004.4	050.0000	0121.0	103.3	45.80	
138.0	008.4000	0160.7	043.9	004.2	050.0000	0121.1	102.8	45.94	
139.0	008.4000	0160.9	043.9	003.9	050.0000	0121.2	102.2	46.08	
140.0	008.4000	0161.0	043.9	003.6	050.0000	0121.3	101.6	46.20	
141.0	008.4000	0161.4	043.9	003.3	050.0000	0121.4	101.1	46.34	
142.0	008.4000	0161.8	044.0	003.0	050.0000	0121.4	100.6	46.47	
143.0	008.4000	0161.3	043.9	002.6	050.0000	0121.5	100.1	46.58	
144.0	008.4000	0161.1	043.9	002.2	050.0000	0121.6	099.6	46.70	
145.0	008.4000	0161.3	043.9	001.9	050.0000	0121.8	099.2	46.83	
146.0	008.4000	0161.6	044.0	001.6	050.0000	0122.2	098.7	46.96	
147.0	008.4000	0162.5	044.1	001.2	050.0000	0122.6	098.1	47.11	
148.0	008.4000	0163.0	044.1	000.9	050.0000	0123.0	097.7	47.24	
149.0	008.4000	0164.1	044.3	000.5	050.0000	0123.2	097.2	47.39	
150.0	008.4000	0164.9	044.3	000.2	050.0000	0123.6	096.7	47.52	
151.0	008.4000	0165.3	044.4	359.8	050.0000	0123.9	096.3	47.64	
152.0	008.4000	0166.0	044.5	359.4	050.0000	0123.9	095.8	47.76	
153.0	008.4000	0166.9	044.6	359.0	050.0000	0124.2	095.4	47.88	
154.0	008.4000	0167.4	044.6	358.6	050.0000	0124.3	095.0	47.99	

Exhibit 34.1b

Contour Protection Studies Toward Select Station(s)

155.0	008.4000	0167.4	044.6	358.2	050.0000	0124.4	094.7	48.08
156.0	008.4000	0167.2	044.6	357.7	050.0000	0124.5	094.4	48.16
157.0	008.4000	0165.9	044.5	357.2	050.0000	0124.9	094.3	48.21
158.0	008.4000	0165.2	044.4	356.8	050.0000	0125.2	094.1	48.27
159.0	008.4000	0164.6	044.3	356.3	050.0000	0125.5	093.9	48.33
160.0	008.4000	0164.6	044.3	355.9	050.0000	0125.8	093.7	48.40
161.0	008.4000	0164.1	044.3	355.4	050.0000	0125.9	093.6	48.44
162.0	008.4000	0163.7	044.2	354.9	050.0000	0126.1	093.4	48.49
163.0	008.4000	0163.4	044.2	354.5	050.0000	0126.4	093.3	48.53
164.0	008.4000	0163.2	044.2	354.0	050.0000	0126.6	093.2	48.58
165.0	008.4000	0162.9	044.1	353.5	050.0000	0126.9	093.1	48.61
166.0	008.4000	0162.8	044.1	353.1	050.0000	0127.2	093.0	48.65
167.0	008.4000	0162.7	044.1	352.6	050.0000	0127.7	092.9	48.69
168.0	008.4000	0162.8	044.1	352.1	050.0000	0128.0	092.9	48.72
169.0	008.4000	0163.0	044.1	351.6	050.0000	0128.4	092.8	48.76
170.0	008.4000	0163.4	044.2	351.2	050.0000	0129.1	092.7	48.80
171.0	008.4000	0163.4	044.2	350.7	050.0000	0129.6	092.7	48.83
172.0	008.4000	0163.7	044.2	350.2	050.0000	0129.9	092.7	48.84
173.0	008.4000	0163.7	044.2	349.7	050.0000	0130.3	092.7	48.85
174.0	008.4000	0163.5	044.2	349.3	050.0000	0130.7	092.8	48.84
175.0	008.4000	0163.4	044.2	348.8	050.0000	0131.0	092.9	48.83
176.0	008.4000	0163.1	044.1	348.3	050.0000	0131.3	093.0	48.81
177.0	008.4000	0162.8	044.1	347.8	050.0000	0131.3	093.2	48.77
178.0	008.4000	0162.9	044.1	347.4	050.0000	0131.0	093.3	48.72
179.0	008.4000	0162.9	044.1	346.9	050.0000	0130.7	093.5	48.67
180.0	008.4000	0162.8	044.1	346.5	050.0000	0130.2	093.7	48.60
181.0	008.4000	0163.4	044.2	346.0	050.0000	0130.0	093.8	48.55
182.0	008.4000	0163.5	044.2	345.5	050.0000	0129.8	094.0	48.49
183.0	008.4000	0163.0	044.1	345.1	050.0000	0129.7	094.3	48.41
184.0	008.4000	0162.6	044.1	344.7	050.0000	0129.5	094.6	48.32
185.0	008.4000	0162.1	044.0	344.2	050.0000	0129.4	094.9	48.23
186.0	008.4000	0162.2	044.0	343.8	050.0000	0129.2	095.2	48.15
187.0	008.4000	0162.4	044.1	343.4	050.0000	0129.0	095.4	48.07
188.0	008.4000	0162.0	044.0	343.0	050.0000	0128.8	095.8	47.97
189.0	008.4000	0162.4	044.1	342.5	050.0000	0128.4	096.1	47.87
190.0	008.4000	0162.1	044.0	342.2	050.0000	0128.3	096.5	47.77
191.0	008.4000	0162.4	044.1	341.7	050.0000	0128.2	096.8	47.68
192.0	008.4000	0162.0	044.0	341.4	050.0000	0128.1	097.2	47.56
193.0	008.4000	0162.1	044.0	341.0	050.0000	0127.9	097.6	47.45
194.0	008.4000	0162.0	044.0	340.6	050.0000	0127.7	098.1	47.33
195.0	008.4000	0162.1	044.0	340.2	050.0000	0127.5	098.5	47.22
196.0	008.4000	0162.3	044.0	339.9	050.0000	0127.6	098.9	47.11
197.0	008.4000	0162.3	044.1	339.5	050.0000	0127.6	099.4	47.00
198.0	008.4000	0162.5	044.1	339.1	050.0000	0127.4	099.8	46.88
199.0	008.4000	0162.3	044.1	338.8	050.0000	0127.2	100.3	46.74
200.0	008.4000	0162.2	044.0	338.5	050.0000	0127.1	100.8	46.61
201.0	008.4000	0161.9	044.0	338.2	050.0000	0127.0	101.4	46.48
202.0	008.4000	0162.0	044.0	337.9	050.0000	0126.9	101.9	46.35
203.0	008.4000	0162.4	044.1	337.5	050.0000	0126.8	102.4	46.23
204.0	008.4000	0163.1	044.1	337.2	050.0000	0126.8	102.9	46.11
205.0	008.4000	0163.1	044.1	336.9	050.0000	0126.6	103.5	45.97
206.0	008.4000	0162.5	044.1	336.7	050.0000	0126.3	104.1	45.81
207.0	008.4000	0162.4	044.1	336.4	050.0000	0126.0	104.7	45.67
208.0	008.4000	0162.1	044.0	336.2	050.0000	0125.9	105.3	45.52
209.0	008.4000	0161.3	043.9	335.9	050.0000	0125.8	106.0	45.37
210.0	008.4000	0160.4	043.8	335.7	050.0000	0125.8	106.7	45.22
211.0	008.4000	0160.0	043.8	335.5	050.0000	0125.8	107.3	45.08
212.0	008.4000	0159.8	043.8	335.3	050.0000	0125.7	108.0	44.94
213.0	008.4000	0159.8	043.8	335.1	050.0000	0125.7	108.6	44.81
214.0	008.4000	0159.5	043.7	334.9	050.0000	0125.8	109.3	44.67
215.0	008.4000	0158.9	043.7	334.7	050.0000	0125.8	110.0	44.53

Exhibit 34.1b

Contour Protection Studies Toward Select Station(s)

216.0	008.4000	0158.5	043.6	334.6	050.0000	0125.9	110.7	44.40
217.0	008.4000	0157.7	043.5	334.4	050.0000	0125.9	111.4	44.26
218.0	008.4000	0157.1	043.4	334.3	050.0000	0125.9	112.1	44.12
219.0	008.4000	0156.5	043.4	334.2	050.0000	0125.9	112.8	43.98
220.0	008.4000	0155.2	043.2	334.1	050.0000	0125.8	113.6	43.84
221.0	008.4000	0154.5	043.1	334.0	050.0000	0125.8	114.3	43.70
222.0	008.4000	0153.2	043.0	333.9	050.0000	0125.7	115.1	43.56
223.0	008.4000	0152.3	042.8	333.8	050.0000	0125.7	115.8	43.43
224.0	008.4000	0151.3	042.7	333.7	050.0000	0125.7	116.5	43.29
225.0	008.4000	0150.1	042.6	333.7	050.0000	0125.7	117.3	43.16
226.0	008.4000	0149.8	042.5	333.6	050.0000	0125.6	118.0	43.03
227.0	008.4000	0149.9	042.5	333.5	050.0000	0125.6	118.7	42.90
228.0	008.4000	0149.9	042.5	333.4	050.0000	0125.6	119.4	42.77
229.0	008.4000	0149.4	042.5	333.3	050.0000	0125.6	120.2	42.64
230.0	008.4000	0148.1	042.3	333.3	050.0000	0125.6	120.9	42.51
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01-25-2017 Terrain Data: NED 03 SEC FMOver Analysis

WQLK BLH20130325AMC
 (^ Max Class Parameters)
 Channel = 241B
 Max ERP = 50 kW
 RCAMSL = 474.1 m
 N. Lat. 39 53 28.5
 W. Lng. 84 56 09.5
 Protected
 54 dBu

WXKE.P
 Channel = 242B1
 Max ERP = 8.4 kW
 RCAMSL = 401 m
 N. Lat. 41 06 24.0
 W. Lng. 85 11 46.0
 Interfering
 48 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
291.0	050.0000	0141.8	063.9	198.5	008.4000	0162.5	118.5	36.32	
292.0	050.0000	0141.3	063.8	198.4	008.4000	0162.5	117.4	36.53	
293.0	050.0000	0140.8	063.8	198.3	008.4000	0162.5	116.3	36.74	
294.0	050.0000	0140.0	063.7	198.2	008.4000	0162.5	115.2	36.96	
295.0	050.0000	0139.5	063.6	198.1	008.4000	0162.5	114.1	37.18	
296.0	050.0000	0139.4	063.6	198.1	008.4000	0162.5	113.0	37.39	
297.0	050.0000	0138.5	063.4	197.9	008.4000	0162.5	111.9	37.61	
298.0	050.0000	0137.9	063.4	197.8	008.4000	0162.5	110.8	37.83	
299.0	050.0000	0137.0	063.2	197.6	008.4000	0162.5	109.7	38.05	
300.0	050.0000	0136.5	063.1	197.4	008.4000	0162.5	108.7	38.28	
301.0	050.0000	0136.5	063.1	197.3	008.4000	0162.5	107.6	38.52	
302.0	050.0000	0135.5	063.0	197.1	008.4000	0162.4	106.6	38.75	
303.0	050.0000	0135.2	063.0	196.9	008.4000	0162.3	105.5	38.99	
304.0	050.0000	0134.7	062.9	196.7	008.4000	0162.3	104.5	39.23	
305.0	050.0000	0134.4	062.8	196.5	008.4000	0162.3	103.5	39.48	
306.0	050.0000	0133.9	062.8	196.3	008.4000	0162.3	102.5	39.73	
307.0	050.0000	0133.6	062.7	196.0	008.4000	0162.3	101.4	39.99	
308.0	050.0000	0133.2	062.6	195.8	008.4000	0162.3	100.5	40.24	
309.0	050.0000	0132.6	062.6	195.5	008.4000	0162.2	099.5	40.50	
310.0	050.0000	0132.1	062.5	195.2	008.4000	0162.1	098.5	40.75	
311.0	050.0000	0131.9	062.5	194.9	008.4000	0162.0	097.5	41.01	
312.0	050.0000	0131.6	062.4	194.6	008.4000	0162.0	096.6	41.27	
313.0	050.0000	0131.1	062.3	194.2	008.4000	0162.0	095.7	41.53	
314.0	050.0000	0131.2	062.3	193.9	008.4000	0162.0	094.7	41.80	
315.0	050.0000	0131.1	062.3	193.6	008.4000	0162.0	093.8	42.07	
316.0	050.0000	0130.7	062.3	193.2	008.4000	0162.1	092.9	42.33	

Exhibit 34.1b
Contour Protection Studies Toward Select Station(s)

317.0	050.0000	0130.4	062.2	192.8	008.4000	0162.0	092.0	42.58
318.0	050.0000	0130.1	062.2	192.4	008.4000	0162.0	091.1	42.83
319.0	050.0000	0130.1	062.2	192.0	008.4000	0162.1	090.3	43.09
320.0	050.0000	0129.7	062.1	191.5	008.4000	0162.2	089.4	43.34
321.0	050.0000	0129.0	062.0	191.0	008.4000	0162.4	088.7	43.58
322.0	050.0000	0128.6	061.9	190.5	008.4000	0162.2	087.9	43.80
323.0	050.0000	0127.7	061.8	190.0	008.4000	0162.1	087.2	44.01
324.0	050.0000	0127.3	061.7	189.5	008.4000	0162.3	086.4	44.24
325.0	050.0000	0128.1	061.9	189.0	008.4000	0162.4	085.6	44.50
326.0	050.0000	0127.7	061.8	188.5	008.4000	0162.2	084.9	44.71
327.0	050.0000	0127.6	061.8	187.9	008.4000	0162.1	084.2	44.92
328.0	050.0000	0127.5	061.8	187.4	008.4000	0162.3	083.5	45.13
329.0	050.0000	0127.5	061.8	186.8	008.4000	0162.4	082.8	45.35
330.0	050.0000	0126.6	061.6	186.1	008.4000	0162.2	082.3	45.51
331.0	050.0000	0126.0	061.5	185.5	008.4000	0162.1	081.7	45.67
332.0	050.0000	0125.9	061.5	184.8	008.4000	0162.2	081.1	45.85
333.0	050.0000	0125.5	061.5	184.2	008.4000	0162.5	080.6	46.04
334.0	050.0000	0125.8	061.5	183.5	008.4000	0162.5	080.0	46.21
335.0	050.0000	0125.7	061.5	182.9	008.4000	0163.1	079.5	46.40
336.0	050.0000	0125.8	061.5	182.2	008.4000	0163.5	079.0	46.57
337.0	050.0000	0126.7	061.6	181.5	008.4000	0163.5	078.4	46.76
338.0	050.0000	0127.0	061.7	180.8	008.4000	0163.4	078.0	46.90
339.0	050.0000	0127.3	061.7	180.1	008.4000	0162.9	077.5	47.02
340.0	050.0000	0127.5	061.8	179.3	008.4000	0162.9	077.1	47.15
341.0	050.0000	0127.9	061.8	178.6	008.4000	0163.0	076.7	47.29
342.0	050.0000	0128.3	061.9	177.8	008.4000	0162.9	076.3	47.40
343.0	050.0000	0128.8	062.0	177.1	008.4000	0162.7	076.0	47.51
344.0	050.0000	0129.3	062.1	176.3	008.4000	0163.1	075.7	47.63
345.0	050.0000	0129.7	062.1	175.5	008.4000	0163.3	075.4	47.72
346.0	050.0000	0130.0	062.2	174.7	008.4000	0163.3	075.2	47.80
347.0	050.0000	0130.7	062.3	173.9	008.4000	0163.5	074.9	47.89
348.0	050.0000	0131.3	062.4	173.0	008.4000	0163.7	074.7	47.97
349.0	050.0000	0130.8	062.3	172.2	008.4000	0163.9	074.7	47.98
350.0	050.0000	0130.1	062.2	171.4	008.4000	0163.4	074.7	47.93
351.0	050.0000	0129.3	062.1	170.5	008.4000	0163.5	074.9	47.90
352.0	050.0000	0128.1	061.9	169.7	008.4000	0163.3	075.1	47.82
353.0	050.0000	0127.3	061.7	168.9	008.4000	0163.0	075.2	47.76
354.0	050.0000	0126.6	061.6	168.1	008.4000	0162.8	075.4	47.68
355.0	050.0000	0126.1	061.6	167.3	008.4000	0162.7	075.6	47.61
356.0	050.0000	0125.7	061.5	166.5	008.4000	0162.8	075.9	47.55
357.0	050.0000	0125.1	061.4	165.7	008.4000	0162.8	076.1	47.46
358.0	050.0000	0124.4	061.3	164.9	008.4000	0162.9	076.5	47.36
359.0	050.0000	0124.2	061.3	164.2	008.4000	0163.2	076.8	47.28
000.0	050.0000	0123.8	061.2	163.4	008.4000	0163.4	077.1	47.18
001.0	050.0000	0122.9	061.1	162.7	008.4000	0163.5	077.6	47.04
002.0	050.0000	0121.8	060.9	162.0	008.4000	0163.7	078.1	46.89
003.0	050.0000	0121.4	060.8	161.3	008.4000	0163.9	078.5	46.76
004.0	050.0000	0121.2	060.8	160.6	008.4000	0164.5	078.9	46.65
005.0	050.0000	0121.0	060.8	159.9	008.4000	0164.5	079.4	46.51
006.0	050.0000	0121.2	060.8	159.2	008.4000	0164.5	079.8	46.37
007.0	050.0000	0121.5	060.8	158.5	008.4000	0164.8	080.3	46.24
008.0	050.0000	0122.3	061.0	157.8	008.4000	0165.4	080.7	46.14
009.0	050.0000	0122.6	061.0	157.1	008.4000	0165.8	081.2	46.00
010.0	050.0000	0123.3	061.1	156.4	008.4000	0166.6	081.7	45.88
011.0	050.0000	0124.1	061.3	155.8	008.4000	0167.5	082.2	45.77
012.0	050.0000	0124.8	061.4	155.1	008.4000	0167.4	082.7	45.60
013.0	050.0000	0125.8	061.5	154.5	008.4000	0167.3	083.2	45.43
014.0	050.0000	0126.0	061.5	153.9	008.4000	0167.4	083.9	45.23
015.0	050.0000	0127.4	061.8	153.3	008.4000	0167.0	084.4	45.05
016.0	050.0000	0129.0	062.0	152.6	008.4000	0166.9	085.0	44.87
017.0	050.0000	0130.3	062.2	152.0	008.4000	0165.9	085.6	44.65

Exhibit 34.1b**Contour Protection Studies Toward Select Station(s)**

018.0	050.0000	0129.2	062.0	151.6	008.4000	0165.5	086.5	44.35
019.0	050.0000	0128.9	062.0	151.1	008.4000	0165.3	087.3	44.10
020.0	050.0000	0128.5	061.9	150.7	008.4000	0165.2	088.2	43.84
021.0	050.0000	0126.8	061.7	150.3	008.4000	0165.0	089.1	43.53
022.0	050.0000	0125.8	061.5	150.0	008.4000	0164.9	090.1	43.25
023.0	050.0000	0124.3	061.3	149.7	008.4000	0164.7	091.1	42.95
024.0	050.0000	0122.6	061.0	149.4	008.4000	0164.5	092.1	42.65
025.0	050.0000	0121.4	060.8	149.1	008.4000	0164.2	093.1	42.36
026.0	050.0000	0120.2	060.6	148.9	008.4000	0164.0	094.1	42.06
027.0	050.0000	0118.9	060.4	148.6	008.4000	0163.8	095.1	41.77
028.0	050.0000	0117.7	060.2	148.4	008.4000	0163.6	096.1	41.48
029.0	050.0000	0116.6	060.0	148.2	008.4000	0163.3	097.1	41.19
030.0	050.0000	0115.9	059.9	148.0	008.4000	0162.9	098.0	40.91
031.0	050.0000	0115.5	059.9	147.7	008.4000	0162.7	099.0	40.64
032.0	050.0000	0115.2	059.8	147.5	008.4000	0162.5	099.9	40.39
033.0	050.0000	0115.3	059.8	147.2	008.4000	0162.5	100.9	40.14
034.0	050.0000	0115.3	059.8	147.0	008.4000	0162.6	101.8	39.90
035.0	050.0000	0115.9	059.9	146.7	008.4000	0162.4	102.8	39.66
036.0	050.0000	0116.8	060.1	146.4	008.4000	0162.1	103.7	39.42
037.0	050.0000	0117.5	060.2	146.2	008.4000	0161.7	104.6	39.18
038.0	050.0000	0118.1	060.3	145.9	008.4000	0161.5	105.6	38.95
039.0	050.0000	0118.7	060.4	145.7	008.4000	0161.5	106.6	38.72
040.0	050.0000	0119.6	060.5	145.5	008.4000	0161.5	107.6	38.50
041.0	050.0000	0120.5	060.7	145.2	008.4000	0161.4	108.5	38.28
042.0	050.0000	0121.8	060.9	145.0	008.4000	0161.3	109.5	38.06
043.0	050.0000	0123.2	061.1	144.8	008.4000	0161.3	110.5	37.85
044.0	050.0000	0124.2	061.3	144.6	008.4000	0161.2	111.5	37.64
045.0	050.0000	0125.3	061.4	144.4	008.4000	0161.2	112.6	37.43
046.0	050.0000	0126.5	061.6	144.2	008.4000	0161.1	113.6	37.23
047.0	050.0000	0127.7	061.8	144.1	008.4000	0161.1	114.6	37.02
048.0	050.0000	0128.3	061.9	144.0	008.4000	0161.1	115.7	36.81
049.0	050.0000	0128.7	062.0	143.9	008.4000	0161.1	116.8	36.61
050.0	050.0000	0128.7	062.0	143.8	008.4000	0161.1	117.8	36.40
