

MINOR CHANGE APPLICATION
OHIO VALLEY COMMUNICATIONS, INC.
WEEL RADIO STATION
CH 239B1 - 95.7 MHZ - 6.75 KW
SHADYSIDE, OHIO
September 2002

EXHIBIT A

WEEL Shortages

As shown on Exhibit A1, WEEL, on Channel 239B1 from the present/proposed site, does not meet the Commission's minimum distance separation requirements, pursuant to §73.207, to the following facilities; WNPQ and WJPA-FM. Although Channel 239B1 was allotted to Shadyside in MM Docket #88-544, with an effective date of July 7, 1989², Ohio Valley Communications, Inc. ("OVC") is specifying a site that does not meet the former 3.0 kilowatt spacing rules to either WNPQ or WJPA-FM. Therefore, OVC requests processing pursuant to §73.215 of the rules. It is noted that an application to increase the power of WNPQ to 4.1 kilowatts at 121 meters is being filed contingent with this instant application. WNPQ was precluded from increasing to a maximum (equivalent) 6.0 kilowatt Class A facility due to a shortage to the vacant allotment on Channel 239B1 at Shadyside, and therefore needed the concurrence of OVC to increase power.³ In exchange for WEEL's concurrence to the increase of power for WNPQ, the licensee of WNPQ consents to WEEL protecting WNPQ to the equivalent maximum Class A facilities at New Philadelphia proposed in the contingently filed application, rather than 6.0 kilowatts at 100 meters height above average terrain.⁴ The shortages to WNPQ and WJPA-FM comply with §73.215(e) of the Commission's rules. The provisions of §73.215 will be met by utilizing a directional antenna system.

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- 2) The allotment was made prior to the implementation of 6.0 kilowatts Class A stations, and was based on the former 3.0 kilowatts spacing requirements.
 - 3) WNPQ had additional shortages that also have been addressed.
 - 4) WNPQ is not seeking processing pursuant to §73.215.

Exhibit A2 specifically demonstrates that there will be no prohibited overlap between the proposed WEEL and proposed WNPQ and authorized WJPA-FM. The contours of WNPQ are based on the applied for values since its application is being filed contingently with the WEEL application. The WJPA-FM facilities are based on 6.0 kilowatts effective radiated power at a height above average terrain (HAAT) of 100 meters. Attached as Exhibits A3 through A6 are the tabulated distances to the protected and interfering contours, along the pertinent arcs, of the proposed WEEL, proposed WNPQ and authorized WJPA-FM. Further, attached as Exhibit A7 are the tabulated and protected contours of the proposed facility, in ten degree increments. Again, there is no prohibited overlap between the facilities.

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SHADYSIDE, OHIO
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EXHIBIT A1

CLEARANCE STUDY FOR WEEL SHADYSIDE, OHIO
USING ACTUAL/PROPOSED SITE AS REFERENCE

REFERENCE		CLASS B1	DISPLAY DATES
40 03 41 N			DATA 09-27-02
80 45 09 W		Current rules spacings	SEARCH 09-27-02
----- CHANNEL 239 - 95.7 MHz -----			

CALL TYPE	CH# LAT	CITY LNG	STATE PWR	BEAR' HT	D-KM D-Mi	R-KM R-Mi	MARGIN (KM)
ALLO	239B1	Shadyside	OH	195.3	3.23	175.0	-171.77
VAC	40 02 00	80 45 45	0.000 kW	0M	2.0	108.8	
WEEL	239A	Shadyside	OH	90.0	0.02	143.0	-142.98
LIC CN	40 03 41	80 45 08	1.700 kW	191M	0.0	88.9	
	Ohio Valley Communications, Inc.			BLH-19900913KC			
* WNPQ	240A	New Philadelphia	OH	313.8	86.58	96.0	-9.42
LIC CN	40 35 51	81 29 32	2.000 kW	121M	53.8	59.7	
	Tuscarawas Broadcasting Company			BLH-19900814KG			
* WNPQ	240A	New Philadelphia	OH	313.8	86.58	96.0	-9.42
APP CN	40 35 51	81 29 32	4.100 kW	121M	53.8	59.7	
	Tuscarawas Broadcasting Company						
* WJPAFM	237A	Washington	PA	71.9	46.45	48.0	-1.55
LIC CN	40 11 23	80 14 02	2.150 kW	119M	28.9	29.8	
	Washington Broadcasting Company			BLH-19850325LB			
WDKL	240A	Grafton	WV	141.4	100.31	96.0	4.31
LIC CX	39 21 16	80 01 27	3.000 kW	91M	62.3	59.7	
	Educational Media Foundation			BMLED-20020521AAC			
WKSTFM	241B	Pittsburgh	PA	60.7	76.91	71.0	5.91
LIC CN	40 23 49	79 57 43	44.000 kW	159M	47.8	44.1	
	Capstar Tx Limited Partnership			BLH-19920206KC			
WKYE	238B	Johnstown	PA	76.5	154.56	145.0	9.56
LIC CN	40 22 18	78 58 57	57.000 kW	323M	96.1	90.1	
	Forever of Johnstown, Inc.			BLH-19880927KA			
WCDK	292A	Cadiz	OH	340.3	22.72	12.0	10.72
LIC CN	40 15 14	80 50 35	2.700 kW	151M	14.1	7.5	
	Priority Communications Ohio			BLH-19910107KC			
WFHFM	238B	Cleveland	OH	338.2	165.54	145.0	20.54
LIC CX	41 26 32	81 29 28	31.000 kW	189M	102.9	90.1	
	Sca License Corporation			BMLH-20020812ABY			
WHOKFM	238B	Lancaster	OH	256.0	170.07	145.0	25.07
LICDCN	39 40 32	82 40 34	21.000 kW	232M	105.7	90.1	
	Infinity Radio Subsidiary			BLH-19941223KB			

* Note: These shortages are addressed under §73.215 of the rules.
See Exhibit A for details.

Graham Brock, Inc. - Broadcast Technical Consultants

WEEL Proposed

Latitude: 40-03-41 N
Longitude: 080-45-09 W
ERP: 6.75 kW
Channel: 239B1
AMSL Height: 509.0 m

WNPQ Proposed

Latitude: 40-35-51 N
Longitude: 081-29-32 W
ERP: 4.10 kW
Channel: 240A
AMSL Height: 439.0 m

WJPA-FM Max.

BLH-19850325LB
Latitude: 40-11-23 N
Longitude: 080-14-02 W
ERP: 6.00 kW
Channel: 237A
AMSL Height: 462.0 m

WJPA-FM 60 dBu (50/50)

WJPA-FM 97 dBu (50/10)

WNPQ 60 dBu (50/50)

WNPQ 51 dBu (50/10)

§73.215 ANALYSIS

WEEL 100 dBu (50/10)

WEEL 57 dBu (50/50)

WEEL 54 dBu (50/10)

EXHIBIT A2
MINOR CHANGE APPLICATION
OHIO VALLEY COMMUNICATIONS, INC.
WEEL RADIO STATION
CH 239B1 - 95.7 MHZ - 6.75 KW (DA)
SHADYSIDE, OHIO
September 2002

Scale 1:1,500,000

0 20 40 60 km

MINOR CHANGE APPLICATION
OHIO VALLEY COMMUNICATIONS, INC.
WEEL RADIO STATION
CH 239B1 - 95.7 MHZ - 6.75 KW
SHADYSIDE, OHIO
September 2002

EXHIBIT A3

WEEL - Proposed
Channel = 239B1
Max ERP = 6.75 kW
RCAMSL = 509 M
N. Lat = 40 03 41
W. Lng = 80 45 09

WNPQ - Proposed
Channel = 240A
Max ERP = 4.1 kW
RCAMSL = 439 M
N. Lat = 40 35 51
W. Lng = 81 29 32

Protected
57 dBu

Interfering
51 dBu

30 Second terrain database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
295.0	001.8252	0211.1	035.7	145.6	004.1000	0131.4	053.9	50.3
296.0	001.8252	0211.3	035.7	145.0	004.1000	0129.2	053.6	50.4
297.0	001.8252	0211.6	035.7	144.4	004.1000	0126.6	053.3	50.3
298.0	001.8252	0211.9	035.7	143.8	004.1000	0126.6	053.0	50.5
299.0	001.8252	0211.9	035.7	143.2	004.1000	0124.8	052.7	50.5
300.0	001.8252	0212.7	035.8	142.6	004.1000	0124.8	052.4	50.6
301.0	001.9032	0213.9	036.2	142.2	004.1000	0123.3	051.8	50.7
302.0	001.9829	0214.0	036.5	141.6	004.1000	0123.3	051.2	51.0
303.0	002.0642	0211.5	036.7	141.0	004.1000	0121.5	050.9	51.0
304.0	002.1471	0206.7	036.6	140.3	004.1000	0119.7	050.7	50.9
305.0	002.2317	0201.0	036.5	139.6	004.1000	0119.7	050.7	51.0
306.0	002.3179	0195.1	036.3	138.8	004.1000	0118.7	050.7	50.9
307.0	002.4058	0190.1	036.2	138.1	004.1000	0118.2	050.7	50.9
308.0	002.4952	0186.9	036.2	137.4	004.1000	0117.0	050.6	50.9
309.0	002.5863	0185.3	036.4	136.7	004.1000	0117.0	050.3	51.0
310.0	002.6791	0184.8	036.7	136.0	004.1000	0114.5	050.0	50.9
311.0	002.7821	0184.0	036.9	135.3	004.1000	0110.9	049.7	50.8
312.0	002.8871	0182.1	037.0	134.6	004.1000	0110.9	049.5	50.9
313.0	002.9940	0179.0	037.1	133.8	004.1000	0106.9	049.4	50.7
314.0	003.1029	0175.5	037.1	133.1	004.1000	0103.0	049.5	50.4
315.0	003.2137	0172.4	037.0	132.3	004.1000	0099.5	049.5	50.1
316.0	003.3264	0170.2	037.1	131.6	004.1000	0099.5	049.5	50.1
317.0	003.4411	0168.1	037.2	130.8	004.1000	0096.5	049.4	49.9
318.0	003.5578	0165.4	037.2	130.1	004.1000	0094.4	049.5	49.7
319.0	003.6763	0161.6	037.0	129.4	004.1000	0094.0	049.8	49.6
320.0	003.7969	0157.7	036.9	128.7	004.1000	0094.0	050.0	49.5
321.0	003.8885	0154.5	036.7	128.0	004.1000	0095.9	050.3	49.5
322.0	003.9813	0152.6	036.7	127.3	004.1000	0099.6	050.5	49.7
323.0	004.0752	0152.8	036.9	126.5	004.1000	0099.6	050.5	49.7
324.0	004.1701	0154.4	037.3	125.7	004.1000	0104.1	050.3	50.1
325.0	004.2662	0156.6	037.7	124.8	004.1000	0107.8	050.1	50.5
326.0	004.3633	0158.9	038.1	123.9	004.1000	0109.8	049.9	50.7
327.0	004.4615	0161.2	038.6	123.0	004.1000	0110.9	049.8	50.8
328.0	004.5609	0162.7	038.9	122.1	004.1000	0112.2	049.8	50.9
329.0	004.6613	0162.7	039.1	121.3	004.1000	0114.1	049.9	51.0
330.0	004.7628	0162.0	039.2	120.6	004.1000	0114.1	050.1	50.9
331.0	004.9460	0161.7	039.5	119.8	004.1000	0115.2	050.2	50.9
332.0	005.1326	0162.6	039.9	118.8	004.1000	0115.1	050.2	50.9
333.0	005.3227	0163.6	040.3	117.9	004.1000	0114.7	050.3	50.8
334.0	005.5162	0163.7	040.6	117.1	004.1000	0115.1	050.5	50.8
335.0	005.7132	0163.0	040.9	116.3	004.1000	0116.5	050.7	50.8

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EXHIBIT A4

WNPQ - Proposed
Channel = 240A
Max ERP = 4.1 kW
RCAMSL = 439 M
N. Lat = 40 35 51
W. Lng = 81 29 32

WEEL - Proposed
Channel = 239B1
Max ERP = 6.75 kW
RCAMSL = 509 M
N. Lat = 40 03 41
W. Lng = 80 45 09

Protected
60 dBu

Interfering
54 dBu

30 Second terrain database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
115.0	004.1000	0118.7	028.0	322.1	003.9878	0152.6	060.7	48.8
116.0	004.1000	0116.5	027.8	321.6	003.9409	0152.6	060.6	48.8
117.0	004.1000	0115.1	027.7	321.1	003.8971	0154.5	060.6	48.9
118.0	004.1000	0114.7	027.6	320.7	003.8571	0154.5	060.4	48.9
119.0	004.1000	0115.1	027.7	320.2	003.8195	0157.7	060.2	49.1
120.0	004.1000	0115.2	027.7	319.8	003.7747	0157.7	060.0	49.1
121.0	004.1000	0114.1	027.6	319.3	003.7178	0161.6	060.0	49.2
122.0	004.1000	0112.2	027.4	318.9	003.6589	0161.6	060.0	49.2
123.0	004.1000	0110.9	027.2	318.4	003.6027	0165.4	060.0	49.3
124.0	004.1000	0109.8	027.1	317.9	003.5475	0165.4	060.0	49.2
125.0	004.1000	0107.8	026.9	317.4	003.4907	0168.1	060.1	49.2
126.0	004.1000	0104.1	026.5	316.9	003.4315	0168.1	060.5	49.0
127.0	004.1000	0099.6	025.9	316.4	003.3729	0170.2	060.9	48.9
128.0	004.1000	0095.9	025.5	315.9	003.3183	0170.2	061.3	48.7
129.0	004.1000	0094.0	025.2	315.5	003.2691	0172.4	061.5	48.7
130.0	004.1000	0094.4	025.3	315.1	003.2236	0172.4	061.4	48.6
131.0	004.1000	0096.5	025.6	314.7	003.1794	0172.4	061.1	48.7
132.0	004.1000	0099.5	025.9	314.3	003.1342	0175.5	060.7	48.9
133.0	004.1000	0103.0	026.3	313.9	003.0876	0175.5	060.3	49.0
134.0	004.1000	0106.9	026.8	313.4	003.0389	0179.0	059.8	49.3
135.0	004.1000	0110.9	027.2	312.9	002.9884	0179.0	059.4	49.3
136.0	004.1000	0114.5	027.6	312.5	002.9365	0182.1	059.1	49.5
137.0	004.1000	0117.0	027.9	312.0	002.8843	0182.1	058.8	49.5
138.0	004.1000	0118.2	028.0	311.5	002.8332	0184.0	058.8	49.6
139.0	004.1000	0118.7	028.0	311.0	002.7833	0184.0	058.8	49.5
140.0	004.1000	0119.7	028.1	310.5	002.7329	0184.0	058.8	49.4
141.0	004.1000	0121.5	028.3	310.0	002.6812	0184.8	058.7	49.4
142.0	004.1000	0123.3	028.5	309.5	002.6337	0184.8	058.6	49.3
143.0	004.1000	0124.8	028.6	309.0	002.5870	0185.3	058.6	49.3
144.0	004.1000	0126.6	028.8	308.5	002.5398	0186.9	058.6	49.3
145.0	004.1000	0129.2	029.0	308.0	002.4908	0186.9	058.5	49.2
146.0	004.1000	0131.4	029.2	307.4	002.4426	0190.1	058.5	49.3
147.0	004.1000	0132.3	029.3	306.9	002.3981	0190.1	058.6	49.2
148.0	004.1000	0132.4	029.3	306.4	002.3569	0195.1	058.7	49.3
149.0	004.1000	0132.6	029.3	306.0	002.3160	0195.1	058.9	49.1
150.0	004.1000	0133.6	029.4	305.5	002.2733	0201.0	059.0	49.2
151.0	004.1000	0135.2	029.6	305.0	002.2293	0201.0	059.1	49.1
152.0	004.1000	0137.4	029.8	304.4	002.1831	0206.7	059.2	49.3
153.0	004.1000	0139.8	030.0	303.9	002.1370	0206.7	059.2	49.1
154.0	004.1000	0141.1	030.2	303.4	002.0953	0211.5	059.4	49.2
155.0	004.1000	0141.6	030.2	302.9	002.0577	0211.5	059.6	49.0

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September 2002

EXHIBIT A5

WEEL - Proposed
Channel = 239B1
Max ERP = 6.75 kW
RCAMSL = 509 M
N. Lat = 40 03 41
W. Lng = 80 45 09

WJPA-FM - BLH-19850325LB
Channel = 237A
Max ERP = 6 kW
RCAMSL = 462 M
N. Lat = 40 11 23
W. Lng = 80 14 02

Protected
57 dBu

Interfering
97 dBu

30 Second terrain database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
055.0	006.7500	0175.9	043.6	322.2	006.0000	0092.6	013.7	72.1
056.0	006.7500	0176.2	043.6	322.1	006.0000	0092.6	012.9	73.1
057.0	006.7500	0176.6	043.7	322.0	006.0000	0092.6	012.1	74.2
058.0	006.7500	0176.4	043.7	321.5	006.0000	0092.8	011.4	75.4
059.0	006.7500	0175.5	043.6	320.5	006.0000	0092.8	010.6	76.6
060.0	006.7500	0174.5	043.5	319.3	006.0000	0097.4	009.9	78.3
061.0	006.5490	0174.3	043.2	316.6	006.0000	0099.2	009.2	79.7
062.0	006.3511	0175.3	043.0	314.3	006.0000	0096.3	008.6	80.7
063.0	006.1562	0177.4	043.0	312.0	006.0000	0091.5	007.9	81.6
064.0	005.9643	0179.6	042.9	309.3	006.0000	0094.3	007.2	83.4
065.0	005.7755	0181.6	042.8	305.6	006.0000	0106.6	006.6	86.2
066.0	005.5897	0183.4	042.7	301.0	006.0000	0103.4	006.0	87.5
067.0	005.4069	0184.7	042.5	295.1	006.0000	0090.7	005.6	87.7
068.0	005.2272	0185.5	042.3	287.7	006.0000	0099.0	005.2	89.7
069.0	005.0505	0185.8	042.0	279.2	006.0000	0104.0	005.0	90.7
070.0	004.8769	0185.9	041.7	270.2	006.0000	0098.8	005.0	90.4
071.0	005.0505	0186.7	042.1	262.8	006.0000	0108.6	004.4	93.1
072.0	005.2272	0188.2	042.5	253.3	006.0000	0110.6	003.9	95.1
073.0	005.4069	0189.4	042.9	241.5	006.0000	0105.0	003.6	96.0
074.0	005.5897	0190.9	043.3	227.9	006.0000	0099.1	003.5	96.2
075.0	005.7755	0192.5	043.7	214.0	006.0000	0109.5	003.6	96.6
076.0	005.9643	0193.8	044.0	201.8	006.0000	0090.4	003.9	93.7
077.0	006.1562	0195.7	044.5	191.3	006.0000	0094.9	004.3	92.3
078.0	006.3511	0198.8	045.0	182.2	006.0000	0098.0	004.9	90.6
079.0	006.5490	0201.8	045.5	175.3	006.0000	0093.7	005.6	88.0
080.0	006.7500	0205.8	046.0	169.5	006.0000	0083.6	006.4	84.6
081.0	006.7500	0206.8	046.1	169.0	006.0000	0084.5	007.2	82.5
082.0	006.7500	0204.9	046.0	170.3	006.0000	0083.6	008.0	80.6
083.0	006.7500	0202.7	045.8	171.7	006.0000	0085.2	008.8	79.2
084.0	006.7500	0199.6	045.6	173.3	006.0000	0089.3	009.6	78.2
085.0	006.7500	0196.7	045.3	174.7	006.0000	0093.7	010.3	77.2
086.0	006.7500	0194.7	045.2	175.6	006.0000	0093.8	011.1	75.9
087.0	006.7500	0194.8	045.2	175.6	006.0000	0093.8	011.9	74.6
088.0	006.7500	0193.8	045.1	176.1	006.0000	0093.8	012.7	73.5
089.0	006.7500	0193.0	045.0	176.5	006.0000	0093.8	013.5	72.4
090.0	006.7500	0192.2	045.0	176.9	006.0000	0093.7	014.3	71.4
091.0	006.7500	0191.4	044.9	177.3	006.0000	0093.7	015.0	70.7
092.0	006.7500	0192.9	045.0	177.1	006.0000	0093.7	015.8	70.0
093.0	006.7500	0195.5	045.2	176.7	006.0000	0093.7	016.6	69.3
094.0	006.7500	0196.7	045.3	176.7	006.0000	0093.7	017.4	68.7
095.0	006.7500	0198.7	045.5	176.6	006.0000	0093.7	018.2	68.0

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EXHIBIT A6

WJPA-FM - BLH-19850325LB
Channel = 237A
Max ERP = 6 kW
RCAMSL = 462 M
N. Lat = 40 11 23
W. Lng = 80 14 02

WEEL - Proposed
Channel = 239B1
Max ERP = 6.75 kW
RCAMSL = 509 M
N. Lat = 40 03 41
W. Lng = 80 45 09

Protected
60 dBu

Interfering
100 dBu

30 Second terrain database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
235.0	006.0000	0097.3	027.9	094.7	006.7500	0198.7	021.4	72.7
236.0	006.0000	0096.8	027.9	093.5	006.7500	0196.7	021.2	72.8
237.0	006.0000	0097.2	027.9	092.6	006.7500	0195.5	020.9	73.0
238.0	006.0000	0098.7	028.1	091.8	006.7500	0192.9	020.4	73.2
239.0	006.0000	0101.1	028.4	091.1	006.7500	0191.4	019.9	73.6
240.0	006.0000	0103.5	028.8	090.3	006.7500	0192.2	019.3	74.0
241.0	006.0000	0104.9	028.9	089.3	006.7500	0193.0	018.9	74.4
242.0	006.0000	0105.0	029.0	087.9	006.7500	0193.8	018.7	74.6
243.0	006.0000	0104.4	028.9	086.4	006.7500	0194.7	018.6	74.8
244.0	006.0000	0104.1	028.8	084.9	006.7500	0196.7	018.4	75.0
245.0	006.0000	0104.5	028.9	083.4	006.7500	0202.7	018.2	75.4
246.0	006.0000	0105.4	029.0	082.0	006.7500	0204.9	017.9	75.8
247.0	006.0000	0107.2	029.2	080.6	006.7500	0206.8	017.6	76.1
248.0	006.0000	0109.0	029.4	079.1	006.5758	0201.8	017.2	76.1
249.0	006.0000	0110.7	029.7	077.5	006.2629	0198.8	016.9	76.0
250.0	006.0000	0112.2	029.8	075.9	005.9390	0193.8	016.7	75.7
251.0	006.0000	0113.2	030.0	074.1	005.6081	0190.9	016.5	75.5
252.0	006.0000	0112.8	029.9	072.3	005.2772	0188.2	016.6	75.1
253.0	006.0000	0110.6	029.6	070.5	004.9641	0186.7	016.8	74.5
254.0	006.0000	0107.7	029.3	068.8	005.0773	0185.8	017.2	74.2
255.0	006.0000	0104.2	028.8	067.3	005.3448	0184.7	017.7	74.0
256.0	006.0000	0101.9	028.5	065.9	005.6082	0183.4	018.1	73.9
257.0	006.0000	0101.9	028.5	064.4	005.8974	0179.6	018.2	73.8
258.0	006.0000	0103.0	028.7	062.7	006.2122	0177.4	018.2	74.0
259.0	006.0000	0103.6	028.8	061.1	006.5246	0174.3	018.2	74.0
260.0	006.0000	0103.6	028.8	059.6	006.7500	0174.5	018.4	74.0
261.0	006.0000	0104.7	028.9	058.0	006.7500	0176.4	018.4	74.0
262.0	006.0000	0106.5	029.1	056.3	006.7500	0176.2	018.4	74.0
263.0	006.0000	0108.6	029.4	054.5	006.7500	0176.6	018.4	74.1
264.0	006.0000	0109.5	029.5	052.9	006.7500	0177.6	018.6	74.0
265.0	006.0000	0108.5	029.4	051.8	006.7500	0178.4	019.0	73.7
266.0	006.0000	0107.6	029.3	050.7	006.7500	0178.6	019.3	73.4
267.0	006.0000	0106.2	029.1	049.8	006.7500	0178.7	019.8	73.1
268.0	006.0000	0104.0	028.8	049.1	006.7500	0179.9	020.3	72.7
269.0	006.0000	0101.4	028.5	048.7	006.7500	0179.9	020.9	72.3
270.0	006.0000	0098.8	028.1	048.3	006.7500	0183.1	021.5	71.9
271.0	006.0000	0096.6	027.8	047.8	006.7500	0183.1	022.0	71.5
272.0	006.0000	0098.3	028.1	046.5	006.7500	0188.6	022.2	71.6
273.0	006.0000	0100.4	028.3	045.1	006.7500	0201.4	022.4	72.1
274.0	006.0000	0102.2	028.6	043.8	006.7500	0206.7	022.6	72.1
275.0	006.0000	0101.9	028.5	043.1	006.7500	0211.3	023.0	72.0

MINOR CHANGE APPLICATION
OHIO VALLEY COMMUNICATIONS, INC.
WEEL RADIO STATION
CH 239B1 - 95.7 MHZ - 6.75 KW
SHADYSIDE, OHIO
September 2002

EXHIBIT A7

Predicted Contours:

N. Lat. = 40 03 41 - Tabulated Protected and Interfering Contours
W. Lng. = 80 45 09 - WEEL Radio Station - Shadyside, Ohio

HAAT and Distance to Contour - FCC Method - 30 Arc Second terrain database												
Azi.	AV EL	HAAT	ERP kW	dBk	Field	57-F5	34-F1	40-F1	54-F1	48-F1	100-F1	97-F1
000	317.0	192.0	6.7500	8.29	1.000	44.96	129.27	101.62	57.91	75.41	3.73	4.62
010	305.0	204.0	6.7500	8.29	1.000	45.90	130.68	103.05	59.29	76.89	3.82	4.74
020	262.1	246.9	6.7500	8.29	1.000	49.12	135.70	107.80	63.81	81.68	4.06	5.12
030	269.1	239.9	6.7500	8.29	1.000	48.62	134.90	107.06	63.11	80.97	4.03	5.06
040	289.3	219.7	6.7500	8.29	1.000	47.11	132.54	104.85	61.02	78.76	3.92	4.89
050	330.3	178.7	6.7500	8.29	1.000	43.87	127.70	99.96	56.35	73.72	3.63	4.49
060	334.5	174.5	6.7500	8.29	1.000	43.48	127.18	99.42	55.84	73.16	3.60	4.45
070	323.1	185.9	4.8769	6.88	.850	41.71	121.38	95.83	53.49	70.35	3.32	4.13
080	303.2	205.8	6.7500	8.29	1.000	46.04	130.90	103.27	59.50	77.12	3.83	4.76
090	316.8	192.2	6.7500	8.29	1.000	44.97	129.30	101.65	57.94	75.44	3.73	4.62
100	299.0	210.0	6.7500	8.29	1.000	46.36	131.39	103.75	59.96	77.62	3.86	4.80
110	326.6	182.4	6.7500	8.29	1.000	44.19	128.14	100.43	56.79	74.19	3.66	4.53
120	307.7	201.3	6.7500	8.29	1.000	45.69	130.36	102.73	58.98	76.56	3.80	4.71
130	317.5	191.5	6.7500	8.29	1.000	44.92	129.22	101.57	57.86	75.35	3.73	4.62
140	337.2	171.8	6.7500	8.29	1.000	43.21	126.82	99.06	55.48	72.78	3.57	4.42
150	327.1	181.9	6.7500	8.29	1.000	44.15	128.08	100.36	56.73	74.13	3.66	4.52
160	310.1	198.9	6.7500	8.29	1.000	45.50	130.08	102.45	58.71	76.27	3.78	4.69
170	265.1	243.9	6.7500	8.29	1.000	48.90	135.35	107.47	63.50	81.37	4.05	5.09
180	258.3	250.7	6.7500	8.29	1.000	49.39	136.12	108.19	64.19	82.05	4.08	5.15
190	293.5	215.5	6.7500	8.29	1.000	46.79	132.05	104.38	60.57	78.28	3.90	4.85
200	313.6	195.4	6.7500	8.29	1.000	45.23	129.67	102.03	58.31	75.84	3.76	4.66
210	339.2	169.8	6.7500	8.29	1.000	43.01	126.57	98.80	55.24	72.51	3.55	4.40
220	334.6	174.4	6.7500	8.29	1.000	43.47	127.16	99.40	55.82	73.14	3.60	4.45
230	329.2	179.8	6.7500	8.29	1.000	43.97	127.83	100.10	56.48	73.85	3.64	4.50
240	297.5	211.5	6.7500	8.29	1.000	46.48	131.57	103.92	60.12	77.80	3.87	4.81
250	326.9	182.1	6.7500	8.29	1.000	44.17	128.11	100.40	56.76	74.16	3.66	4.53
260	342.8	166.2	4.7628	6.78	.840	39.68	118.26	92.95	50.83	67.41	3.15	3.92
270	337.1	171.9	3.7969	5.79	.750	38.37	114.09	90.34	48.99	65.27	2.96	3.71
280	326.5	182.5	2.6791	4.28	.630	36.47	108.37	86.73	46.43	62.25	2.70	3.39
290	307.5	201.5	1.8252	2.61	.520	34.90	103.95	83.79	44.58	59.86	2.42	3.09
300	296.3	212.7	1.8252	2.61	.520	35.79	105.26	85.16	45.85	61.13	2.46	3.15
310	324.2	184.8	2.6791	4.28	.630	36.65	108.64	87.01	46.68	62.52	2.71	3.41
320	351.3	157.7	3.7969	5.79	.750	36.86	111.93	88.45	47.19	63.21	2.86	3.56
330	347.0	162.0	4.7628	6.78	.840	39.22	117.63	92.39	50.28	66.79	3.11	3.87
340	348.6	160.4	6.7500	8.29	1.000	41.96	125.29	97.55	54.01	71.16	3.46	4.28
350	337.4	171.6	6.7500	8.29	1.000	43.19	126.80	99.03	55.46	72.75	3.57	4.42

AMSL= 509 M