



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

\_\_\_\_\_  
 BIRACH BROADCASTING CORPORATION  
 21700 NORTHWESTERN HWY STE 1190  
 TOWER 14  
 SOUTHFIELD MI 48075  
 \_\_\_\_\_

\_\_\_\_\_  
 Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau  
 \_\_\_\_\_

Facility Id: 5349

Call Sign: WWCS

License File Number: BL-19941209AB

Grant Date:

This license expires 3:00 a.m.  
 local time, August 01, 2022.

This license covers permit no.: BP-19930218AD

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:  
 Local Standard Time (Non-Advanced)

Jan.	7:45 AM	5:15 PM	Jul.	5:00 AM	7:45 PM
Feb.	7:15 AM	6:00 PM	Aug.	5:30 AM	7:15 PM
Mar.	6:30 AM	6:30 PM	Sep.	6:00 AM	6:30 PM
Apr.	5:45 AM	7:00 PM	Oct.	6:30 AM	5:45 PM
May	5:00 AM	7:30 PM	Nov.	7:00 AM	5:00 PM
Jun.	4:45 AM	7:45 PM	Dec.	7:30 AM	5:00 PM

Callsign: WWCS

License No.: BL-19941209AB

Name of Licensee: BIRACH BROADCASTING CORPORATION

Station Location: CANONSBURG, PA

Frequency (kHz): 540

Station Class: B

Antenna Coordinates:

Day

Latitude: N 40 Deg 17 Min 22 Sec

Longitude: W 80 Deg 11 Min 07 Sec

Night

Latitude: N 40 Deg 17 Min 22 Sec

Longitude: W 80 Deg 11 Min 07 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 5.0 Night: 0.50

Antenna Input Power (kW): Day: 5.4 Night: 0.54

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 10.39 Night: 3.29

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1222688	
2	1222689	

Night:

Tower No.	ASRN	Overall Height (m)
1	1222688	
2	1222689	



Callsign: WWCS

License No.: BL-19941209AB

Antenna Monitor: POTOMAC INSTRUMENTS AM-19 (204)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
334	2.18	63.9

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
309.5		34
358.5		17.9

Special operating conditions or restrictions:

- 1 Ground system consists of 120 buried copper radials 138.7 m in length, plus 120-12.5 m radials interspersed between long radials.

\*\*\* END OF AUTHORIZATION \*\*\*