



**B.R. Lymangrover
Land Surveying, PLLC**

55 STORM KING ROAD
PORT ANGELES, WA 98363
PHONE: (360) 457-5961

Erik C. Swanson, P.E.
Hatfield & Dawson Consulting Engineers
9500 Greenwood Ave N
Seattle, WA 98103

05/11/2016

Dear Mr. Swanson,

At the direction of Forks Broadcasting Co. I was directed to determine the direction of the antenna as constructed on Ellis Mountain, Clallam County, Washington, USA during the installation on 05/05/2016.

I hereby certify that the direction of the Antenna is within less 1° of the True North Azimuth of 150°. This was determined by establishing GPS control points using a JAVAD LS dual frequency GPS receiver and post processing a differential correction to Continuously Operating Reference Stations. These control points were then used as setup points in order to measure using conventional survey methods to the antenna. This was done with a Trimble S6 Robotic 3" Total Station. Redundant measurements were made to the antenna in order to verify the direction.

Sincerely,

Bradley R. Lymangrover

Bradley R. Lymangrover, PLS, CFS
Washington State Professional Land Surveyor, PLS #28071
Certified Federal Surveyor, CFS #1337
B.R. Lymangrover Land Surveying
55 Storm King Rd
Port Angeles, WA 98363
brlymangrover@gmail.com

