



Nelson Irrigation Corporation

848 Airport Road, Walla Walla, WA 99362-2271



September 10, 2019

Cover Letter for FCC application

To Whom It May Concern:

Nelson Irrigation Corporation is seeking original certification for a modular approval of our TWIG-V radio module that is incorporated into our line of valve control products.

The TWIG-V radio module includes a 900 MHz ISM band transceiver that utilizes a Semtech LoRa® transceiver. The transceiver includes a front-end IC that is configured to select either an on-board antenna or external antenna based on factory configuration. The module also includes an ST Microelectronics SPBTLE-RFTE Bluetooth low-energy module that is currently used exclusively for initial setup and diagnostics. The ST Microelectronics module has a modular approval under FCC ID: S9NSPBTLERF

We are seeking modular approval for the TWIG V radio module under applicable rules of 47 CFR 15.247. The FCC ID will be ZH6-TWIGV.

Should you have questions, please contact me.

Craig Nelson
President

innovation in irrigation™

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