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Noise decibel meter test conducted on the N.Y.S.P&R trail in the Village of Penn Yan, New York on February 23, 2005 by Deputy Brad Quayle and Sgt. Ed Nemitz. The test was conducted using a 2003 Polaris, 500cc Classic Touring snowmobile with all factory parts and specifications. The decibel meter used in this test is made by Quest Technologies, model 2400 and is certified annually. Said noise meter was last certified for calibration on February 01, 2005 and was operated by Deputy Brad Quayle, who is a trained operator. This test was requested by the members of the Penn Yan Village board, CR# 2005-1392

Test site one: From a location on the trail between the Mini Storage on Elm Street and the ball field. Tests were conducted from a distance of 50ft at the speed of 20 miles per hour.

- Standing beside the snowmobile while the snowmobile is at an idle it produced 84db.
- From north side of the trail at an elevated area approximately 10ft higher than the trail it produced 71db.
- From the south side of the trail, level with the trail 68db.
- From the sidewalk on Elm Street with a fence and a lightly wooded hedgerow between the meter and the trail the snowmobile produced an undetectable amount of db. **NOTE:** From the same location the vehicle traffic on Elm Street produced 75-80db.
- From inside a wooded area near the bridge the snowmobile produced 76db.

Test site two: Located near the entrance of the boat launch on Keuka Street. Tests were conducted from the front yard of 103 Keuka Street and were at 15 miles per hour and at a distance of 67 feet.

- While snowmobile is parked at an idle it produced 59.8db.
- While driven in an easterly direction from the established trail the sled produced 68.3db.
- **NOTE:** A Ford full size 4x4 pick-up produced 74.8db.

Test site three: Located at the Lake Street Village Park, behind Pudgies Pizza at a speed of 20 miles per hour and while the meter was on the south side, sidewalk in front of 124 Lake Street. This reading would be from an area that is a low lying area several feet higher than the snowmobile being tested.

- The snowmobile was driven in an Easterly direction and produced 62db
- **NOTE:** a Dodge Caravan passing by produced 77.4db.

Test site four: Location was in front of 161 Seneca Street on the side walk and the snowmobile was being driven in an Easterly direction on the trail. This location again was a low lying area and had a light wooded hedgerow between the sled and the meter.

- 1st run produced 58db.
- 2nd run produced 58db.

Submitted by Sgt. Edwin Nemitz
Snowmobile Patrol Sergeant