

## Appendix II (d)

### WNV Mosquito Species Viral Testing Order of Preference

The following table list WNV vector species of concern in Ontario. These species are listed in order of preference when considering what species to test in the event that a trap contains more than three different vectors.

Mosquito Species for Viral Testing	
1	<i>Culex pipiens</i>
2	<i>Culex restuans</i>
3	<i>Aedes vexans vexans/ Aedes vexans nipponi</i>
4	<i>Culex salinarius</i>
5	<i>Ochlerotatus triseriatus</i>
6	<i>Anopheles punctipennis</i>
7	<i>Ochlerotatus trivittatus</i>
8	<i>Anopheles walkeri</i>
9	<i>Ochlerotatus stimulans</i>
10	<i>Anopheles quadrimaculatus</i>
11	<i>Ochlerotatus canadensis</i>
12	<i>Coquillettidia perturbans</i>
*	<i>Ochlerotatus japonicus</i>
*	<i>Culex tarsalis</i>
*	<i>Aedes albopictus (Stegomyia albopicta)</i>

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\* Since these species are found in very low numbers and they are highly competent vectors, it is suggested that these be tested for WNV in addition to the three pool limit. The additional cost for such testing will be borne by the MOHLTC.

- This list is prepared based upon analysis of entomological data of Ontario and other variables. Changes to this list will be made as required based upon new information and analysis of entomological data of the province.