

**Terms of Reference
External Review Panel
Soil Contamination Stokes Point
November 2020**

A. Review and assess existing information on soil contamination at Stokes Point, Auckland potentially arising from bridge maintenance activities. This shall include:

1. Reports summarising contaminated land investigations and health-risk assessments (soil contamination) at the southern (Erin's Point) and northern (Stokes Point) landings of the Auckland Harbour Bridge.
2. Conceptual model¹ for soil contamination arising from Auckland Harbour Bridge maintenance activities at Stokes Point.
3. Relevant Auckland Harbour Bridge maintenance records, and environmental reports.
4. Assessments and other relevant supporting information related to applications for statutory approvals for Auckland Harbour Bridge maintenance activities.
5. Records related to the use of paint/coating systems on the Auckland Harbour Bridge.
6. Interviews with key Auckland Harbour Bridge maintenance contractor personnel and Waka Kotahi staff, and walkover of public land, and land within the Auckland Harbour Bridge designation at Stokes Point.
7. Consideration of other relevant information held by Waka Kotahi or in the public domain.

B. Jointly report on the likelihood that any soil contamination at Stokes Point arising from bridge maintenance activities, may have caused unacceptable health risk at nearby residential properties. This report should specifically address the following:

1. The likely sources of individual soil contaminants at Stokes Point.
2. The conceptual model (contaminant sources, exposure pathways and receptors) for potential soil contamination at residential properties arising from Auckland Harbour Bridge maintenance activities.
3. Whether it is more likely than not that any soil contamination at Stokes Point, arising from bridge maintenance activities, has caused unacceptable health risk at nearby residential properties.
4. Whether a new health risk assessment or update to the existing health risk assessment should be undertaken based on existing data.

C. Recommend what further action, if any, should be undertaken by Waka Kotahi to confirm whether any contamination at Stokes Point arising from bridge maintenance activities, may cause unacceptable health risk at nearby residential properties.

¹ A system diagram identifying contaminant sources, routes of exposure (pathways), and what receptors are affected by contaminants moving along those pathways.

E. The panel shall undertake their duties in general accordance with the principles of Environment Court code of conduct for expert witnesses.

See - <http://www.justice.govt.nz/courts/environment-court/legislation-and-resources/practice-notes/expert-witness.html>

F. The panel will report its findings in Draft to Waka Kotahi, together with any questions or information requests, before finalising its report