

TO: ASSISTANT CHIEF HIGHWAY ENGINEER  
ALL H.Q. DIRECTORS: Prof. Services, Planning & Major Projects  
ALL REGIONAL MANAGERS Prof. Services, Planning & Operations  
ALL DISTRICT HIGHWAYS MANAGERS

**SUBJECT:** HAZARDOUS WASTE SITES/CONTAMINATED SOILS - EXPLORATION AND ANALYSIS

**PURPOSE:**

To address the expanding need and to set out the circumstances and conditions under which the extent and degree of contamination are assessed.

**BACKGROUND:**

The number of known contaminated sites on Ministry Land is increasing, due to improved understanding of the lasting effects of leaking tanks and improperly disposed waste materials.

**PROCEDURE:**

1. All requests for site assessment will be forwarded to the Manager, Geotechnical Engineering in Victoria.
2. Preliminary Environmental drilling will be carried out utilizing our Geophysical and Drilling Forces and/or by Contractors experienced in environmental sampling methodology. Locations and sampling depths of initial sub-surface exploration will be determined by the Geotechnical Branch, after a preliminary geophysical and ground water investigation if appropriate.
3. All retrieved samples, properly identified will be shipped to a selected environmental consulting establishment for waste identification/concentration and hazardous plume determination. The Consultant may specify additional sampling and testing following testing of the critical samples.

Preparation of Terms of Reference and selection of the environmental consulting firm will be done by the Terrain evaluation and Chemical sections of the Geotechnical Branch. The Consultant report will address the proposed procedure(s) for hazardous waste remediation, together with estimated cost and length of time involved.

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