Processing Metro Vancouver (MV) AQ Permit requests for HA comment (Final Draft)

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Application for AQ permit received

Review:
- quantity & quality of emissions
- controls/treatment
- operational procedures
- expected contaminants & loading

Assess permit fees based on type of contaminant & quantity

Do emissions increase?

Referral not needed

$\Delta$ Permit fee > $1000$ OR $1000$ threshold crossed OR unresolved complaints OR nearby known sensitive receptor?

Has AQ modelling been done?

Predicted concentrations + background > ambient AQ criteria?

Conduct or request AQ modelling

Note on requests to applicant:
- If an applicant refuses to conduct dispersion modelling or revise their application to meet MV objectives, the application will be referred to the HA as is.
- The requests and responses as well as comments from HA will be noted in the permit application recommendation memo that will be submitted to the District Director for a decision.

Refer to HA and request comment from a public health perspective. Info to include:
- full application, permit fee (before & after), anonymized complaint details, nearby sensitive receptors, AQ modelling results (if completed)
- May request at application stage or require in permit: design and/or control technology, performance requirements to limit concentrations, monitoring, reporting

Ensure AQ Permit requests for HA comment

Receive request from MV

Has AQ modelling been done?

Are there human receptors within the area of impact? (e.g., susceptible population)

Local EHO to conduct a site visit to determine who might be impacted by discharge

Is a formal health risk assessment needed?

Send letter to MV requesting applicant to conduct a risk assessment and provide results.

Health authority to provide description of the scope of assessment (e.g. limit to health pathways, etc)

Is there probable increase in morbidity or mortality?

Send letter to MV stating that the health authority HAS immediate “concerns” based on the information provided.

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