

Chevron Burnaby Refinery

Air Quality & Liquid Waste Permits

CAP November 24, 2011



metro
vancouver

Overview

- GVRD Regulatory Authority
- Air Discharge/Liquid Waste Permits
- Chevron Permits
- Permit Monitoring & Testing
- Compliance Monitoring
- Complaint Response

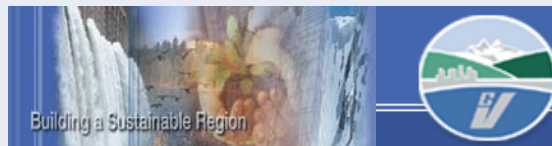


Legal Framework

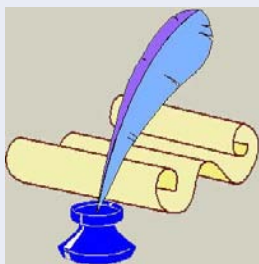
BC Legislature



Metro Vancouver
Board



Air Quality
District Director



Elected Board Bylaws

- General application
- Political Considerations

Permit Decisions

- Site Specific Application
- Technical Considerations
- May be Appealed

Permits - Sewer Use

Protect:

- worker health & safety
- sewerage infrastructure
- biosolids quality

Minimize:

- environmental impacts
- capital & operating costs

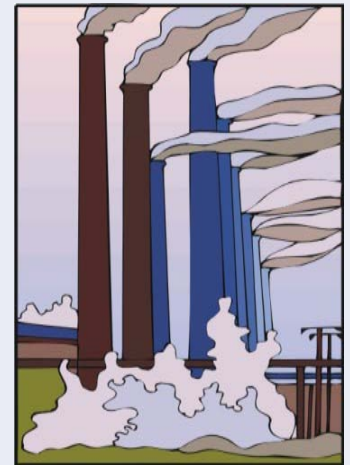
Ensure:

- Compliance with WWTP Operational Certificate



Permits – Air Quality

- Prohibit, regulate and otherwise control and prevent the discharge of air contaminants
- Protect local and regional air quality
- Allows for site specific requirements



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Greater Vancouver Regional District Air Quality
Management Bylaw No. 937, 1999

GVRD Air Quality Permit GVA0117

(amended May 2, 2008)

Greater Vancouver Sewerage & Drainage District
Sewer Use Bylaw No. 299, 2007

GVS&DD Waste Discharge Permit

No. SC-100010-VSA

(amended June 30, 2011)



Permit Requirements

- Emission/Discharge quantity limits
- Emission/Discharge quality limits
- Authorized works and procedures
- Monitoring and Testing requirements
- Reporting requirements



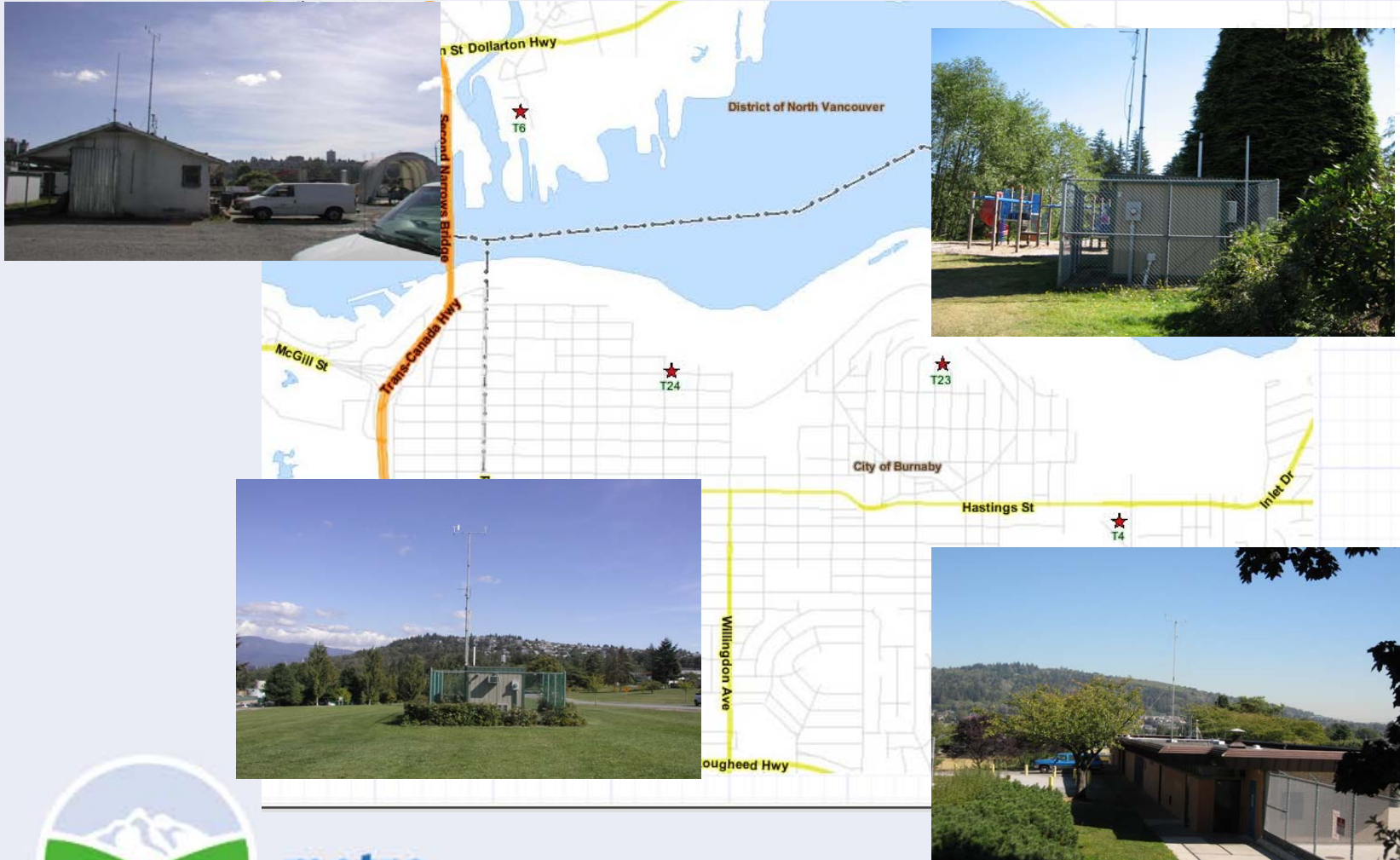
Compliance Monitoring

Compliance assessment and promotion

- Audit compliance testing
- Review self-monitoring reports
- Conduct inspections and testing
- Respond to public inquiries and complaints
- Ambient monitoring stations



Ambient Air Stations



Complaint & Enquiry Services

Air Quality Complaint Line [604-436-6777](tel:604-436-6777)

- 24 hours/day (Officer response 16 hours/day)
- Typically year ~2000 air quality complaints
- ~80% typically odour complaints

Respond to complaints and general enquiries from general public, other government agencies and industry

