



MARLBOROUGH  
DISTRICT COUNCIL

# Winery Wastewater Consenting made easier.....

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Matt Oliver

Environmental Scientist- Land Resources.

# Do I need a consent?

- Ask these questions-
  - Is Grape Marc Leachate mixed in my wastewater?
  - Soil Sensitive or Groundwater protection area?
  - Close to a bore, surface water or property boundary?
  - Sloping land ( $>7^\circ$ )
- Is the answer is yes, then yes.
  - Other standards apply also (pH, N, ponding, soil conditions)-  
check with Council.

# Before applying or renewing

- Come and talk to Council.
- A pre-application meeting can help identify issues upfront.
  - Make an appointment with the Duty Planner.

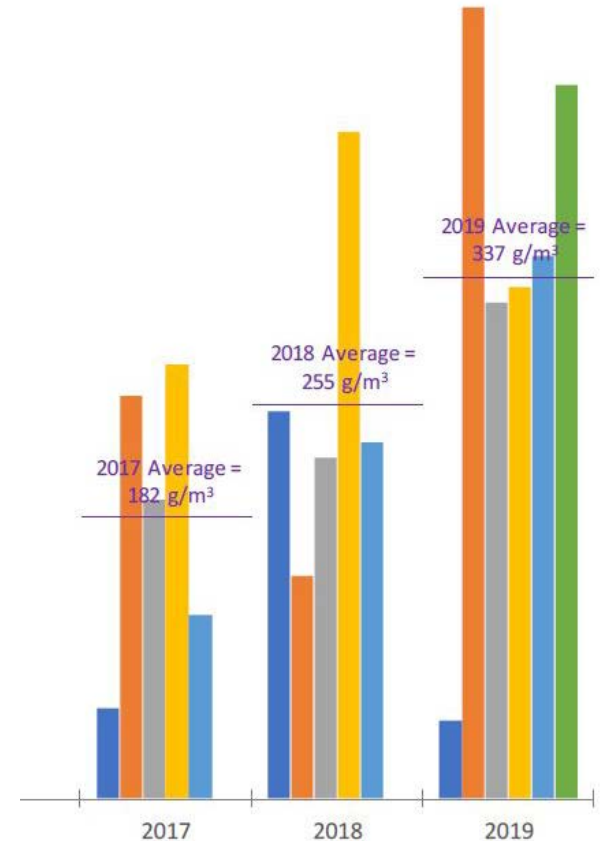
# Key thinking points

- Characteristics of the disposal field
- Proximity to surface water, depth to groundwater
- Soil types and waterholding capacity
- Vegetative cover and its management



# Key thinking points

- Characteristics of the discharge
  - Is GML included?
  - What is the chemical makeup and loading?
    - BOD (daily rate)
    - N,P,K, Na (annual inputs)
  - Has concentration increased?



# Key thinking points

- Characteristics of the Winery
  - Has WW volume increased or decreased?
  - Will the winery be expanding?
  - Are sodium-based cleaners used?
  - Is wastewater treated before discharge?
  - Has water use fallen?
  - How much wastewater storage is there?
  - What is the outside hard stand area that drains to waste?



# Consent conditions

- Can be scaled
- Can use other consents as guides
  - Consents are public information
    - <https://maps.marlborough.govt.nz/smartmaps>

The screenshot displays the 'Resource Consents' web application interface. The top navigation bar includes a logo, the title 'Resource Consents', a 'Login' button, and several utility icons: 'About', 'Legend', 'Switch Map', 'Layers' (highlighted in blue), 'Draw / Measure', 'Zoom To Point', 'Print', 'Elevation', and 'Save'. The main map area shows an aerial view of a rural landscape with numerous pink circular markers and 'x' symbols indicating consent locations. A detailed information panel is open on the right, showing details for a 'Resource Consent - Discharge Permit'. The panel includes the following information:

- Processing Consent Number:** [190248](#)
- Consent Number:** 190248.01
- Applicant Names:** Pinnacle Drinks NZ Limited
- Type:** Discharge
- Sub Type:** Discharge Permit - to Land
- Description of Activity:** To discharge winery wastewater to land up to a maximum rate of 78 cubic metres per day on Pt Sec 231 Omaka DIST, Lot 2 DP 507879, Lot 1 and Pt Lot 2 DP
- [Zoom to](#)

Below the information panel is a 'Layers' control panel with the following options:

- Aerial Photo Dates
- Road Name Labels
- Resource Consents (Processing Sta
- Coastal Permits
- Discharge Permit
- Land Use
- Regulation
- Subdivision

# Consent Conditions- Monitoring

- Depth of irrigation
  - Irrigate only with a soil moisture deficit
    - Use a soil moisture probe
  - Keep nutrients in rooting zone-
    - harvest and remove vegetation- (implications for application method)
    - grazing can increase leaching
    - keep vegetation actively growing





# Consent Conditions- Monitoring

- Set up a control site to monitor soil conditions
- Keep records-
  - Total volume discharged
    - soil water budget?
  - Soil moisture measurements
  - WWW test results
  - Soil test results
- Report on time!



# Consents are the baseline

*SWNZ provides members with:*

- A continuous improvement pathway, enabling organisations to constantly improve and fine-tune their methods.*
- The regional plan sets the absolute minimum standards
  - Complying represents the bottomline NOT best practice
- Wastewater management that uses continuous improvement and goes beyond minimum standards is strongly encouraged.

# Questions?



[matt.oliver@marlborough.govt.nz](mailto:matt.oliver@marlborough.govt.nz)