

## WELCOME

Welcome to Fresh Air, the new-look newsletter from Air Resource Management. Our aim is to keep you up-to-date about us and our services, and to bring you information about matters that concern everyone involved in the maintenance of air quality.

In this issue you can read about our new premises (only across the road), some staff changes and we remind you about the services we offer.

We welcome feedback. If you have anything to say that might be of interest to other readers, please write, fax or e-mail to the addresses below.

## THOUGHT FOR THE DAY

*"Although this may seem a paradox, all exact science is dominated by the idea of approximation. When a man tells you that he knows the exact truth about anything, you are safe in inferring that he is an inexact man."*

*Bertrand Russell*

## NEW PREMISES

After five years at 21 Lincoln Road we have now shifted to 34 Lincoln Road. We are now on the corner of Lincoln Road and Te Kanawa Crescent. The entrance is from Te Kanawa Crescent.

All other contact details remain the same. These are printed at the bottom of the page.

Our move is a consequence of a growing business and also a desire to settle permanently. The premises is owned by Richard Hoyle who initially will also live at the same address. His after-hours number is 0-9-838 8523.

## CURRENT STAFF

Richard Hoyle	–	Manager
Mark Crooks	–	Scientist
Andrew Parkin	–	Technician
Peter Conway	–	Technician
James Willoughby	–	Technician (part time)

## Air Resource Management

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## SERVICES WE OFFER

### Air Emission Tests

- Gas flows including moisture and carbon dioxide
- Particulate by ASTM D3685
- Heated probe particulate tests for high water vapour gases (ex wet scrubbers)

### Gaseous Measurements

- oxygen (by paramagnetic meter)
- carbon monoxide
- carbon dioxide
- individual aldehydes
- sulfur dioxide
- sulfuric acid
- hydrochloric acid
- oxides of nitrogen
- fluoride

### Particle Size Analysis

- BAHCO air centrifuge tests. The results are especially applicable for designing cyclones as air pollution control devices.

### Air Modelling

- AUSPLUME air modelling

### Resource Consent Applications

- Fourth Schedule (Assessment of Effects) reports
- Liaison with Local Authorities
- Liaison with Regional Councils

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*Fresh Air is the newsletter of Air Resource Management Ltd  
Air Emission Testing Services*

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## STAFF CHANGES

Andrew Gordon has resigned to take up a position with the Auckland City Council.

Whilst he has been employed with us Andrew has contributed significantly to our success, especially with his work on Resource Consent applications. We congratulate him on his success in winning the new position and look forward to our continuing association.

Andrew has taken over at the Auckland City Council from Tony Myers who has retired. This is a good time to say how much we appreciated Tony's good work and wish him well in his retirement.

Mark Crooks has joined the staff. People with experience in air testing are few and far between. Mark gained his experience with ESR and we look forward to his contribution to our operations.

James Willoughby has joined the staff in a part-time capacity. He is presently completing a course in Environmental Science at the University of Auckland.



From "The Best of Bogor" by Burton Silver © 1994 Burton Silver

## HEALTH & SAFETY IN EMPLOYMENT

Our work is potentially hazardous in several ways. As part of our statutory obligations and incorporated into our proposed Telarc registration we have produced a Health and Safety Manual.

Each testing site will have a job safety analysis sheet. This will now form part of our proposal when arranging with clients for tests to be conducted. Clients may wish to consult with their safety advisors about these sheets.

## FIXED PRICE CONTRACTS

There has been a steady rise in the number of fixed price contracts we have with clients. It is increasingly common for air discharge permits to list a regular schedule of emission tests as part of the Resource Consent conditions. We are willing to contract on a yearly basis for regular tests throughout the year with a quotation

of a fixed price. This normally proves more satisfactory for clients for budgetting purposes and also assists us with our planning.

## COULD THIS HAVE BEEN YOU?

Offensive odours emitted from a vent on an oil residue tank have cost a used-oil refining company \$7500 in fines after a prosecution by the Auckland Regional Council. It was the council's first successful prosecution under the Resource Management Act involving air pollution. Dominion Oil pleaded guilty, and the level of fine was influenced by the facts that the offence was not deliberate and that the company had co-operated with the council to fix the problem.

## AND FINALLY:

*Master:* They split the atom by firing particles at it at 5,500 miles per second.

*Pupil:* Good heavens. And they only split it?