

WASTEWATER TREATMENT PLANT

Workshop on plant for treating wastewater, sludges and meeting regulatory limits

A G E N D A

DAY ONE THURSDAY 5 NOVEMBER 2009

8.15	REGISTRATION	
8.30	OVERVIEW OF THE NEW TRADE WASTE POLICY, THE LIMITS AND THE POLICY	Shelly Gallacher Sydney Water
9.45	DISSOLVED AIR FLOTATION SYSTEMS The functions of DAF systems are discussed. Typical operating pitfalls and troubleshooting methods to improve performance are considered in detail.	Matthew Pugh AJM Environmental
10.45	<i>Morning Coffee</i>	
11.05	SLUDGE DEWATERING Overview of various techniques and common plant and equipment used for dewatering sludges to enable disposal to landfill	Matthew Pugh AJM Environmental
12.00	<i>Lunch</i>	
12.45	SOLID LIQUID SEPARATION & FILTRATION A review of various filtration methods, reverse osmosis: cost, solid removal application, advantages, disadvantages, and pitfalls	Ian Doig Consultant
3.00	<i>Afternoon Tea</i>	
3.20	BIOLOGICAL TREATMENT SYSTEMS Biological treatment methods and techniques are reviewed with typical pitfalls and how to avoid them discussed in a case study format.	Chris Hertle GHD Consulting
5.00	<i>End Day 1</i>	

DAY TWO FRIDAY 6 NOVEMBER 2009

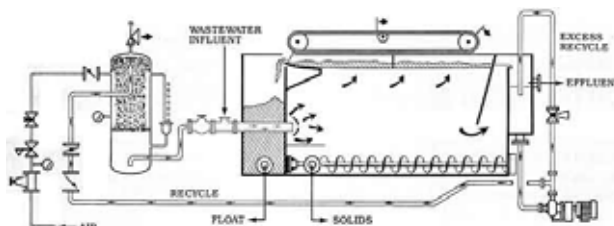
8.30	TREATMENT CHEMICALS & CHOICES Types of treatment chemicals available, their use and how to improve existing treatment plants by choosing the right reagents and flocculants.	Hans Kieft Nalco
10.30	<i>Morning Coffee</i>	
10.50	WASTE MINIMISATION Basic techniques to minimise problem wastewater at source and reduce loads on your trade waste treatment plant.	Andrew Doig, Director ASBG
12.30	<i>Lunch</i>	
1.30	WASTE DISPOSAL Residues from trade waste treatment can cause disposal difficulties. Disposal options, tracking and assessment and avoiding pitfalls when designing and operating a plant are discussed to assist in avoiding the high cost of off-site treatment.	Andrew Doig
2.30	WORKSHOPS All Leaders: Note: participants are invited to bring their own trade waste plant problems with them.	
3.00	<i>Afternoon Tea</i>	
3.30	WORKSHOPS continued	
5.30	<i>Close</i>	

ph 9453 3348 if missing pages

Is your wastewater treatment plant operating well? Do you have high hazardous waste costs? Do you want to cut the costs of running your plant? Do you need to train new staff on your treatment plant's operation? Then please consider this course.

Discharge of trade waste to sewer and landfill is subject to stringent acceptance standards. Penalties for breaching agreements or licences can have severe consequences with fines up to \$5 million and jail terms or sewer disconnection. This workshop will help industry select the best method to meet their wastewater treatment requirements and lower the cost of operating. Expert course leaders have been selected by AEBN to cover the following topics:

- Filtration and solid-liquid separation
- DAF and biological treatment
- Lowering hazardous waste disposal
- Regulatory overview
- Treatment chemical choices
- Sludge dewatering and management



The two-day course concludes with a comprehensive workshop session where individual problems are discussed with the experts.

The Australian Environment Business Network specialises in the provision of information on environmental, safety, energy and technical issues affecting industry and has prepared this program to assist industry affected by the new environmental laws.

OBJECTIVES

- 1 Overview Sydney Water's new Trade Waste Policy in detail for industrial Trade waste agreement holders
- 2 Selecting the best treatment method to meet the sewer limits, and environmental obligations at the lowest cost
- 3 Debugging and optimising your treatment plant's performance
- 4 Present examples of managing trade treatment plants
- 5 Identify sludge dewatering techniques to enable dewatered sludges to be acceptable to landfill saving on waste disposal
- 6 Increasing understanding of the treatment systems available including DAF, biological and solid liquid separation
- 7 Look at waste minimisation and hazardous waste management
- 8 Identify where to find additional information

COST \$615 AEBN/ASBG members
includes. and Nalco clients
GST \$735 non-members

Venue Sydney Water's Rooms
Level 4, 1 Smith St
PARRAMATTA

DATE & TIME

THURSDAY 5 NOVEMBER 2009
FRIDAY 6 NOVEMBER 2009
Workshop time: 8.30am – 5pm

Price includes notes, lunch, morning and afternoon coffee and tea. A 10% discount applies for groups of three or larger.

ENQUIRIES: AEBN Pty Ltd, Ph: (02) 9453 3348 or 0407 238 258

REGISTER TODAY

via



A Tax Invoice will be generated after receipt of your registration. Confirmations sent one week prior to date

Online registrations at:
www.aebn.net.au or email
aebnsw@aebn.net.au

Fax this form to AEBN:
Fax: (02) 9383 8916
Ph: (02) 9453 3348

Post this form to:
AEBN, PO Box 326,
Willoughby, NSW 2068

Name 1		Name 2	
Organisation			
Address			
Suburb		State	Postcode
Ph.	Fax.	Email.	

PAYMENT DETAILS:

Cheques payable to AEBN Pty Ltd ABN 71 100 753 900 or

Charge my **Credit Card** \$_____ Visa Mastercard Diners Amex

Card Number

Expiry date __/__/__

Signature

Cardholder's Name

Cancellation: If you are unable to attend, a substitute delegate from your organization is welcome at no extra charge. A 50% refund, plus conference notes, will be provided if cancellations are received in writing 14 to 7 days prior to the event. Thereafter no refunds can be made, but conference notes will be forwarded by mail following the event. Certificates of attendance are available on course completion.