



STORMWATER GROUP

Presentation by Alan Watton
Group Chair

28 April 2006



• Current Stormwater Group

Alan Watton	Chair
Gary Mains	WBOPDC
Peter Bailey	PCC
Debbie Firestone	TNZ
Balt Gregorius	LTNZ
Richard Green	TNZ
Graeme Tong	PNCC
Fiona Knight	Secretary/Admin



Stormwater Group activities since last meeting

- Progressing work on Flyer
- Comprehensive questionnaire circulated to all TLA's, TNZ Regions
- Responses received back
- Collating these
- MWH research project for Land Transport NZ
- NZWWA 2006 Stormwater conference



Questionnaire

- Total number sent out 84
- Replies received 73
- No reply
 - 5 urban TLA's
 - 2 rural TLA's NI
 - 4 rural TLA's SI



- Using devices of some kind 31

Treating because:

- Consent compliance 19
- Environmental objectives 23
- Maintenance objectives 15

Devices:

- Sumps, traps, filters 28
- Swales, berms 14



Est. network with treatment devices 23
(range 0.01 – 100%)

Monitoring devices 16

Maintenance devices 20

Annual costs of devices 20



Developer contributions		13
No treatment/no plans to treat		21
Public awareness	low	42
	medium	16
	high	2



No stormwater training activities	42
Interested in further information	12
Devices used for road run-off only (this out of 31 devices in use)	12



Key concerns stated in responses

• Impact on adjacent land users	27
• Capital cost of devices	44
• Maintenance costs of devices	45
• Understanding devices	27
• Disposal issues	22
• Consent conditions	23

End



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