

MAR Essentials Workshop TM

Thurs 26th – Fri 27th Oct 2017
Mercure Hotel Perth: 10 Irwin St, PERTH WA

A joint initiative of NCGRT & ICE WaRM, in association with Managed Recharge; Wallbridge Gilbert Aztec; WA Water Corporation; CSIRO; WA Dept of Water and Environmental Regulation; City of Mandurah; Pennington Scott; FMG; UWA; Shire of Kalamunda.



Government of Western Australia
Department of Water and Environmental Regulation



AUSTRALIAN WATER
ASSOCIATION

Time	Session No	Topics	Presenter
DAY 1 CHAIR: Karen Johnston			
8.15 – 8.30		Registration, <i>arrival tea & coffee</i>	
8.30 - 8.35		Workshop Introductions	
8.35 – 9.15	1	Managed Aquifer Recharge (MAR): Introduction and Overview	Karen Johnston <i>Managed Recharge</i>
9.15 – 9.45	2	Potential for MAR in the Perth Region	Don McFarlane <i>UWA</i>
9.45 – 10.30	3	Is MAR an Option? Preliminary Feasibility Assessment	Karen Johnston <i>Managed Recharge</i>
10.30 – 11:00		Morning Tea	
11.00 – 11:30	4	Kwinana – Feasibility of MAR using Recycled Water	Mike Donn <i>CSIRO</i>
11.30 – 12.15	5	Will it Work? Technical Viability Assessment	Russ Martin <i>WGA</i>
12.15 – 12:30		<i>Discussion</i>	<i>All</i>
12.30 – 1:15		Lunch	
1.15 – 1.45	6	Minderoo – Viability of Enhanced Recharge using an Upside-Down Weir	Don Scott <i>Pennington Scott</i>
1:45 – 2.30	7	Setting up a MAR Site – Implementation and Testing	Russ Martin <i>WGA</i>
2.30 – 3.10	8	Perry Lakes – Aquifer Recharge using Infiltration Galleries Infiltration Galleries at CSIRO Floreat: FIG and MARRO projects.	Don McFarlane <i>UWA</i>
3.10 – 3.30		Afternoon Tea	
3.30 – 4.15	9	Moving to an Operational Scheme – Issues and Management	Russ Martin <i>WGA</i>
4.15 – 5:00	10	Chichester Range MAR Scheme – Injecting for almost 10 years	Jordin Barclay <i>FMG</i>
5.00 – 6.00		<i>Complimentary 1 hour drinks and nibbles with the presenters</i>	

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Time	Session No	Topics	Presenter
DAY 2			
CHAIR: Karen Johnston			
8.30 – 8.45		<i>Arrival tea & coffee</i>	
8.45 – 9.00		Review previous day	
9.00 – 10.00	12	Beenyup – MAR as a Water Resource Management Tool	Simon Higginson Water Corporation WA
10.00 – 10:30		Morning Tea	
10.30 – 12:00	13	Field Visit: Beenyup Groundwater Replenishment Scheme	Simon Higginson Water Corporation WA
12.00 – 12.30	14	Field Visit: Hartfield Park Municipal Scale ASR	Karen Johnston Managed Recharge
12.30 – 1:00		Lunch	
1.00 – 1.30	15	Field Visit: Hartfield Park Municipal Scale ASR	Daniel Nelson Shire of Kalamunda
1.30 – 2:45	16	Field Visit: Kwinana, Spectacles Wetlands	Mike Donn CSIRO Don McFarlane UWA
2:45 – 3:15	17	Field Visit: Meadow Springs/Gordon Rd WWTP	Karen Johnston Managed Recharge Don McFarlane UWA
3:15 – 3:30		Afternoon Tea	
3:30 – 4:30	18	Field Visit: Caddadup WWTP/Ocean Rd Reserve	Dale Robinson City of Mandurah
4:30 – 5:30		<i>Discussion on return bus ride</i>	All Presenters
6:00		<i>End of Workshop</i>	