

Groundwater Replenishment Trial

Record of Stakeholder Engagement Activities

Abbreviations

GWR Groundwater Replenishment

GWRT Groundwater Replenishment Trial

MAR Managed aquifer recharge

DoW- Department of Water (formerly Water and Rivers Commission)

DoH- Department of Health

DEC- Department of Environment and Conservation (formerly Department of Environment- DoE and Department of Environmental Protection- DEP))

EPA- Environmental Protection Authority

<i>Date</i>	<i>Communication Type</i>	<i>Stakeholders</i>	<i>Presenters/Authors</i>	<i>Activity</i>
March 2002	Stakeholder Forum	Approximately 80 key stakeholders with an interest in water resource management and recycling	CSIRO, Water Corporation, Murdoch University, Water and Rivers Commission, DEP, DoH	Forum on water recycling for Perth, with the objective of "defining a sustainable state reclaimed water strategy"
Oct 2002	Discussion Paper	Water Symposium for State Water Strategy	Discussion Paper - Findings of the Water Recycling Forum, March 2002, CSIRO, Water Corporation, Murdoch University, Water and Rivers Commission, Dep of Environment, Dep of Health	Tabled as discussion paper at 3 day Water Symposium that informed on State Water Strategy. More than 300 community, stakeholders and decision-makers participated in the Symposium.
Feb 2003	Publication	General Public	Government of WA	Publication of State Water Strategy
25 th and 26 th June 2003	Stakeholder Forum	Approximately 70 stakeholders with an interest in water resource management and recycling.	Water Corporation, DoE (including DoW at this time), DoH, CSIRO, Murdoch University	Workshop with the objective of challenging boundaries for water recycling for Perth.

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April 05	Publication	General Public	Contributions from EPA, DoH, DoE, Water Corporation	Publication of Discussion Paper on MAR using treated wastewater on the Swan Coastal Plain
May 05	Publication	Primarily researchers and technical specialists but document in the public domain.	CSIRO	Publication: Predicting Community Behaviour in Relation to Wastewater Reuse
16 May 05	Public Forum	General Public	EPA, DoH, DoE, Water Corporation	Forum on MAR using Treated Wastewater on the Swan Coastal Plain - Mosman Park
17 May 05	Public Forum	General Public	EPA, DoH, DoE, Water Corporation	Community Forum - AQWA, Hillarys
18 May 2005	Public Forum	General Public	EPA, DoH, DoE, Water Corporation	Community Forum - Riverton
23 May 05	Public Forum	General Public	EPA, DoH, DoE, Water Corporation	Community Forum - Wanneroo
24 May 05	Public Forum	General Public	EPA, DoH, DoE, Water Corporation	Community Forum- Bibra Lake
25 May 05	Public Forum	General Public	EPA, DoH, DoE, Water Corporation	Community Forum - Midland
July 05	Public Forum	General Public	EPA, DoH, DoE, Water Corporation	Publication of Draft Strategic Advice on MAR using Treated Wastewater on the Swan Coastal Plain
Oct 05	Publication	General Public	EPA	Publication of EPA Bulletin 1199 - Strategic Advice on MAR using Treated Wastewater on the Swan Coastal Plain

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9-11 May 2006	Presentation	Enviro 06 attendees (Melbourne)	Nick Turner	Presentation on GWR for Perth and GWRT.
July 06	Presentation	AWA State Conference	Palenque Blair	30 min presentation on GWRT.
July 2006	Market Research (Focus Groups_	General Public	Process managed by Synovate	4 focus groups of approx. 10 people per group (ages from 18 to 55+) conducted by independent market research company, Synovate.
Sep 06	Publication	Primarily researchers and technical specialists but public domain document	CSIRO	Publication: Predicting Community Behaviour: Indirect Potable Reuse of Wastewater through Managed Aquifer Recharge
7 Sep 06	Presentation	Water Corporation staff	Nick Turner/ Louisa Kinnear	Presentation on trial and stakeholder engagement
15 Sep 06	Presentation	Environmental Health Officers Assoc - State Conference	Palenque Blair	25min presentation on indirect potable reuse & groundwater replenishment option for Perth.
18 Sep 06	Presentation	Beenyup Community Reference Group	Nick Turner	Reasons for the trial, and possible local impacts
27 Sep 06	Presentation	Water Corporation staff (Customer Centre)	Nick Turner	Presentation on trial and stakeholder engagement
23 Nov 06	Presentation	DoW, DoE, DoH, Environment, CSIRO, EPA Services Unit	Nick Turner	General presentation to stakeholders.
13 Dec 06	Presentation	DoW/DEC/EPA	Louisa Kinnear Nick Turner	Presentation of proposed communications strategy for GWR trial.

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2 Jan 07	Media Release	Media, general public	Water Corporation Media Release	Water Corporation media release confirming GWR will be explored as a source option.
10 Jan 07	Presentation	Dept. of Treasury and Finance, DoW	Nick Turner	Information for Treasury to justify funding of Gngara Sustainability Strategy.
23 Jan 07-3 Feb 07	Press Advertising	General Public	Water Corporation	Advertising in 16 metropolitan community newspapers to raise awareness about GWR and the trial.
9 Feb 07	Presentation	Environmental Health Officers	Nick Turner	General presentation with emphasis on health issues.
12 Feb 07	Presentation	Water Corp & invited stakeholders (DEC, DoW)	Elise Bekele & Palenque Blair	Presentation on infiltration galleries - CSIRO MAR Project update.
21 Feb 07	Presentation	Retired Engineers Association	Nick Turner	General presentation. Part of a technical tour for retired engineer
22 Feb 07	Media Briefing	Media, general public	Malcolm Turnbull, Federal Minister for Water Resources Hon. John Kobelke, State Minister for Water Resources	Public announcement of Federal funding for GWRT and other WaterSmart Australia projects
23 Feb 07	Presentation	Notre Dame University Medical Students	Nick Turner	Part of first year medicine course, general awareness on water recycling/wastewater
Mar 07	Mailout	Local residents surrounding trial site	Water Corporation	Mailout to local residents advising of proposed GWRT and associated drilling and construction works.
16 Mar 07	Presentation	North West Corridor Infrastructure Development Committee	Nick Turner	Presentation to inform on need for necessary investigations on water recycling.

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19 Mar 07	Site visit Presentation	DoW/DEC	Nick Turner Michael Martin	Visit to proposed injection bore and trial location and presentations on treatment and hydrogeology.
26 Mar 07	Presentation	International Association of Hydrogeologists	Palenque Blair	Presentation on Floreat trial/non potable Managed Aquifer Recharge
29 Mar 07	Stakeholder Briefing	Conservation Council	Nick Turner	Part of annual Water Corporation workshop with Conservation Council.
17 Apr 07	Presentation	Federal Standing Sub-Committee on Environment and Heritage	Nick Turner	Presentation on groundwater replenishment and Gngangara mound as part of study tour for the committee
19 Apr 07	Stakeholder Briefing	Department of Water	Louisa Kinnear	Presented final copy of communications strategy.
24 Apr 07	Presentation	Urban Development Advisory Committee	Nick Turner	Presentation on GWRT.
24 Apr 07	Stakeholder Briefing	DoW/DEC/EPA	Melissa Bromly	Issue of first update on GWRT to key environment and water regulation stakeholders.
26 Apr 07	Presentation	Public Health Assoc. Australia at Health Department	Palenque Blair	Presentation on Groundwater Replenishment & Trial.
May 07	Magazine Article	Recycled water industry, government, general public	Water Corporation	Article on GWR on cover of <i>Rewater</i> , a magazine publishing information about water recycling initiatives around Australia.
10 May 07	Stakeholder Briefing	DoW/DEC/EPA	Nick Turner Vanessa Moscovis	Two hour open question opportunity for DoW/DEC/EPA to raise any issues or concerns relating to the project.

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11 May 07	Presentation	Australian Institute of Environmental Health 61 st Annual State Conference. EHO's and DoH staff	Palenque Blair	Presentation on water recycling for drinking by groundwater replenishment.
22 May 07	Government Briefing	Department of the Premier and Cabinet, DoW, DoH, Depts of Agriculture, Housing and Works, Local Government and Treasury and Finance	Nick Turner Cilla De Lacy	State Water Recycling and Conservation Strategy Senior Officers Group Meeting
23 May 07	Stakeholder Workshop	Regulators, researchers, local council representatives and other involved stakeholders	Nick Turner	Gnangara Sustainability Strategy Introductory Seminar - Workshop
25 May 07	Presentation	Northwest Corridor Coordinating Committee	Nick Turner	Presentation on the GWR trial and options for recycling in the NW corridor.
June 07	Electronic Newsletter	Members of the Water Corporation Corporate Stakeholder Database	Water Corporation	Article on the GWR and trial published in <i>Mainstream</i> - Water Corporation electronic newsletter.
6 / 7 June 07	Presentation	Urban Water Policy Conference, Brisbane	Nick Turner	Presentation on Policy and Communications Strategy
6/7 June 07	Government Briefing	Queensland Water Commission	Nick Turner	Engagement with key utility and policy stakeholders in the SE Queensland scheme putting recycled water into drinking water dam.
18 June 07	Presentation	Beenyup Community Reference Group	Deanne McDonald	Presentation of GWRT

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21 June 07	Stakeholder Briefing	DoW/DEC/EPA	Melissa Bromly	Issue of second update on GWR Trial to key environment and water regulation stakeholders
3 July 07	Stakeholder Briefing	DoW/DEC/EPA	Nick Turner	One hour open question opportunity for DoW/DEC/EPA to raise any issues or concerns relating to the project.
9 July 07	Presentation	Hydrology and Water Resources Panel, Engineers Australia	Nick Turner	Presentation on Groundwater Replenishment Trial.
13-18 July 2007	Market Research	General Public	Research conducted by Synovate	Community telephone survey conducted by independent market research company, Synovate.
16 /18 July 07	Presentation	3 rd Annual AWA Water Reuse and Recycling Conference	Nick Turner	Paper and presentation on technical, policy and stakeholder engagement aspects of the trial.
14 Aug 07	Staffed Display	State Parliament, Politicians and Support Personnel	Nick Turner	Science at Parliament. Full day spent at Parliament house to provide opportunity for elected members to find out more about GWR.
5 Sep 07	Stakeholder Briefing	DoW/DEC/EPA	Melissa Bromly	Issue of third update on GWR Trial to key environment and water regulation stakeholders
13 Sept 07	Stakeholder Briefing	DoW/DEC/EPA	Nick Turner	One hour open question opportunity for DoW/DEC/EPA to raise any issues or concerns relating to the project
13 Sept 07	Presentation	City of Joondalup Sustainability Advisory Committee. Councillors, Community Reps, Council Officers (Rhonda Hardy - contact)	Nick Turner	Presentation on GWRT

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17 Sep 07	Stakeholder Briefing	Mike Daube, Head of Health Policy, Curtin Uni. Chair of Public Health Association (PHA)	Paul van Buynder, DoH Nick Turner	Presentation on GWRT
18 Sep 07	Stakeholder Briefing	Health Consumers Council (HCC) Michele Kosky Kathy McClure	Paul van Buynder, DoH Nick Turner	Presentation on GWRT
18 Sep 07	Media Release	Media, general public	Malcolm Turnbull, Federal Minister for Water Resources	Media release announcing funding for "Ecotox" project- related to GWRT.
27 Sep 07	Stakeholder Briefing	Health Department, Wastewater and Drinking Water Supply areas.	Andrew Bath Steve Capewell Nick Turner Deanne McDonald	Presentation on Risk Assessment and Water Corporation baseline design for trial
Oct 2007	Press Article	University Students	Kym Walker, Curtin University Student	Article on GWRT in Western Independent, a Curtin University publication
9 Oct 07	Stakeholder Briefing.	D'Arcy Holman	Paul van Buynder, DoH Nick Turner	Presentation on GWRT
18 -19 Oct 07	Briefing	Orange County Water District, CA	Nick Turner	Dialogue with technical and stakeholder engagement personnel involved with OCWD scheme.
23 Nov 07	Media Release	Media, general public	Water Corporation Media Release	Media release confirming exploration of GWR as a future source option distributed to metro community newspapers
30 Oct 07	Presentation	Water Corporation Operations Centre Lead Team	Deanne McDonald	Presentation on GWRT

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19 Dec 07	Stakeholder Briefing	Fiona Simpson, State Deputy Leader, National Party Qld, Terry Redman MLA, Member for Stirling	Nick Turner	Presentation on GWR and discussion on water resources in Queensland.
6 Feb 08	Stakeholder Briefing	Australian Medical Association	Nick Turner Paul van Buynder Richard Lugg	Paul presented the health issues relating to GWR and Nick presented the technical aspects
Mar 08	Mailout	Local residents surrounding trial site	Water Corporation	Update to local residents on GWRT and drilling works.
12 Mar 08	Stakeholder Briefing	DoW/DoH/DEC	Water Corporation	Briefing to regulators on risk assessment for GWRT
18 Mar 08	Presentation	Environmental groups Academics General Public	Nick Turner	Presentation on GWRT to Conservation Council Water Futures (Recycling) Forum.
19 Mar 08	Science at Parliament	Nick Turner	Panel Discussion "Responding to Climate Change - Solutions for Western Australia"	Groundwater replenishment was highlighted as a key opportunity for Perth, energy savings in comparison to seawater desalination were noted. Provided update to member for Wanneroo on Trial status, and briefed North metro Legislative Council Member Edmund Dermer on GWR and Trial