

AQUAPLAN 2005-2010 Implementation update (February 2008)

[Note: i) abbreviations are spelt out in full at the rear of the document; ii) completed projects are indicated by grey shading]

Project ¹	Performance indicator <i>Standard required</i>	To be progressed through	Due date	Progress and next steps	Stakeholder priorities as agreed in 2007
Strategy 1: Enhanced integration and scope of aquatic animal health surveillance in Australia					
<i>Strategy 1 - Objective 1. To identify needs and gaps with respect to surveillance requirements for specific industry sectors</i>					
1.1 To identify surveillance requirements for states and territories with reference to specific industry sectors as appropriate	Consolidated report describing existing surveillance levels and outlining the needs and gaps with respect to requirements for participating industries <i>Report accepted by AAHC as noted in minutes</i>	Joint NAC-AAHC working group with a central person to coordinate	state and territory based reports by end 2006; national workshop by end 2007 -complete	PROJECT COMPLETE: A report describing current and future surveillance needs was prepared through a STF-funded consultancy. The report was considered at a surveillance workshop attended by AAHC members on 11 August 2006. The workshop report was circulated to participants.	Not applicable
<i>Strategy 1 - Objective 2. To develop cost-effective surveillance systems tailored to address the identified gaps and needs</i>					
2.1 To develop cost-effective surveillance systems tailored to address the identified gaps and needs	Surveillance plans in place and progressively implemented for each participating industry <i>Confirmed in minutes of AAHC</i>	NAC: Joint NAC-AAHC working group	Trial implementation in one sector by mid 2008 Implemented in two additional sectors by end 2009 Implemented in three additional sectors by mid 2010	PROJECT ONGOING: Surveillance requirements for five industry sectors have been identified through project 1.1 (above). Ongoing implementation of surveillance programs is the responsibility of relevant sectors and jurisdictions. Jurisdictions have reported on the status, or progress toward implementation, of surveillance programs for the abalone, barramundi, salmonid and edible oyster sectors. NEXT STEPS: AAHC to facilitate the sharing of information on state and territory surveillance activities.	Med

Project ¹	Performance indicator <i>Standard required</i>	To be progressed through	Due date	Progress and next steps	Stakeholder priorities as agreed in 2007
Strategy 1 - Objective 3. To have a surveillance information system that addresses the deficiencies found in objectives 1 & 2 and to have surveillance information and analyses organized and readily accessible at a national level					
3.1 To have surveillance information and analyses readily accessible at a national level as identified appropriate.	System fully implemented, populated with information and providing reports <i>Confirmed in minutes of AAHC</i>	OCVO	Originally due to be designed and established and users trained by end 2006; with information submission and reporting routine by end 2007	PROJECT DEFERRED: Information systems have been developed by jurisdictions to service their specific needs. A national system for collating surveillance information, beyond the existing arrangements (e.g. the QAAD system), is considered a low priority and not an efficient use of available resources. Information on state and territory surveillance activities will be shared through project 2.1 (above). NEXT STEPS: Project deferred; status to be reassessed at next review.	Low (project deferred)
	An operational pathogen register with universal web access is established and maintained <i>Confirmed in minutes of AAHC</i>	OCVO	Operational pathogen register by end 2006	PROJECT ONGOING: A major project (funded through the STF initiative) to improve the useability and functionality of the existing database application has been completed. Considerable improvements to the quality and completeness of the dataset have also been made. NEXT STEPS: Input from NAAH-TWG and AAHC to be sought on operating guidelines for the database.	Med

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Strategy 1 - Objective 4. To improve investigation and reporting of major (wild) fish kills					
4.1 To improve investigation and reporting of major (wild) fish kills.	At least 80% per cent of 'major' fish kills investigated and reported <i>Review report accepted by AAHC as noted in minutes</i>	NAAH-TWG	Protocols finalised, agreement among agencies by end 2007 Training workshops and recording system in place by end 2008 Routine annual reporting by end 2009	PROJECT ONGOING: The <i>National Investigation and Reporting Protocol for Fish Kills</i> has been endorsed by governments through the Natural Resource Management and Primary Industries Standing Committees. The protocol has been published (funded through the STF initiative) and copies sent to relevant officers in all jurisdictions. Jurisdictions have developed systems to record information on fish kills within their jurisdiction. Jurisdictions have agreed (AAHC meeting 3 July 2007) that the most efficient means of reporting fish kills nationally is through the existing QAAD system. QAAD rapporteurs have been encouraged to make full use of the QAAD system to report major fish kills.	Not applicable
Strategy 1 - Objective 5. To create a consistent system of aquatic animal disease laboratory diagnosis and reporting across Australia					
5.1 To create a consistent system of aquatic animal disease laboratory diagnosis and reporting across Australia	National laboratory network formed with quality assurance program in place Proficiency testing for prioritised diagnostics ¹ <i>Reports accepted by AAHC as noted in minutes</i>	NAAH-TWG	Consultation and planning process completed by end 2006 Implementation underway by end 2007 Fully implemented by end 2008 Review and adjustment by end 2009	PROJECT ONGOING: A FRDC project on the establishment of a national aquatic animal health diagnostic network has been completed and the final report was provided to NAAH-TWG and AAHC in 2007. A national aquatic animal diagnostic database has been developed to support the network. The database has been created for hosting on the DAFF website, using the outcomes of the FRDC project (above). A STF-funded consultancy has been completed for PCR proficiency-testing for three priority pathogens (WSSV, EHN and nodavirus). NEXT STEPS: NAAH-TWG to develop specific advice on the establishment of a laboratory network.	High

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Strategy 2: Harmonisation of approaches to aquatic animal health in Australia					
<i>Strategy 2 - Objective 1. To harmonise the framework for aquatic animal emergency disease management in Australia</i>					
1.1 Implementation of the recommendations arising from <i>Exercise Tethys</i> (aquatic) and <i>Exercise Minotaur</i> (terrestrial)	Recommendations implemented <i>Improvements seen in updated systems</i>	AAHC	31/12/06	PROJECT ONGOING: Recommendations arising from <i>Exercise Tethys</i> continue to be implemented and many have been incorporated into standard operating procedures of jurisdictions. Progress toward implementation of recommendations is monitored annually by AAHC. NEXT STEPS: Implementation of recommendations is ongoing. Progress documented annually by AAHC.	Low
1.2 Identification of further opportunities to harmonise emergency disease management through the conduct of additional simulation exercises	Conduct of further simulation exercises <i>To the satisfaction of participating jurisdictions</i>	OCVO	Ongoing (1 exercise per year)	PROJECT ONGOING: Simulation exercises are undertaken regularly by jurisdictions (e.g. 'Exercise Bubbling Goose', SA; 'Exercise Rainbow', Vic.). Conduct of simulation exercises is considered one opportunity among a range of activities that can be used to harmonise emergency disease management. NEXT STEPS: Jurisdictions to indicate interest to hold simulation exercises in 2008-2009.	Low
<i>Strategy 2 - Objective 2. To implement a common approach to zoning for disease control and market access</i>					
2.1 Review and update, if required, of the current <i>AQUAPLAN Zoning Policy Guidelines</i> by governments and industry	Revision of zoning policy guidelines <i>Endorsed by AAHC</i>	AAHC	31/05/2009	PROJECT ONGOING: The current <i>AQUAPLAN Zoning Guidelines</i> require updating to improve useability and to reflect the section on zoning and compartmentalisation in the 2007 edition of the <i>OIE Aquatic Animal Health Code</i> . NEXT STEPS: Update the zoning policy guidelines to improve useability and reflect changes in the <i>OIE Aquatic Animal Health Code</i> .	Low

Project ¹	Performance indicator <i>Standard required</i>	To be progressed through	Due date	Progress and next steps	Stakeholder priorities as agreed in 2007
Strategy 2 - Objective 3. To implement a common/national approach for managing pathogens associated with the translocation of live aquatic animals across Australia					
3.1 The creation and adoption of National Technical Guidelines for the Translocation of Live Aquatic Animals, with respect to pathogens	Guidelines completed and adopted <i>Guidelines endorsed and regularly reviewed by appropriate agencies</i>	AAHC	31/12/2007	<p>PROJECT DEFERRED: Numerous guidelines have been developed for specific sectors; however, some projects have concluded that the practicality or utility of generic, national technical guidelines (i.e. technical guidelines that apply across sectors) is limited.</p> <p>Completed projects on translocation include: Jones, J.B., Stephens, F. 2006. Aquatic animal health subprogram: development of a national translocation policy using abalone and prawns as templates for other aquatic species. <i>Fisheries Research and Development Corporation Final Report 2004/080, 86p.</i> Jones, J.B. 2005. Aquatic animal health subprogram: technical guidelines for the translocation of live aquatic animals – with reference to barramundi nodavirus. <i>Fisheries Research and Development Corporation Final Report 2005/640, 24p</i></p> <p>NEXT STEPS: Project deferred; status to be reassessed at next review.</p>	High (project deferred)
3.2 The development, implementation and recording (national) of specific translocation policies for live aquatic animals as appropriate	Translocation policies for live aquatic animals developed <i>Policies implemented by appropriate agencies</i>	AAHC	31/12/2008	<p>PROJECT ONGOING: Numerous translocation policies have been developed by jurisdictions for translocation of live aquatic animals. NAAH-TWG collates information on specific live aquatic animal translocation policies – available on the NAAH-TWG website.</p> <p>NAAH-TWG held a translocation workshop in 2007 that was organised to discuss the development of common approaches to the translocation of live aquatic animals across Australia. Outcomes of this workshop include more consistent approaches to translocation of barramundi between jurisdictions.</p> <p>The Aquaculture Committee has an interest in translocation of live aquatic animals. The AAHC Chair has invited closer cooperation between the two committees on translocation issues.</p> <p>NEXT STEPS: Ongoing sharing of information between jurisdictions to facilitate consistency between specific translocation policies.</p>	High

Project ¹	Performance indicator <i>Standard required</i>	To be progressed through	Due date	Progress and next steps	Stakeholder priorities as agreed in 2007
3.3 Development of policy guidelines for the translocation of bait and berley within Australia	Policy guidelines developed <i>Policies implemented by appropriate agencies</i>	AAHC	31/12/2009	PROJECT ONGOING: A report identifying hazards in bait and berley that may impact on the health of aquatic animals has been developed by NAAH-TWG. This document is available on the NAAH-TWG webpage. NEXT STEPS: To be progressed by AAHC Bait Translocation Working Group.	High
<i>Strategy 2 - Objective 4. To harmonise any new legislative, code of practice or quality assurance approaches as they are initiated in aquaculture</i>					
4.1 Sharing of information to aid the harmonisation of new legislation, codes of practice, and quality assurance programs developed for the aquatic animal industries with respect to aquatic animal health	Information shared. Stakeholders consulted as appropriate <i>Stakeholders contribute to the forum</i>	Aquaculture Committee	30/06/2006	PROJECT ONGOING: NEXT STEPS: Aquaculture Committee to provide updates as appropriate.	Low
4.2 Development of (or collation of existing) biosecurity principles for use by the wider aquaculture community as appropriate	Collation or development of biosecurity principles <i>Adopted by major industries</i>	NAC	31/12/2007	PROJECT ONGOING: Several parties are pursuing initiatives that contribute to this project. Documents are available within Australia and internationally (e.g. OIE and FAO). Collation of documents would improve accessibility. The NAAH-TWG executive officer has advised that the NAAH-TWG website is available for sharing biosecurity documents. The NAC website is available but would require preparation of some new web pages. NEXT STEPS: NAC to provide updates as appropriate.	High

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Strategy 3: Enhancement of aquatic animal emergency disease preparedness and response framework					
<i>Strategy 3 - Objective 1: To agree on an approach to cost sharing arrangements for Australian aquaculture industries</i>					
1.1 Development of an issues paper to provide information including: the principles of aquatic animal diseases with respect to inclusion in cost sharing agreements and identification of relevant activities within other sectors (eg plants, marine pests)	Issues paper developed and distributed to industry and government stakeholders <i>Paper presented at stakeholder forums to support the provision of formal responses</i>	OCVO	31/07/2005-complete	PROJECT COMPLETE An OCVO-prepared discussion paper was considered by AAHC in 2005.	not applicable
1.2 Provision of formal industry and state and territory responses on willingness (or otherwise) to enter into discussions regarding the establishment of an EADRA for the aquaculture industry	Industry and governments provide a formal response <i>Agreement reached on the continuation (or otherwise) of EADRA discussions</i>	NAC, governments	31/12/2005-complete	PROJECT COMPLETE: Formal responses were received from governments and industry in early 2005. PIHC agreed (April 2005) that preparatory work is sufficient that, with the agreement of all parties, process could go forward. Industry responses were presented to the AAHC-07 meeting (June 2005). Some jurisdictions have independently engaged with aquatic industries about the concept and need for an EADRA.	not applicable

Project ¹	Performance indicator <i>Standard required</i>	To be progressed through	Due date	Progress and next steps	Stakeholder priorities as agreed in 2007
<p>1.3 If the decision is to move forward with the discussions -conduct of stakeholder workshop to agree on the most appropriate method to establish a CSA in Aquaculture</p>	<p>Workshop help</p> <p><i>An agreed outcome reached at the workshop and the eventual implementation of Aquatic EADRA</i></p>	DAFF	31/12/2006	<p>PROJECT ONGOING: PIHC has agreed to participate in a workshop to progress development of an emergency response agreement; however, the workshop has been deferred due to the development of new institutional arrangements, including the dissolution of PIHC.</p> <p>AAHC has formed a working group on national emergency aquatic animal disease response arrangements. The working group is tasked with determining how national arrangements for managing emergency aquatic animal disease incidents could be improved through the development of some form of agreement between aquatic industries and governments, using the abalone industry as model.</p> <p>NEXT STEPS: The AAHC WG is to report on the progress of its work to AAHC. Conduct of a workshop to be considered within the context of progress by the AAHC WG.</p>	High
<p>Strategy 3 - Objective 2: To ensure the scientific and technical accuracy of AQUAVETPLAN</p>					
<p>2.1 Review and validate AQUAVETPLAN manuals to ensure they are accurate/appropriate for use in an emergency response</p>	<p>AQUAVETPLAN manuals reviewed and validated Process for prioritisation of new manuals/review agreed by AAHC <i>AQUAVETPLAN manuals accurate and take into account latest scientific findings and government policy</i></p>	NAAH-TWG AAHC	On-going Paper to AAHC by 30/06/2006 - complete	<p>PROJECT ONGOING: A process for prioritisation of new manuals and review of existing manuals was endorsed by AAHC in 2006.</p> <p>New manuals:</p> <ul style="list-style-type: none"> - Disease Strategy Manual – withering syndrome of abalone (published 2006) - Disease Strategy Manual – abalone viral ganglioneuritis (in preparation) - Disease Strategy Manual – infectious salmon anaemia (entered endorsement process) - Operational procedures manual - decontamination (endorsed 2007; in press) <p>Manuals under review:</p> <ul style="list-style-type: none"> - Disease strategy manual – furunculosis 2001 (review commenced 2007) - Operational procedures manual – destruction 2002 (review commenced 2007) - Operational procedures manual – disposal 2002 (review commenced 2007) - Management manual – control centres 2001 (review 	Med

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				<p>commenced 2007)</p> <ul style="list-style-type: none"> - Aquatic Animal Diseases Significant to Australia – identification field guide 2004 (review commenced 2008) <p>NEXT STEPS: AAHC Secretariat to coordinate endorsement and publication of new and revised manuals in accordance with agreed processes.</p>	
Strategy 4: Education and training in the aquatic animal health sectors					
<i>Strategy 4 - Objective 1. To clearly define the current and future needs for aquatic animal health support among Australia's aquaculture industries (established and emerging)</i>					
1.1 Identification of current resource levels within the aquatic animal health service industry, with thought given to possible succession planning activities	Issues paper developed <i>Paper endorsed/considered by major government and industry stakeholders</i>	NAAH-TWG	30/06/2006	<p>PROJECT ONGOING: A FRDC project (2005/641) on current and future needs for aquatic animal health training and for systems for merit-based accreditation and competency assessments has been completed.</p> <p>NEXT STEPS: A workshop will be held in conjunction with the 2008 NAAH-TWG meeting to build on the work of the FRDC report by identifying priority education and training needs and specific strategies to address those needs.</p>	High
1.2 Identify and collate existing continuing education opportunities into a training register	Training register developed <i>Register available for use</i>	NAC	31/12/2006	<p>PROJECT ONGOING: Not commenced</p> <p>NEXT STEPS: The workshop described above (1.1) may provide opportunities to collate information on training opportunities.</p>	Med
<i>Strategy 4 - Objective 2. If required, to modify the current education and training structures to ensure Objective 1 needs are satisfied</i>					
2.1 Development and implementation of strategies to address the identified gaps, including the provision of "on the job training" and scholarship support.	Programs developed to address identified gaps <i>Programs endorsed by appropriate stakeholders</i>	AAHC	31/12/2007	<p>PROJECT ONGOING: Not commenced</p> <p>NEXT STEPS: The workshop described above (1.1) will aim to develop specific strategies to address those education and training needs.</p>	Med

Project ¹	Performance indicator <i>Standard required</i>	To be progressed through	Due date	Progress and next steps	Stakeholder priorities as agreed in 2007
<i>Strategy 4 - Objective 3. To develop an accreditation/competency scheme for aquatic animal health service providers</i>					
3.1 Identify the current mechanisms for the accreditation and competency assessment of animal health professionals, and determine the suitability of these schemes for the accreditation of aquatic animal health professionals	Existing schemes reviewed for appropriateness <i>Aquatic animal health professionals join existing schemes</i>	NAAH-TWG	30/06/2007	PROJECT ONGOING: Not commenced NEXT STEPS: The workshop described above (1.1) is likely to address the issue of professional accreditation.	Low
3.2 Develop and implement new accreditation systems where current schemes are deemed not to meet the specific needs of aquatic animal health professionals	New schemes developed where appropriate <i>Aquatic animal health professionals join new schemes</i>	NAAH-TWG	30/06/2008	PROJECT ONGOING: Not commenced NEXT STEPS: The workshop described above (1.1) is likely to address the issue of professional accreditation.	Low
<i>Strategy 4 - Objective 4. To provide training in the framework and operational aspects of aquatic animal disease emergency management.</i>					
4.1 Documentation of the training exercises conducted by state and territory governments and the Australian Government, including industry involvement and training	Training exercises documented <i>Increased awareness of emergency management frameworks amongst jurisdictions and industries</i>	AAHC	On-going	PROJECT ONGOING: Emergency disease response training activities are collated through AAHC as an ongoing activity. NEXT STEPS: Annual call for updates will be made by the AAHC Secretariat.	Low

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4.2 Conduct training on the operations of the aquatic CCEAD	AqCCEAD training courses designed and conducted <i>Industry and government representatives aware of the CCEAD guidelines and their responsibilities</i>	AAHC	On-going	PROJECT ONGOING: Development of an online forum for secure and more efficient distribution of committee papers is in the final stages of preparation. NEXT STEPS: AqCCEAD members will be consulted regarding operation of the new forum.	Low
4.3 Development of emergency response reference material targeted at the on-farm/industry level to raise awareness about the application of biosecurity at these levels	Awareness material (eg biosecurity video) developed and distributed, to key stakeholders <i>Adopted by major industries</i>	NAC	31/12/2007	PROJECT ONGOING: Numerous activities are undertaken to meet the needs of individual jurisdictions and sectors (e.g. awareness material for abalone viral ganglioneuritis in several jurisdictions). STF funds have been used for the development of an on-farm emergency disease simulation exercise and standard operating procedure (completed 2007). On-farm awareness material for nodavirus (STF-funded) is currently under preparation. NEXT STEPS: NAC to liaise with industry to determine any further requirements.	High
4.4 Ensure existing resources for EAD training are able to be used/accessed by aquatic animal health sector	Aquaculture EAD training is integrated with existing systems (both govt and industry based programs)	NAC	31/12/2007	PROJECT ONGOING: Some resources are accessible via the internet (e.g. AQUAVETPLAN manuals). Any training resources need to be consistent with the existing arrangements within each jurisdiction. NEXT STEPS: Accessibility of EAD training resources needs to be assessed.	Med

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Strategy 5: Welfare standards for aquaculture					
<i>Strategy 5 - Objective 1. To develop a scientifically based and harmonised approach to aquatic animal welfare policies across Australia</i>					
1.1 Review existing welfare policies applied in aquatic animal (including aquaculture, ornamentals and wild and recreational fishing) industries in Australia	Completion of a review of existing standards <i>To the satisfaction of AAHC</i>	AAHC Animal Welfare Working Group	31/12/2005 - complete	PROJECT COMPLETE: AAHC has agreed (Dec 2006) to prioritise the welfare of finfish until such time that further scientific information is available regarding the welfare of other aquatic animals such as molluscs and crustaceans. A review of current welfare arrangements for finfish in Australia has been completed as an activity of the Australian Animal Welfare Strategy (AAWS) and is available on the DAFF website.	not applicable
1.2 Develop and adopt an AAHC position statement on aquatic animal welfare and seek endorsement by governments and peak industry bodies	Development of an AAHC position statement on aquatic animal welfare <i>Endorsement by PISC and peak industry bodies (NAC)</i>	AAHC Animal Welfare Working Group	31/12/2006	PROJECT DEFERRED: AAHC has agreed to defer this project (AAHC-13, July 07) pending further progress by the AAWS Sectoral Working Group for Aquatic Animals. NEXT STEPS: Status to be considered at next review.	Med (project deferred)
1.3 Continue to provide advice on aquatic animal welfare issues through the inclusion of an AAHC member on NCCAW.	Provision of advice on aquatic animal welfare issues through the inclusion of an AAHC member on NCCAW <i>NCCAW appreciates advice</i>	AAHC representative on NCCAW	On-going	PROJECT REDUNDANT: Representation of AAHC on NCCAW will no longer be possible due to changed NCCAW membership structure. Other avenues of representation are available for aquatic animal welfare issues, e.g. through the AAWS Sectoral Working Group for Aquatic Animals or through jurisdictional representation on NCCAW.	not applicable
1.4 Provide advice on the development and implementation of specific projects under the Australian Animal Welfare Strategy	Provision of advice on the development & implementation of specific projects under the AAWS <i>To the satisfaction of AAHC</i>	AAHC representative on NCCAW, AAHC Animal Welfare Working Group	On-going	PROJECT ONGOING: Significant cross-representation exists between AAHC and the AAWS Sectoral Working Group for Aquatic Animals, facilitating communication between the two groups. NEXT STEPS: AAHC to continue to monitor progress under the AAWS.	Med

Project ¹	Performance indicator <i>Standard required</i>	To be progressed through	Due date	Progress and next steps	Stakeholder priorities as agreed in 2007
Strategy 5 - Objective 2. To increase awareness of aquatic animal welfare issues within industry					
2.1 Promote the uptake of industry codes of practice through improved access to relevant information, including provision of information sourced under objective 1.1	Undertaking of industry workshops to encourage the uptake of industry codes of practice <i>To the satisfaction of attendees</i>	AAHC Animal Welfare Working Group and major industry sectors	31/12/06 and on-going	PROJECT ONGOING: Under the AAWS, workshops have been held for ornamental, aquaculture and wild capture sectors to consider welfare aspects. The recreational fishing sector is conducting a major review of internal codes of practice. NEXT STEPS: industry members to provide updates as appropriate.	Med
Strategy 5 - Objective 3. To assist international standard setting bodies in developing welfare guidelines and standards that are scientifically based					
3.1. Proactively engage with the relevant standard-setting bodies to assist development of international welfare standards that are underpinned by science	Proactive engagement with the relevant standard-setting bodies to assist development of international welfare standards that are underpinned by science <i>Invited to participate in international forums</i>	OCVO	On-going	PROJECT ONGOING: The OCVO continues to coordinate Australia's responses to proposed international aquatic animal welfare standards. NEXT STEPS: ongoing	Med
Strategy 6: Appropriate use of therapeutics for aquatic animal health management					
Strategy 6 - Objective 1. To ensure the availability and safe use of therapeutics for cultured aquatic animals in Australia.					
1.1 Update existing lists of products required for use by aquatic animal industries	Identification of products required by aquaculture industries <i>Products registered under MUP system</i>	NAC	31/12/2006	PROJECT COMPLETE: AAHC's Veterinary Medicines in Aquaculture Working Group (VMA-WG) consulted with industry sectors to determine priorities in early 2006. A list of priority chemicals has been developed and was circulated to AAHC for information in July 2006.	Not applicable

Project ¹	Performance indicator <i>Standard required</i>	To be progressed through	Due date	Progress and next steps	Stakeholder priorities as agreed in 2007
<p>1.2 The formation of a working group to liaise with the APVMA. This group will be responsible for the production of issue papers and the identification of funding sources</p>	<p>Development of issues paper, liaison with APVMA</p> <p><i>Issues paper considered at stakeholder workshop</i></p>	NAC	30/06/2006	<p>PROJECT COMPLETE: The AAHC VMA-WG has completed its work and NAC is now responsible for completing projects under this strategy.</p>	Not applicable
<p>1.3 The registration of up to 40 products for use by aquatic animal industries (with consideration given to the different mechanisms for registration and the registration of basic pharmaceuticals for use in generic groups of animals – crustaceans, coldwater finfish etc. – rather than specific species)</p>	<p>Products registered for use</p> <p><i>Registered products used by industry</i></p>	NAC	30/06/2010	<p>PROJECT ONGOING: Progress has been made in pursuit of minor use permits (MUP) for a number of priority veterinary medicines; however the coordination of applications could be improved. For some applications, significant resources and experienced personnel may be required.</p> <p>NEXT STEPS: The NAC continues to explore opportunities to resource efficient arrangements to progress MUP applications.</p>	High
<p>1.4 The identification and registration of veterinary chemicals for use in cultured aquatic species in Australia using the Category 40 system through the APVMA</p>	<p>Positive feedback from course participants</p> <p><i>Participants recommend course</i></p>	NAC	31/06/2008	<p>PROJECT REDUNDANT: The APVMA's Manual of Requirements and Guidelines no longer includes the category 40 system; however, alternatives to MUP applications may be available and are to be considered under project 1.3.</p>	Project redundant

Project ¹	Performance indicator <i>Standard required</i>	To be progressed through	Due date	Progress and next steps	Stakeholder priorities as agreed in 2007
1.5 Encourage responsible bodies such as NAC to obtain Minor Use Permits for a range of basic pharmaceuticals to be used in generic groups of animals – crustaceans, coldwater finfish etc. – rather than specific species	MUPs obtained for a range of pharmaceuticals <i>Targets for registrations to be set once the target chemicals have been identified and the priorities for registration are agreed with industry</i>	NAC	31/12/2009	PROJECT ONGOING: NAC's approach to project 1.3 is consistent with this project. NEXT STEPS: NAC to provide updates as appropriate.	High
1.6 Conduct of sector specific farm-level training courses for the safe and appropriate use of chemicals used in aquaculture	Positive feedback from course participants <i>Participants recommend course</i>	NAC	31/12/2008	Not commenced	Med

Strategy 7: Aquatic animal health management as part of ecologically sustainable development

Strategy 7 - Objective 1. To ensure that market opportunities are not lost due to the use of sub-optimal health management practices in aquaculture

1.1 Encourage research in basic immunology and modulation of immune function to underpin the proposed farm management practices, including current therapeutants, future vaccines and farm management strategies	Research projects undertaken in the identified areas <i>Research topics contribute to improved management of aquatic animal health</i>	NAAH-TWG	On-going	PROJECT ONGOING: Research into basic immunology and immuno-modulation has been included as a key research area within the FRDC Aquatic Animal Health Subprogram Research and Development Plan (2004-2008). Specific initiatives have been undertaken; e.g. Tasmania's work to produce vaccines for the salmonid industry and international keynote presentations on immunology at the 2005 and 2007 FRDC Aquatic Animal Health Subprogram Scientific Conferences. NEXT STEPS: NAAH-TWG to provide updates as appropriate.	High
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Strategy 7 - Objective 2. To raise awareness about disease issues associated with imported live aquatic animals					
2.1 Produce and disseminate information packages on disease risks associated with imported live aquatic animals to pet shops, practising veterinarians, relevant industry organisations, and aquarium owners (with consideration given to wider distribution of brochures)	Information package produced and distributed <i>Information package distributed to all practicing vets, all aquarium fish societies and all registered pet shops</i>	PIAA and AVA	30/06/2007	<p>PROJECT ONGOING: A STF-funded project to develop information material on disease risks associated with imported live aquatic animals has commenced. The material is being developed and distributed in cooperation with the PIAA and the Aquatic Animal Health Chapter of the AVA.</p> <p>NEXT STEPS: PIAA to provide updates as appropriate.</p>	High

ABBREVIATIONS

AAHC	Aquatic Animal Health Committee
AAWS	Australian Animal Welfare Strategy
APVMA	Australian Pesticides and Veterinary Medicines Authority
DAFF	Australian Government Department of Agriculture, Fisheries and Forestry
FAO	Food and Agriculture Organization of the United Nations
FRDC	Fisheries Research and Development Corporation
NAAH-TWG	National Aquatic Animal Health Technical Working Group
NAC	National Aquaculture Council
NCCAW	National Consultative Committee on Animal Welfare
OCVO	Office of the Chief Veterinary Officer (within DAFF)
OIE	World Organisation for Animal Health
PIAA	Pet Industry Advisory Association
PIHC	Primary Industries Health Committee
QAAD	Quarterly Aquatic Animal Disease (reporting system)
STF	Australian Government initiative: <i>Securing the Future – Protecting Our Industries from Biological, Chemical and Physical Risk</i>