



NAFTA Technical Working Group on Pesticides
Grupo de Trabajo Técnico del TLCAN sobre Plaguicidas
Le groupe de travail technique de l'ALENA sur les pesticides

PROJECT SHEET

SUBCOMMITTEE: Joint Review of Chemical Pesticides

PROJECT TITLE: **Co-operative Re-evaluation / Re-registration of Heavy Duty Wood Preservatives (HDWP)**

PROJECT TEAM: John Worgan, PMRA (lead) Michael Dong, Cal EPA,
Connie Moase, PMRA Connie Welch, EPA
Cathy Campbell, PMRA Norm Cook, EPA
Caje Rodrigues, PMRA
Christopher Dufault, PMRA
Ron Scharfe, PMRA

INITIATION: December, 1994

UPDATE: November 26, 2003

GOAL: To achieve a harmonized decision on the re-evaluation of heavy duty wood preservatives in Canada and the United States through the exchange of information the risk assessment and risk management of these products

PROJECT DESCRIPTION:

The objectives of the project are to identify active ingredients and uses being re-evaluated in each country; to exchange information on data requirements, decision-making processes, re-evaluation status and alternative products; and to develop a joint work plan to complete the re-evaluation of these products. Further expansion of project would be considered on an ongoing basis as resources permit. Work on pentachlorophenol, creosote and chromated copper arsenate (CCA) will continue as part of the project.

Registrants have joined forces to produce data collectively and have also provided written support for exchange of data review documents between PMRA and EPA.

BACKGROUND/RATIONALE:

This project has been initiated to address common challenges related to the reassessment of these wood-treatment products. Registration decisions resulting from the reassessments are expected to have a potentially significant impact on the wood preservation sector and wood products industry. There are several international and bilateral initiatives, involving the active ingredients and their contaminants, that would suggest that the use of this group of products be closely

examined and, if possible, a North American position be developed regarding uses.

MILESTONES:

1. Pentachlorophenol

A draft Preliminary Risk Assessment for Pentachlorophenol has been generated based on EPA and PMRA reviews and discussions between the two agencies. The document has been given to the registrants for error correction and both Agencies participated in a joint meeting with the registrants to discuss their comments. Further changes are currently being made to the Preliminary Risk Assessment prior to its public release. The Preliminary Risk Assessment includes an assessment of microcontaminants.

2. Creosote

A Preliminary Risk Assessment for Creosote has been generated based on EPA and PMRA reviews and discussions between the two agencies. The document has been given to the registrants for error correction and both Agencies participated in a joint meeting with the registrants to discuss their comments. The Preliminary Risk Assessment is scheduled to be posted for a public comment period in December 2003. Following this comment period, the preliminary risk assessment will be revised and risk management options will be examined.

3. Copper Chrome Arsenate (CCA)

A draft Preliminary Risk Assessment for CCA has been generated for the occupational use scenario based on EPA and PMRA reviews and discussions between the two agencies. The document has been given to the registrants for error correction and both Agencies participated in a joint meeting with the registrants to discuss their comments. Further changes are currently being made to the Preliminary Risk Assessment prior to its public release.

A draft *Probabilistic Risk Assessment for Children Who Contact CCA-Treated Playsets and Decks* was released for public comment on November 13, 2003. Due to the innovative scientific techniques used in this risk assessment, the USEPA is convening a Scientific Advisory Panel (SAP) on December 3-5, 2003 to seek independent expert scientific advice on the data and methodology used in this assessment. The PMRA will participate at this meeting.

Work Plan

Subcommittee: Joint Review of Chemical Pesticides

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Update: November 26, 2003

Goal	Activities	Time Frame
To develop re-evaluation approach consistent with NAFTA project	To identify common re-evaluation/re-registration initiatives and opportunities for work sharing and increased efficiency.	ongoing
	Develop/revise work plan with scientific and policy-based considerations for all active ingredients.	ongoing
Pentachlorophenol - Targeted completion date - 2004		
	Review and peer review worker exposure study. Action: Cal EPA (lead), EPA, and PMRA (peer review).	
	EPA forwarded review of worker exposure study to Cal EPA and PMRA	March, 2001
	PMRA sent comments to EPA: several outstanding issues (pharmacokinetics still to be resolved)	November, 2001
	Copy of environmental section of PMRA's PACR document sent to US EPA	September, 2001
	Complete science chapters (via contract work) ¹ on microcontaminants for inclusion in pentachlorophenol RED and send to PMRA/Cal EPA. Action: EPA	March, 2003
	Review and provide comments (to EPA) on draft science chapters including microcontaminants Action: PMRA (HED and EAD) and Cal EPA	preliminary comments April, 2003 (revised PRA not yet received)
	Preliminary Risk Assessment to be released for public comment. Action: EPA (PMRA)	December 2003 or early 2004
Creosote - Targeted completion date - 2004		

¹ EPA has provided PMRA an opportunity for involvement in this task.

Goal	Activities	Time Frame
	Review and peer review worker exposure study Action: PMRA (lead); EPA, Cal-EPA (peer review)	November 2002
	PMRA/EPA/CalEPA discussion of issues related to study review.	Fall 2002
	Provide Canadian environmental review document to EPA for peer review (Action: PMRA)	September, 2001: Completed
	Provide comments to EPA on their environmental science chapters (Action: PMRA)	September, 2001: Completed
	Complete science chapters and forward to PMRA and Cal EPA. Action: EPA	September 2002: Completed
	Review and provide comments (to EPA) on science chapters Action: PMRA (HED and EAD) and Cal EPA	October/November: 2002
	Preliminary Risk Assessment to be released for public comment Action: EPA (PMRA)	First Draft complete Sept. 2002; several revisions 2002-2003. PRA to be released December 2003
CCA - Targeted completion date - 2004		
To share the workload associated with data review/risk assessment	Complete the review of pertinent available toxicology data and conduct peer review. Action: EPA and PMRA	EPA Completed draft (arsenic/chromium): May 2000
	EPA forwarded preliminary exposure/risk assessment to PMRA (playgrounds only)	June, 2001
	SAP consultation held (playgrounds only).	October, 2001
	Review and peer review Worker Exposure Study Action: US EPA (lead); PMRA, Cal-EPA (peer review)	EPA Review Complete June, 2002
	PMRA review of occupational exposure study	September 2002
	Finalize sampling and bioavailability protocols for additional sampling	September, 2002
	Provide Canadian environmental review document to EPA for peer review. Action: PMRA	September, 2001: Completed
	Provide US EPA environmental risk assessment to PMRA for peer review. Action: EPA	Sept/October 2002

Goal	Activities	Time Frame
	Conduct joint discussions on the peer-reviewed data reviews and finalize environmental risk assessment. Action: EPA and PMRA	October/Nov, 2002
	Complete science chapters and forward to PMRA and Cal EPA Action: EPA	November, 2002
	Review and provide comments (to EPA) on science chapters Action: PMRA (HED and EAD) and Cal EPA	preliminary comments Dec, 2002 (revised PRA not yet received (fall, 2003))
	Release Preliminary Risk Assessment (not including residential) Action: EPA	late 2003/ early 2004
	Release draft of Children's probabilistic risk assessment. Action: EPA (PMRA)	November, 2003
	SAP on children's probabilistic risk assessment	Dec 3-5, 2003
Value/Benefits assessment for CCA, PCP, CRT	<p>Complete analysis of available information related to the value/benefits for CCA products. Prepare and revise draft CCA Value Assessment. Peer review and send copy to EPA.</p> <p>Complete peer review and send Draft Penta document to EPA BEAD section .</p> <p>Revise format for creosote draft Value Assessment Peer Review and send to EPA.</p>	<p>October, 2002</p> <p>April, 2001: Completed</p> <p>October 2002</p>
Communication/ consultation For all substances	Complete stakeholder identification.	Date to be Determined
	Prepare PACR & RED for publication.	Date to be determined

Notes:

EPA will take the lead on coordinating work sharing and harmonization issues for Health Assessments. PMRA will take the lead on coordinating work sharing and harmonization issues for Environmental Assessments