Binational Toxics Strategy Activity Time Line

ACTIVITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY
General Meetings																	
Stakeholder meetings w/ substance breakout sessions					XXX								XXX				XXX
Integration Group Meetings	1/26/99							XXX							XXX		
IJC Meeting									9/24-27/99								
LRT Workshop													XXX				
Sediments Workshop																	
1999 BNS Progress Report											XXX (in draft)					XXX (final)	

Workgroup Specific Activities

Mercury

Step 1 ------ Report on steps 1&2 ----------➤

Step 2 ----------➤

Step 3 ------ ongoing

Subitem # 1 ------ MN options paper ----------➤ June

Step 4 ------ ongoing

Subitem #1 ------ mercury inventories expected -----➤ from voluntary agreement with NW Indiana steel mills

Subitem #2 ------ mercury reduction plans expected through NW Indiana steel mill agreement ----------➤

Subitem #3 ------ continue to work with the chlor-alkali industry to implement ----------➤ the 50% use reduction project. Second annual progress report from industry due before end of 1999

Subitem #4 ------ mercury reduction progress through the American Hospital Association MOU ---- ongoing

ACTIVITY JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY

Workgroup Specific Activities (cont.)

PCBs

Step 1

Subitem #1 ----- complete PCB Sources ----------➤ and Regulations Report

Subitem #2 ----- collect EPA data on PCB ----------➤ transformer registration

Step 2 ----- complete PCB Sources ----------➤ and Regulations Report

Step 3

Subitem #1 ----- PCB ----------➤ workgroup call

Subitem #2 ----- complete PCB Options ----------➤ Paper - V.E. of PCBs

Step 4

Subitem #1 ----------➤ [PCB subgroup call to develop PCB challenge participation and outreach letter to stakeholders]

Subitem #2 ----------➤ [Complete and begin mailing the participation/outreach letters on PCB challenge to stakeholders]

Subitem #3 ----- PCB subgroup call ------➤ (follow-up to Jan. call)

Dioxins/Furans

Step 1

Subitem #1 ----- complete inventory ----➤ [Canadian Dioxin/Furan inventory complete]

Subitem #2 ----- complete U.S. Dioxin/Furan inventory ----------➤

Subitem #3 ----- complete Canadian Level of Quantification Protocol (early 1999)

Subitem #4 ----- begin discussions with Canadian Iron&Steel facilities ---➤ [to discuss stack testing for dioxins/furans]

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Workgroup Specific Activities (cont.)

Dioxin (cont.)

Subitem #5 ----- gather additional from addition of dioxin tersting to the TRI (currently in draft status) ----- ongoing

Subitem #6 ----- addition of dioxins and furans reporting to NPRI ----------➤

Step 2 hasn't this been addressed throught the dioxin reassessment? Will the regulatory/programatic framework component be revised in final reassessment?

Step 3

Subitem #1 ----- identification ---➤ [CGLI to provide a list of sector contacts with which to explore reductions opportunities and projects] of contacts

Subitem #2 ----- form subgroup ----------➤ [subgroup will examine potential reduction opportunities re: backyard trash burning within the Lake Superior Basin]

Subitem #3 ----- form subgroup ----------➤ [subgroup will examine potential reduction opportunities re: pulp and paper industry]

Subitem #4 ----- form subgroup ----------➤ [subgroup to work on woodstove education/changeout campaign]

Subitem #5 ----- CGLI list ---------➤ [CGLI to provide a list of sector contacts for reduction opportunities]

Subitem #6 ----- engage Canadian Iron&Steel sector for targets/timetable commitments ------ mid to late 1999 under the Strategic Options and Canada Wide Standards Process

Pesticides

Step 1 ------ U.S.Report on steps 1&2 ----------➤

Step 2 ----------➤ [May, final challenge goal report from Battelle due - addresses steps 1&2 - needs to be verified w/Battelle]

Step 3 ---------ongoing

Subitem #1 ---------Options report due ----------➤

Step 4

Subitem #1 --------- Pesticide Collection Efforts -ongoing

Subitem #2 --------- Superfund Clean-ups -ongoing

Subitem #3 --------- Provide information to international groups (e.g. POPs, IADN, NAFTA) - ongoing

Subitem #4 --------- potential project resulting from South Haven, MI study (to be concluded mid-year 2000

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Workgroup Specific Activities (cont.)

HCB / B(a)P

Step 1

Subitem #1 --------- resolve HCB emission ----➤
info. on utility coal combustion
and tire mfg.

Step 2

Subitem #1 --------- assess impact of proposed ----------➤
refinery MACT on FCCU (B(a)P

Subitem #2 --------- assess B(a)P control from Yr. 2000 requirements expected for coke oven pushing, quenching, and combustion stacks

Step 3

Subitem #1 --------- Organize an Iron and Steel workshop ----------➤

Subitem #2 --------- contribute in development of rubber tire MACT for HCB control ---------- (June 00) ----------➤

Subitem #3 --------- projects re: to B(a)P control from Yr. 2000 requirements expected for coke oven pushing, quenching, and combustion stacks

Subitem #4 --------- pursue regulatory / outreach programs with wood stove associations

Step 4

Subitem #1 --------- HCB emission reduction measures being implemented (by pesticide and chlorinated solvent mfg. and pesticide applicators)

Subitem #2 --------- B(a)P emission reductions measures implemented from coke oven doors, lids, offtakes, and charging operations

Alkyl - Lead

Step 1 (U.S.) --------- Draft Report on steps 1&2 ----------➤

Step 2 (U.S.) --------- Final Report on steps 1&2 ----------➤

Step 1 (E.C.) --------- EC Report on ----------➤
steps 1&2 [Canadian report will confirm sources, uses, and releases in Ontario]

Step 2 (E.C.) ----------➤

Step 3 --------- U.S. Draft Step #3 report ----------➤

--------- U.S. Final Step #3 report ----------➤

ACTIVITY **JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY**

Workgroup Specific Activities (cont.)

OCS

Step 1

Subitem #1 ------- U.S. Report due ----------➤ [U.S. Report identifies documented and potential OSC sources]

Subitem #2 ------- E.C. OCS source -------➤ [E.C. information search to identify OCS source categories for Canada□s OCS inventory to be completed] identification work complete

Subitem #3 ------- report --➤ [Industry report on OCS in the Great Lakes Basin]

Subitem #4 ------- Trend Analysis ----------➤ [Ontario Ministry of Environment report examining OCS level trends in fish within the Great Lakes Basin] Expected

Subitem #5 ------- data generated and collected from OCS atmospheric monitoring at 4 monitoring stations in Ontario -- ongoing

Subitem #6 ------- review of U.S chloralkali industry practices [examination of the prevalence of graphite anode usage and the possibility of OCS formation in decomposer units

Subitem #7 ------- effort underway to explore the possibility of including OCS in the IADN atmospheric monitoring program

Subitem #8 ------- support analysis of sediment cores for OCS in several of the Great Lakes to understand temporal trends and geographic dispersion of OCS

Step 2

Step 3

Subitem #1 ------- workgroup examining the possibility of linking OCS data needs with data collection efforts for HCB and dioxins