

Environmental and Social Action Plan Engro Asahi Polymer & Chemicals Limited

The BORROWER commits to the actions as specified below, within the specified deadlines, and declares that the resources specified below have been allocated

<u>Issue</u>	<u>Proposed Actions</u> (Mitigation, Management, Monitoring, and Institute Methods)	<u>Target Completion Date</u>
Occupational Health and Safety	Monitor chlorine, vinyl chloride, and ethylene dichloride (EDC) for the workplace air quality at the appropriate sections of the new installation.	After the new plant is put into operations
Emissions, Effluents, and Ambient Conditions	Monitor adsorb able organic halides (AOX), total nitrogen, and coliform bacteria in the wastewater effluents.	By the end of 2007
	Increase wastewater treatment plant efficiency to ensure the effluents meet all WBG/IFC guideline limits.	By the end of 2008
	Transfer the VCM and other Chloro Hydrocarbons (CHCs) in the flue to the proposed incinerator, which converts the VCM to HCl, followed by an HCl scrubber.	By the end of 2008
	Monitor SO _x emission and ambient noise/air quality to ensure these parameters meet WBG/IFC guideline limits.	By the end of 2007
Solid and Hazardous Wastes	Monitor dioxins/furans from the proposed incinerator and ensure that their emission meet good industrial practice.	• First one – Prior to project completion • Others – twice a year