

## Phyllis J. Kardos

How can PacWest claim to be a "state of the art" facility when the use of coal, charcoal for silicon metals processing is "old technology?"

Please have PacWest give an accounting of how it is an "environmentally friendly manufacturing process" with the following pollution factors: air quality degradation, water quality degradation, land contamination, noise factor, lights/glare factor, occupational and non-occupational risks and hazards, wildlife and domestic animal risk factors and all the other negative environmental factors associated with a silicon metals processing facility?

Where is the charcoal coming from and what type of trees are used to produce the charcoal? How much charcoal will be used in the processing of silicon metals. What type of trees in the Northwest or USA will be used for its charcoal?

What chemicals are produced when trees are burned for charcoal? How much deforestation will be involved with charcoal production? Where will this deforestation take place? How much carbon dioxide and carbon monoxide will be released into the atmosphere as a result of the burning of the forest to acquire charcoal?

What is the process for obtaining charcoal?