

To H.E. Pawson; A.K. Campbell; D.J. Emery; File Date September 9, 1971
From M.E. Lane Ref. _____
Subject Aerial Arsenic Monitoring

Tests carried out during the period August 9th to September 7th, 1971.

One mile radius of stack:

North: 0.888 mgm. in 28 days)
South: 1.398 mgm. in 28 days) average: 0.0786 mgm./day
West : 4.468 mgm. in 29 days)

Arsenic fallout = 0.0350 lbs./acre/day

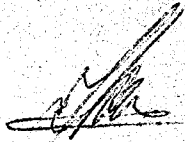
Two mile radius of stack:

North: 3.958 mgm. in 28 days)
South: 2.938 mgm. in 28 days) average: 0.1048 mgm./day
East : 1.908 mgm. in 28 days)

Arsenic fallout = 0.0470 lbs./acre/day

N.B. An adjustment has been made to account for the arsenic content of the tap water used in the tests.

MEL/mw


M.E. Lane
Mill Engineer