

SCM,

here's SARA.

info. leave me a
message if you have
questions. I won't be
in plant until
Tues. 9/27. ~85M
KGA

VISTA CHEMICAL COMPANYABERDEEN CHEMICAL PLANTSARA 313 EMISSIONS

Thru July, 1994

annualized $\Rightarrow$ 41M#

~30M# bed est.	1987	1991	1992	1993
VCM	120,058	31,121	30,167	42,675
HCl	272	272	304	304
BARIUM	1,223	623	620	356
PA	1,012	325	193	330
CHLORINE	1,000	NR ¹	NR ¹	2,736
★ LEAD	13,552	3,518	2,397	2,592
DNOP	71,897	16,951	13,115	NR ²
METHANOL	NR ¹	1,000	1,000	1,000
ANTIMONY	1,255	1,336	2,117	2,227
AMMONIA	1,965	NR ¹	NR ¹	NR ¹

incinerator

water plant

Polivie

NR - NOT REPORTED

¹Chemical use did not meet reporting threshold for reporting year²Reporting no longer required for this chemical (Delisted)

VCM -

Cl₂ - We didn't have to report in '87 because we didn't use enough but reported anyway for same reason. Only until Water plant came online did we use enough Cl₂ to require reporting

DNOP - big reduction in DNOP came from waste oil project to recycle oil to VLP in P-1

NH₃ - because we don't use ammonia @ ponds anymore, we don't use enough to require reporting

Barium - gone down mainly because we don't pour stabilizer in waste oil anymore

HCl - tied to incinerator run time

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? Chlorine - Did not exceed reporting threshold for chlorine until 1993 when water treatment plant came online. Vista's emissions partially offset emissions from City of Aberdeen.

DNOP - Big reduction from 1987 resulted from project that allowed reclamation of waste oil for recycling to VRP.

Ammonia - We no longer use ammonia as a nutrient at the ponds and do not exceed reporting threshold.

Barium - Stabilizer spills are absorbed with resin and recycled instead of disposal.

HCl - Emissions tied directly in incinerator run time which is tied to production.

VCM - Increase in 1993 due to shorter stripping times and higher production. We have returned to longer stripping times but will have higher production in 1994 and are projecting about 41,000 pounds of emissions.