

JUN 89 10:
A T T
June 8, 1989

Mr. Scott Lutz
Bay Area Air Quality Management District
939 Ellis Street
San Francisco, CA 94109

Subject: Atmospheric Dispersion Modeling for IR-6 Tank
Farm and IR-9 Pickling and Plate Yard Removal
Actions at Hunters Point Naval Shipyard
[Project #732.23]

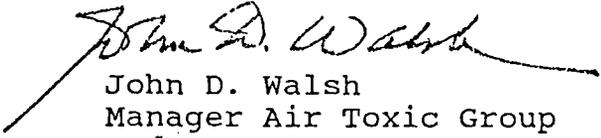
Dear Scott:

Confirming our telephone conversation on June 7, 1989,
for the record, we discussed air modeling of atmospheric
dispersion as it relates to the removal actions at the
Tank Farm (IR-6) and Pickling and Plate Yard (IR-9) at
Hunters Point Naval Shipyard. We were in agreement that
first level screening modeling (PTPLU, hand
calculations, etc.) are basically inadequate,
considering the lack of meteorological input to produce
realistic dispersion estimates and potential downwind
concentrations of emitted substances. We further agreed
that the appropriate models for this application would
be the Industrial Source Complex short or long-term
models (ISCST, ISCLT). These latter models make use of
real meteorological data, and can range out a
substantial distance in a dense receptor grid that
provides a useful and more realistic simulation of local
dispersion and downwind concentrations of emitted
substances.

Please contact me if you disagree with the substance of
our discussion, as described above.

Very truly yours,

AQUA TERRA TECHNOLOGIES, INC.


John D. Walsh
Manager Air Toxic Group

cc: Lisa Teague, HLA
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