

RESEARCH AND DEVELOPMENT PROJECT STATUS REPORT

DATE: 0508

PROJECT NO.: 8-408

PROJECT NAME: ETS-1988

PROJECT DESCRIPTION:

The objectives of this study are to estimate the concentrations of nicotine, respirable particles and carbon monoxide contributed by environmental tobacco smoke (ETS) within a representative cross-section of 35-40 restaurants located in Greensboro, NC. Similar measurements will be made in office spaces at Lorillard's Greensboro facility. Airborne samples will be gathered unobtrusively using the portable air sampling system (PASS) briefcases. The data will be statistically analyzed and compared to data previously gathered by the Tobacco Institute in New York and Dallas.

I. COSTS

MONTH	HOURS		WAGES/OVERHEAD		OTHER		TOTAL		CUMULATIVE	
	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL
			\$	\$	\$	\$	\$	\$	\$	\$
JAN 88	275	480	13,567	23,729	0	0	13,567	23,729	13,567	23,729
FEB 88	325	174	17,351	9,836	0	0	17,351	9,836	30,918	33,565
MAR 88	290	200	16,824	13,160	0	0	16,824	13,160	47,742	46,725
APR 88	60	102	4,087	5,365	0	0	4,087	5,365	51,829	52,090
MAY 88	0	120	0	7,491	0	0	0	7,491	51,829	59,581
JUN 88	0	99	0	7,157	0	0	0	7,157	51,829	66,738
JUL 88	0	141	0	9,056	0	0	0	9,056	51,829	75,794
AUG 88	0	42	0	3,155	0	0	0	3,155	51,829	78,949
SEP 88	0	5	0	350	0	0	0	350	51,829	79,299
OCT 88	0	119	0	6,904	0	0	0	6,904	51,829	86,203
NOV 88	0	90	0	6,209	0	0	0	6,209	51,829	92,412
DEC 88	0	68	0	4,639	0	0	0	4,639	51,829	97,051
TOTAL	950	1,620	51,829	97,051	0	0	51,829	97,051		

II. TECHNICAL APPROACH

COMPONENT	ESTIMATED		ESTIMATED	%
	TIME PERIOD		HOURS	COMPLETED
1. Site selection	01/01/88 - 01/08/88		30	100
2. PASS Calibration/Maintenance	01/04/88 - 03/15/88		200	100
3. Active Sampling	01/01/88 - 03/15/88		100	100
4. Data downloading	01/12/88 - 03/15/88		100	100
5. Analytical support	01/12/88 - 03/15/88		480	100
6. Data analysis/Report	04/01/88 - 04/22/88		40	100
	* TOTAL		950	

III. MONTHLY ACTIVITY

The reviewer's comments on the paper entitled "RESULTS FROM A SURVEY OF ENVIRONMENTAL TOBACCO SMOKE (ETS) IN RESTAURANTS" were received. Minor revisions to the manuscript are in progress. Work continues on the statistical analyses for the paper entitled "ON THE USE OF ENVIRONMENTAL TOBACCO SMOKE COMPONENT RATIOS."

An abstract entitled "RESULTS FROM A SURVEY OF ENVIRONMENTAL TOBACCO SMOKE (ETS) IN SUPERMARKETS" was submitted to the Air Pollution Control Association (APCA)/EPA meeting scheduled in early May 1989. Additional nicotine sampling will be required in order to increase the current database.

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PREPARED BY


APPROVED

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