

APPENDIX A

STATIONARY AND AREA SOURCE ACTIVITY SURVEYS

This appendix contains surveys targeting residential and business locations.

Section A-1 displays a postcard that asked respondents to complete information for each day of the survey and was mailed to residential locations.

A telephone survey questionnaire, presented in Section A-2, targeted business use of gas ovens, internal combustion engines, motor oil, pesticides and fertilizers, and paints and solvents.

The surveys were conducted by Freeman, Sullivan, & Co.

This page is intentionally blank.

A.1 Postcard survey mailed to residential locations.

DAILY ACTIVITY SURVEY FOR FRIDAY SEPTEMBER 29, 2000

Please answer these questions about activities at your household on this day, and indicate when they occurred:

When?

(check all that apply):

Was a barbeque grill used? yes no morning afternoon evening

Was a fireplace used? yes no morning afternoon evening

Was gasoline or diesel poured from or into a gas can? yes no morning afternoon evening

How many times did a passenger vehicle depart from your household?

0 1 2 3 4 5 more than 5 times morning
afternoon evening

Please check each of the materials that were used at your household on this day, and indicate when they were used:

paints, varnishes, stains, thinners, solvents, or degreasers morning afternoon evening

consumer products such as hair sprays, dyes, nail polishes, polish removers morning afternoon evening

paving or roofing materials (tars, asphalts) morning afternoon evening

motor oils, gear oils or fluids, or brake fluids morning afternoon evening

gasoline-powered yard equipment (lawnmowers, weedwackers, blowers) morning afternoon evening

pesticides or fertilizers morning afternoon evening

Did you consider today a typical work day holiday/vacation day regular day off? (Please check one.)

On what date did you complete this card? (Please circle one.)

Fri 9/29 Sat 9/30 Sun 10/1 Mon 10/2 Tue 10/3
Wed 10/4 Thu 10/5 Fri 10/6 Sat 10/7 Sun 10/8

THANK YOU! Please drop this card in the mailbox—you don't need a stamp .

A.2 Business survey designed to learn about business use of gas ovens, internal combustion engines, motor oil, pesticides and fertilizers, and paints and solvents.

853 BIZ SURVEY

INTRO1

Hello, could I speak to ___?

IF CONTACT NOT AVAIL

Could I speak to anyone there who is familiar with your day-to-day operations?

INTRO2

Hello, I'm calling on behalf of the US Department of Energy. Your business has been randomly selected to participate in an important survey about air quality in the LA area.

INTRO3

We are performing an air quality study in LA, and we're asking LA residents and businesses about normal daily activities that may be related to air quality. Our questions are about normal activities that many businesses might engage in on a daily basis. We have just a few questions to ask you, so this should only take 5-10 minutes.

IF RESPONDENT ASKS:

INTRO4

All of the information you provide will be confidential, and by helping us out you'd be part of the important process of understanding air quality all over the LA basin.

TYPE

Our records show that this business is a (BIZ TYPE). Is that true?

YES (SKIP TO WORKERS)

NO

TYPE2

What type of business is it?

ENTER RESPONSE

WORKERS

How many people are employed at this business in total?

ENTER RESPONSE

HOURS

We'd like to ask about your normal business hours, Monday through Friday. Are your hours on Monday through Friday the same each day, or are you open different hours on different weekdays?

SAME HOURS ON WEEKDAYS

DIFFERENT HOURS ON SOME WEEKDAYS

IF SAME

WEEKDAYS

What are your weekday hours?

ENTER RESPONSE

IF DIFFERENT

MON

What are your hours on Monday?

ENTER RESPONSE

TUE

What are your hours on Tuesday?

ENTER RESPONSE

WED

What are your hours on Wednesday?

ENTER RESPONSE

THU
What are your hours on Thursday?
ENTER RESPONSE

FRI
What are your hours on Friday?
ENTER RESPONSE

WEEKENDS

Are you open on weekends?

YES
NO (SKIP TO SHIFTS)

IF YES

SAT
What are your hours on Saturday?
ENTER RESPONSE

SUN
What are your hours on Sunday?
ENTER RESPONSE

SHIFTS

We'd like to ask about your employees' working hours or shifts, including those times before or after your normal business hours. Are your employees' working hours or shifts generally the same Monday through Friday?

YES, EACH WEEKDAY USES THE SAME SHIFTS

NO, SOME WEEKDAYS USE DIFFERENT SHIFTS THAN OTHERS

IF YES

SHIFT1
Ok, about how many employees are usually working between 8am and 12noon on weekdays?
ENTER RESPONSE

SHIFT2
About how many employees are usually working between 12noon and 4pm on weekdays?
ENTER RESPONSE

SHIFT3
About how many employees are usually working between 4pm and 8pm on weekdays?
ENTER RESPONSE

SHIFT4
About how many employees are usually working between 8pm and midnight on weekdays?
ENTER RESPONSE

SHIFT5
About how many employees are usually working between midnight and 4am on weekdays?
ENTER RESPONSE

SHIFT6
About how many employees are usually working between 4am and 8am on weekdays?
ENTER RESPONSE

IF NO

need to ask SHIFT1, SHIFT2, SHIFT3, SHIFT4, SHIFT5, SHIFT6 about each weekday.

SAT

Ok, now I'd like to ask about your working shifts on the weekends. Are there employees usually working on Saturdays?

YES
NO (SKIP TO SUN)

SAT1

About how many employees are usually working between 8am and 12noon on Saturdays?

ENTER RESPONSE

SAT2

About how many employees are usually working between 12noon and 4pm on Saturdays?

ENTER RESPONSE

SAT3

About how many employees are usually working between 4pm and 8pm on Saturdays?

ENTER RESPONSE

SAT4

About how many employees are usually working between 8pm and midnight on Saturdays?

ENTER RESPONSE

SAT5

About how many employees are usually working between midnight and 4am on Saturdays?

ENTER RESPONSE

SAT6

About how many employees are usually working between 4am and 8am on Saturdays?

ENTER RESPONSE

SUN

Are there usually employees working on Sundays?

YES

NO (SKIP TO FUMES1)

SUN1

About how many employees are usually working between 8am and 12noon on Sundays?

ENTER RESPONSE

SUN2

About how many employees are usually working between 12noon and 4pm on Sundays?

ENTER RESPONSE

SUN3

About how many employees are usually working between 4pm and 8pm on Sundays?

ENTER RESPONSE

SUN4

About how many employees are usually working between 8pm and midnight on Sundays?

ENTER RESPONSE

SUN5

About how many employees are usually working between midnight and 4am on Sundays?

ENTER RESPONSE

SUN6

About how many employees are usually working between 4am and 8am on Sundays?

ENTER RESPONSE

(If BIZ TYPE is either OFFICE or UNKNOWN):

FUMES1

Now I'd just like to ask about some materials or equipment that may be used at your business. Does your business use any gas ovens?

YES

NO

FUMES2

Does your business use paints, solvents, thinners, stains, varnishes, or degreasers?

YES

NO

FUMES3

Does your business involve the running of internal combustion engines?

YES

NO

FUMES4

Does your business use motor oils, gear oils or fluids, or brake fluids?

YES

NO

FUMES5

Does your business use pesticides or fertilizers?

YES

NO

THANKS

Ok, that's all the questions I have for you. Thanks again for your participation in this important project. Goodbye.