

50:50



Welcome to
*Who Wants to
be a Millionaire
Grantee*

- | | | |
|----|---|-------------|
| 15 | ● | \$1 Million |
| 14 | ● | \$500,000 |
| 13 | ● | \$250,000 |
| 12 | ● | \$125,000 |
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| 3 | ● | \$300 |
| 2 | ● | \$200 |
| 1 | ● | \$100 |



It's time to collect oil data from a collection center with no service bays. The business has lost its log sheet.

What can you do?

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A: Inform the facility that you're taking away their collection center sign

B: Nail a giant, permanent log sheet to the wall of the facility

C: Use the amount as last time

D: Use data from the manifest because all of the oil at the site is DIYer oil.

It's time to collect oil data from a collection center with no service bays. The business has temporarily lost its log sheet.

What should you do?

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D: Use data from the manifest because all of the oil at the site is DIYer oil.

Compiling Used Oil Collection Data from Centers

- **Categorize your centers**
 - **Centers without service bays** – All of the oil collected at these facilities will be from DIYers. You can get information on oil collected from collected from manifests or abbreviated manifests.
 - **Centers with service bays** - For these facilities, you will need to use other methods of gathering DIYer oil collection data, such as the sales receipt method, logs, or site visit questionnaires.



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Bubba's Service Station is a collection center but Bubba's not keeping accurate records. He does oil changes regularly, so you know that the oil he collects is not just from DIYers. How do you obtain accurate data?

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A: Estimate that about half of the oil on the manifest is DIYer oil.

B: Send Bubba a beef jerky gift basket, along with a polite request to estimate how much of the oil he collects from DIYers.

C: Hang out with Bubba and his dogs for a day to see how many oil changes he does.

D: Conduct site visits and calculate the oil utilizing the information from these visits.(and bring steaks for the dogs).

Bubba's Service Station is a collection center but Bubba's not keeping accurate records. He does oil changes regularly, so you know that the oil he collects is not just from DIYers. How do you obtain accurate data?

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D:Conduct site visits and calculate the oil utilizing the information from these visits.(and bring steaks for the dogs).

Calculating Collection Center DIYer Oil Using the Collection Center Assessment Questionnaire

- Compile DIYer oil and filter data based on information gathered as part of Site Visits.
- Calculate based on frequency (i.e. a six month period).
- Show methodology.
- Be consistent.



Example - Collection Center Assessment Questionnaire

- Quantities of oil and filters collected are based on calculating (for a six month period – 182 days) the estimated quantities collected from DIYers.

Date	Center		Oil		Filters
1/21/01	Bob's Ford	10 people bring in 3 gals per month	180	10 per month	60
1/22/01	Auto Center	2 people per day, collect 3 gals per day	546	2 people bring in 2 filters per month	12
1/22/01	Quick Lube	5 gals per month	30	2 per month	12
	TOTALS		756		84 (126 lbs)

Example - Collection Center Assessment Questionnaire

- You can also compare the oil collected from the previous six month period.

Center		Oil 1/2001	Oil 2/2000		Filters 1/2001	Filters 2/2000
Bob's Ford	10 people bring in 3 gals per month	180	60	10 per month	60	54
Auto Center	2 people per day, collect 3 gals per day	546	480	2 people bring in 2 filters per month	12	6
Quick Lube	5 gals per month	30	35	2 per month	12	12
TOTALS		756	575		84 (126 lbs)	72 (108 lbs)

Example - Collection Center Assessment Questionnaire

Quantities of oil collected are based on calculating (for a six month period) the estimated quantities provided by the collection centers.

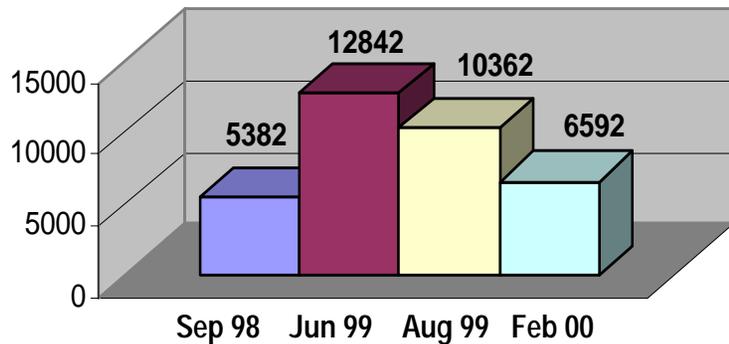
Center		Oil (gals)		Filters (each)
Jiffy lube	5 gals per week	130	1 per month	6
Kragen	25 gals per day	4550	5 per week	130
Instant Oil Change	3 gals per month	18	1 per month	6
Pep Boys	18 gals per week	468	N/A	0
AutoZone	200 gals week	5200	N/A	0
Kragen	25 gals per day	4550	N/A	0
TOTAL		14,916		142

Based on this data, the City plans to develop a program to increase both the number of centers that collect filters and the quantity filters collected.

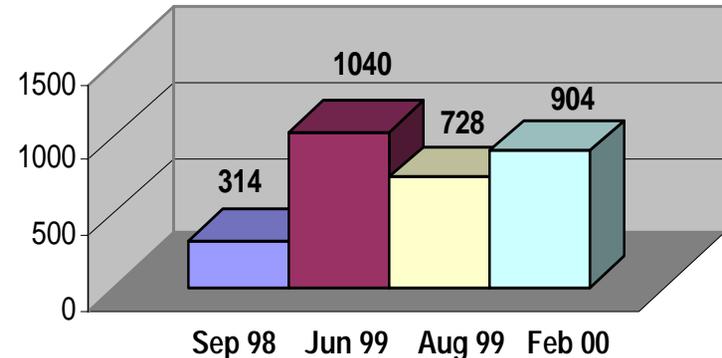
Example - Collection Center Assessment Questionnaire

Date	Center Name		Oil (gals)*		Filters (ea)
2/17/00	AutoZone	460 per month	2760	N/A	0
2/17/00	Union Service	3 gals per day	546	5 per day	910
2/17/00	76 Station	3 gals per day	546	5 per month	30
2/17/00	Kragen Auto	10 gals per day	1820	N/A	0
2/17/00	Chevron	5 gals per day	920	N/A	0
	TOTALS		6,592		940

OIL



FILTERS



Another Option . . .

Sales Receipt Method

- May be the simplest and most accurate methods for some jurisdictions.
- Works backward from the total amount of oil collected.
- Does require that you make some assumptions about oil changes such as quantity of oil, doesn't account for burn-off.



Example

- CCC disposed of 550 gallons of oil
- Did 350 oil changes
- The average amount of oil from an oil change estimated at 4 quarts

Number of oil changes X 4 quarts

Total oil – Oil generated from oil changes

Equals DIYer oil collected

Example

- CCC disposed of 550 gallons of oil
- Did 350 oil changes
- The average amount of oil from an oil change estimated at 4 quarts

$350 \times 4 \text{ quarts} = 1400 \text{ qts}$ or 350 gals

$550 \text{ gallons} - 350 \text{ gals} = 200 \text{ gallons}$

DIYer oil = 200 gallons

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While tracking data from collection centers, you notice that collection totals have been steadily decreasing in the west end of your city. Meanwhile, totals increased at the one center you have in the city's east end.

What should you do?

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A: Assume that DIYer oil is decreasing overall and maintain your program as it is.

B: Interview your west-end sites to see if they're keeping accurate records.

C: Consider establishing a new program goal to increase east-end collection centers

D: Reduce the number of west-end sites.

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What should you do?

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B: Interview your west-end sites to see if they're keeping accurate records.

Analyze program information you have collected along the way

- Did your program components work as intended?
- What did you achieve?
- Can you document a change, result, impact?

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Congratulations, you have completed the second year of your city's curbside recycling program.

What information do you need to include on your CIWMB Annual Report?

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A: The homes that you would like to live in.

B: The quantity of oil and filters collected

C: Explanation of changes in data from the prior year.

D: Both "b" and "c" from above.

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D: Both "b" and "c" from above.

Example of the Narrative Section of the Annual Report

Quantities of oil decreased during the reporting period, however, there was an increase in participation. We attribute this change to collecting a backlog of oil from participants during the first year.

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What information would be useful in helping you evaluate the success of your new curbside collection program?

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A: Collection totals mapped by neighborhood or zip code.

B: Increase in calls received after door hangers are distributed.

C: Results from surveys done when residents call to schedule pick-up

D: All of the above

What information would be useful in helping you evaluate the success of your new curbside collection program?

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D: All of the above

Evaluating Residential Collection Programs

- Analyze cost effectiveness
- Track trends
- Map areas served
- Review participant base
- Compare programs
- Survey participants

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During the second year of your residential collection program, your totals drop considerably.

What factors should you consider including to explain the decrease on your annual report?

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A:Change in the number of participants.

B. The number of certified collection centers has increased.

C. Nearby collection center totals are up.

D: All of the above

During the second year of your residential collection program, your totals drop considerably.

What factors should you consider including to explain the decrease on your annual report?

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● \$1 Million

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D: All of the above

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You are staffing a booth at several community events this year. What should you include on your annual report?

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A: Who worked at the event

B: How many hours the event lasted

C: A summary of the event

D: All of the above

You are staffing a booth at several community events this year. What should you include on your annual report?

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C: A summary of the event

Example of the Narrative Section of the Annual Report

We did the Edible Aquifer activity and distributed used oil change log. 120 surveys were completed.

- 90 were DIYers
- 40 were aware of CCCs
- 30 recycled their oil

Based on the survey results we need to ask more specific questions about CCC locations. After the event we received 23 requests for collection containers. We noticed a great interest in used oil and stormwater runoff.

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One week before a big community event you have a nightmare that you are being trampled by an angry mob demanding used oil collection containers.

What can you do to keep this nightmare from becoming a reality?

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A: Require everyone who takes a container to complete a brief survey.

B: Send an emergency approval to your grant manager to hire a security guard as a “public education” piece.

C: Use illegal “profiling” and only give containers to those who “look” like DIYers.

D. Schedule a vacation day and assign the new intern to the event.

One week before a big community event you have a nightmare that you are being trampled by an angry mob demanding used oil collection containers.

What can you do to keep this nightmare from becoming a reality?

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A: Require everyone who takes a container to complete a brief survey.



Suggested Questions for Your Survey

- Do you change your own oil and, if so, how often?
- Where is your nearest collection center located?
- How did you find out about this event?
- How do you think we should publicize future events?
- What newspapers do you read?
- What radio stations do you listen to?
- How far did you have to drive to get to the event?
- Have you heard of 1-800-CLEANUP?

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Conducting surveys can help you plan and evaluate your public education and outreach efforts in which of the following ways?

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A:Determining whether your publicity is reaching your target audience.

B:Finding out what information sources DIYers in your area use.

C:Gauging awareness of used oil collection centers

D. All of the above.

Conducting surveys can events can help you plan and evaluate your public education and outreach efforts in which of the following ways?

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D. All of the above.

Ways to Evaluate Community Events

- Track participation
- Conduct interviews
- Conduct self-surveys
- Use promotional offers
- Track follow-up responses
- Do a cost-benefit analysis

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You continued your school education program this year.

What should you include in your annual report?

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A: Listing of the school's SAT 9 test scores.

B. Grade levels of students that participated.

C: Photos of school mascot

D: The name of the principal or primary contact at the school

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B. Grade levels of students that participated.

Information Required on Annual Report

- Beginning date of event(s)
- Ending date of event(s)
- School location
- Attendance and grade level
- Description and summary
 - Example – Oil staff did the oil recycling key chain activity. Students responded well and asked many questions. The pre- and post-test results showed a 60% increase in knowledge about oil recycling.

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Which of the following questions should you ask yourself first when developing a new school program?

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A: Do I really want to spend that much time with children?

B. Which staff member has the right body type for the “Drippy the Oil Drop” costume?

C: Will my child be embarrassed when I show up in the “Drippy the Oil Drop” costume?

D: Really, what are the benefits of a school education program?

Which of the following questions should you ask yourself first when developing a new school program?

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- 10 ● **\$32,000**
- 9 ● \$16,000
- 8 ● \$8,000
- 7 ● \$4,000
- 6 ● \$2,000
- 5 ● \$1,000
- 4 ● \$500
- 3 ● \$300
- 2 ● \$200
- 1 ● \$100

50:50



D:Really, what are the benefits of a school education program?



School Education Programs

- Benefits

- If you effectively educate students you can create an enthusiastic team of used oil recycling goodwill ambassadors
- Establish positive attitude and behavior towards used oil recycling
- Opportunity to educate parents as well

- Considerations

- Align program elements with State content standards
- Make it hands-on, interactive
- Consider adding a service learning element to your program
- Think about working with existing programs to get your message in the classrooms
- Investigate after-school enrichment programs

15	●	\$1 Million
14	●	\$500,000
13	●	\$250,000
12	●	\$125,000
11	●	\$64,000
10	●	\$32,000
9	●	\$16,000
8	●	\$8,000
7	●	\$4,000
6	●	\$2,000
5	●	\$1,000
4	●	\$500
3	●	\$300
2	●	\$200
1	●	\$100

Which of the following could be used to evaluate a school education program?

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50:50



A: Creative expression project

B. Presentations with pre- and post tests.

C: Playing a game that involves squirt guns.

D: Service learning project



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50:50



A: Creative expression project

B. Presentations with pre- and post tests.

C: Playing a game that involves squirt guns.

D: Service learning project



You are Now a
Millionaire
Grantee!

