BCUOMA 2011
OIL CONTAINER AND PAIL STUDY

M&R ENVIRONMENTAL, BURNABY
MERLIN PLASTICS, DELTA

Prepared For:

British Columbia Used Oil Management Association

DECEMBER 2011
REF. NO. 049352 (07)
This report is printed on recycled paper.

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M&R ENVIRONMENTAL, BURNABY
MERLIN PLASTICS, DELTA

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EXECUTIVE SUMMARY

Conestoga-Rovers & Associates (CRA) was commissioned by the British Columbia Used Oil Association (BCUOMA) to undertake a study of bags of oil containers and 20 litre pails in British Columbia (BC). The study involved the survey of 1000 bags of oil containers and 1000 20 litre pails at two different processing facilities: M&R Environmental (Burnaby) and Merlin Plastics (Delta).

The key objectives of the study included the following:

- To determine the overall composition of a bag of containers
- To determine the variation in the physical size of the filled bags
- To determine the number of 20 litre oil pail lids per bag
- To determine the mean weight and number of non-eligible containers contained in a bag of containers
- To determine the mean number and weight of oil containers per bag
- To determine the mean number and weight of antifreeze containers per bag
- To determine the mean number and weight of windshield washer fluid containers per bag
- To determine mean number and weight of fuel and oil additive containers per bag
- To determine the number of oil, antifreeze, and non-eligible pails

As part of the field study the contents of each of the 1,000 bags were sorted, counted and weighed according to a prescribed BCUOMA sort criteria, which included eight categories. Interpretation of the trends and averages of the bag data collected was determined by evaluation of the raw arithmetic means for the various data categories. The results were then sub-categorised by the bag collection zone. Within the 1,000 bags studied and 1000 20 L pails, five different collection zones of BC were surveyed: Zones 1, 4, 6, 7 and 8.

Only minor variations between the collection zones were identified during the study. The key findings derived from the study include:

(i) ***Typical composition of a bag of oil containers (by weight)***

- Weight of bag of oil containers: 6.8 kg
- Eligible containers: 5.0 kg (74 percent)
- Non-eligible containers: 1.8 kg (26 percent)

(ii) ***Typical composition of a bag of oil containers (by category)***

Two main categories and six sub-categories were counted during the study. The split of the containers according to category can be broken down as follows:

(a) Eligible: 43.0 total

- Oil containers: 38.0
- Pails and Pail Lids: 1.6
- Anti-freeze containers: 3.4

(b) Non-Eligible:

- Windshield Washer containers: 2.9
- Fuel and oil additive containers: 1.5
- Other non-eligible containers: N/A

(iii) ***Classification of 20 L pail survey sample:***

- Oil pails: 93.2%
- Antifreeze pails: 0.3%
- Non-eligible pails: 6.5%

1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) was retained by the British Columbia Used Oil Management Association (BCUOMA) to undertake an Oil Container and 20 Litre (L) Pail Study during the fall of 2011. The purpose of the container and pail studies were to obtain more reliable and relevant information on the contents of large plastic bags of empty oil containers and types of 20 L pails received at recycling facilities in British Columbia (BC). The sample data will enable BCUOMA to have a better understanding of the true composition and container count being recycled and processed, and consequently enable better support and more accurate financial compensation for the various BCUOMA collectors and processors.

1.1 OBJECTIVES OF THE BCUOMA OIL CONTAINER STUDY

CRA undertook the study according to the key objectives outlined in the BCUOMA Request for Proposal, dated July 6, 2011. The key objectives included:

- To determine the overall composition of a bag of containers
- To determine the variation in the physical size of the filled bags
- To determine the number of 20 litre oil pail lids per bag
- To determine the mean weight and number of non-eligible containers contained in a bag of containers
- To determine the mean number and weight of oil containers per bag
- To determine the mean number and weight of antifreeze containers per bag
- To determine the mean number and weight of windshield washer fluid containers per bag
- To determine mean number and weight of fuel and oil additive containers per bag

1.2 BAGS OF OIL CONTAINERS

The containment of oil is conducted predominantly in containers ranging in size from 500 millilitres through to five litres and in twenty-litre pails. The composition of the containers is typically HDPE #2 plastic resin, which is readily chipped and recycled. However, some oil companies distribute some oil in PET #1 plastic resin containers which can not be processed with the #2 containers, and therefore requires manual separation.

Throughout British Columbia, the empty oil containers and pail lids are collected in large plastic bags and the pails in stacks; these are then picked up by registered Collectors and transported to a registered Processor, of which two are located within the Lower Mainland (M&R Environmental and Merlin Plastics).

In recent years BCUOMA has identified that a significant amount of non-eligible materials are received in the bags of containers. Containers and materials are classified as 'non-eligible' when BCUOMA does not receive an Environmental Handling Charge (EHC) for the recycling of these materials.

1.3 OBJECTIVES OF THE BCUOMA 20 L PAIL STUDY

CRA undertook the study according to the key objectives outlined in the BCUOMA Request for Proposal, dated July 6, 2011. The key objectives included:

- To record the generator source
- To quantify the number of oil pails, antifreeze pails, and non-eligible pails

2.0 FIELD SURVEY

2.1 LOCATIONS

The field survey was conducted in September and October 2011 at the following two facilities in British Columbia:

i. M&R Environmental (Burnaby); and

ii. Merlin Plastics (Delta).

The BCUOMA recycling program structure has eleven regional collection zones, as identified in Figure 2.1. During the study the field survey team tried to sample bags from as many zones as possible to obtain a good representation of the different BC collection zones.

M&R Environmental and Merlin Plastics are both large-scale processors, each processing approximately 4,500 to 5,500 bags of oil containers and approximately 6000 to 7000 pails per month. Bags of plastic oil containers are collected from throughout British Columbia for processing at both facilities. During the survey period, M&R Environmental processed bags from Zones 1, 7 and 8 and pails from Zone 1, and Merlin Plastics processed bags from Zones 1, 4, 6 and 7 and pails from Zones 1 and 6.

2.2 SAMPLE SIZE

500 randomly selected bags of plastic oil containers and 500 pails (20L) were surveyed for this study at each processing facility (1000 container bags and 1000 pails in total).

In order to achieve an accurate and representative sample of the bag compositions and materials collected in the bags, no preferential source selection or pre-evaluation of the bags to be surveyed was undertaken at either of the facilities by the survey field team. At M&R Environmental, survey bags were randomly selected directly from the plastic container sorting area holding area by the survey team. At Merlin, a separate sampling area was established for the survey team and a Merlin employee brought the survey bags to the sorting area in a large bin. Merlin staff were advised before the survey program commenced that no preferential selection was to be undertaken when supplying bags to the survey team.

2.3 SAMPLING PROCEDURE

2.3.1 FIELD SURVEY TEAM

The field survey team consisted of three personnel, two sorting and one recording.

The sorting personnel were responsible for the categorisation and counting of all the containers and miscellaneous materials contained within each of the survey bags, while the recording personnel weighed the sorted categories, recorded all survey information, and were responsible for the Quality Assurance/Quality Control for the duration of the study.

2.3.2 HEALTH AND SAFETY

CRA considers the Health and Safety of the personnel conducting the field survey as critical. Continuous air monitoring at both facilities was conducted for the duration of the field survey using a photo-ionisation meter (PID).

Air quality conditions at both facilities, during sampling and sorting activities, identified low PID readings for the majority of the time with values ranging between 0.1 and 0.9 ppm. When the PID had a sustained reading read above 1.0 ppm CRA conducted air monitoring using a hand pump and colorimetric tubes to test for Benzene. The colorimetric tubes did not indicate a level of Benzene above 1.0 ppm.

Respirators were not required to be worn by the survey team at either of the facilities as continuous air sampling results for Benzene were below the respirator trigger level of 1 ppm and PID readings were below 10 ppm at all times.

2.3.3 CHARACTERISATION OF BAG CONTENTS

Categorisation of the bags of empty oil containers was based on the sort-criteria and material classifications prescribed by BCUOMA in the RFP.

The categories were as follows:

- Oil containers
- Antifreeze containers
- Pails/Pail lids

- Windshield washer fluid containers
- Fuel and oil additive containers
- Other non-eligible containers

Non-eligible containers were classified according to the 'EHC (Environmental Handling Charge) Applicable Products List' (Appendix A). This category included containers such as those used for windshield washer fluid, fuel and oil additives, and brake fluid.

2.4 OBSERVATIONS

During the course of the study, general observations were recorded characterising the bags and materials received in the bags of containers and the disposition of the containers.

The following observations were made:

- non-eligible materials consisted predominantly of non-eligible plastic containers which included brake fluid containers, milk jugs and soap/detergent bottles. A full list of the different types of containers and materials identified during the survey is presented in Table 2.1. The majority of these containers (excluding #1 and #3 plastic) were processed with the regular HDPE (#2 plastic) containers
- M&R Environmental received a small number of bags which contained solely laboratory bottles or milk bottles which were included with the regular HDPE oil containers for processing
- both facilities manually separated the #1 PET containers from the other containers and processed them separately
- 7.8 percent of the bags surveyed contained containers that were crushed or squashed. (Refer to Appendix B: Photo 9)
- 3.6 percent of the bags surveyed contained containers that were cut-up. These containers typically had the tops cut off
- 1.7 percent of the bags surveyed contained oil containers that were greater than half full.
- 1.2 percent of the bags surveyed contained oil containers that were greater than one quarter full.
- 0.5 percent of the bags surveyed contained oil bladder bags.

3.0 DATA INTERPRETATION AND STATISTICAL ANALYSIS

Categorisation and interpretation of the data was based on the regional location of the generator (source) of the bag of containers. Bags were received from five BC processing 'zones' during the study and pails were received from two 'zones'. As the bags of containers and pails were not individually labelled with generator labels, identification of the source zone was based on information provided from operators at each of the processing facilities. This information was also cross-referenced with the trucking documentation at the end of the field survey.

During the first, second and sixth day at M&R Environmental, the survey team was notified that the bags being surveyed originated from Vancouver Island. M&R Environmental were unable to determine which bags were obtained from Zone 7 and from Zone 8. During the third day at Merlin Plastics, the survey team was notified that some of the bags being surveyed originated in the "Interior". Merlin Platics were unable to determine which bags were obtained from Zone 4 and from Zone 6. As such, review of the data from these bags has therefore been categorised as a 'Mixed' Zone.

Interpretation of the trends and averages of the container data collected was determined by evaluation of the raw arithmetic means for the various data categories. This method of evaluation determines the mean or average value by summing the number of containers and dividing by the sample size. This method does not take into account the normality of the data distribution curve.

The complete set of raw survey data collected during the container study is presented in Appendix C.

4.0 RESULTS

Categorisation and interpretation of the data was based on the regional location of the generator (source) of the bags of containers and 20 L pails. Table 4.1 outlines the numbers and regional split of the survey sample set across these five sub-region locations.

4.1 GENERAL CHARACTERISTICS

Evaluation and analysis of the bags of containers are summarised in Table 4.1. These include: the number of bags surveyed, the weight of the bag, the size of the bag and the weight of non-eligible material.

The total weight of the bags fluctuated between 1.0 kg and 13.9 kg. The arithmetic mean of all the bags was evaluated as 6.8 kg.

The size of the bags were visually classified as either small, medium, large or extra-large, which corresponded to a 'fullness' value of 50 percent, 75 percent, 90 percent and 100 percent respectively, (refer to Appendix B: Photo 10).

The arithmetic mean weight of non-eligible material per bag of containers was 1.8 kg, which is equivalent to 26.5 percent. Further analysis of the non-eligible materials identified that 14.1 percent of bags contained more than 50 percent (by weight) non-eligible materials and 4 percent of bags contained more than 75 percent (by weight) non-eligible materials.

4.2 TYPICAL COMPOSITION OF A BAG OF CONTAINERS

Table 4.2 presents the typical composition of a bag of containers. The composition of a bag of containers was divided into two primary categories: 'Eligible Containers' and 'Non-Eligible Containers'. The bag composition is assessed in the following three formats:

- The number of container units in a typical bag
- The weight distribution of the different categories
- Percentage evaluation of the different categories

A graphical representation of the bag composition (by mass) is presented on Figure 4.1.

Tables 4.3 and 4.4 present a break-down of the number of containers and relative weights of the different categories of containers identified in a typical bag. Differentiation between the different BC collection zones has also been presented.

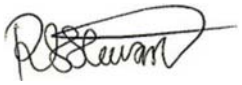
The 20 L pail composition is assessed in the following formats:

- The number of pails counted at each facility separated into oil, antifreeze, and non-eligible categories
- Percentage evaluation of the different categories

Table 4.5 presents a break down of the pails that were surveyed. Differentiation between the different BC collection zones has also been presented.

All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES

Matthew Douglas, B. Eng.



Roanna Stewart, P. Eng.

FIGURES

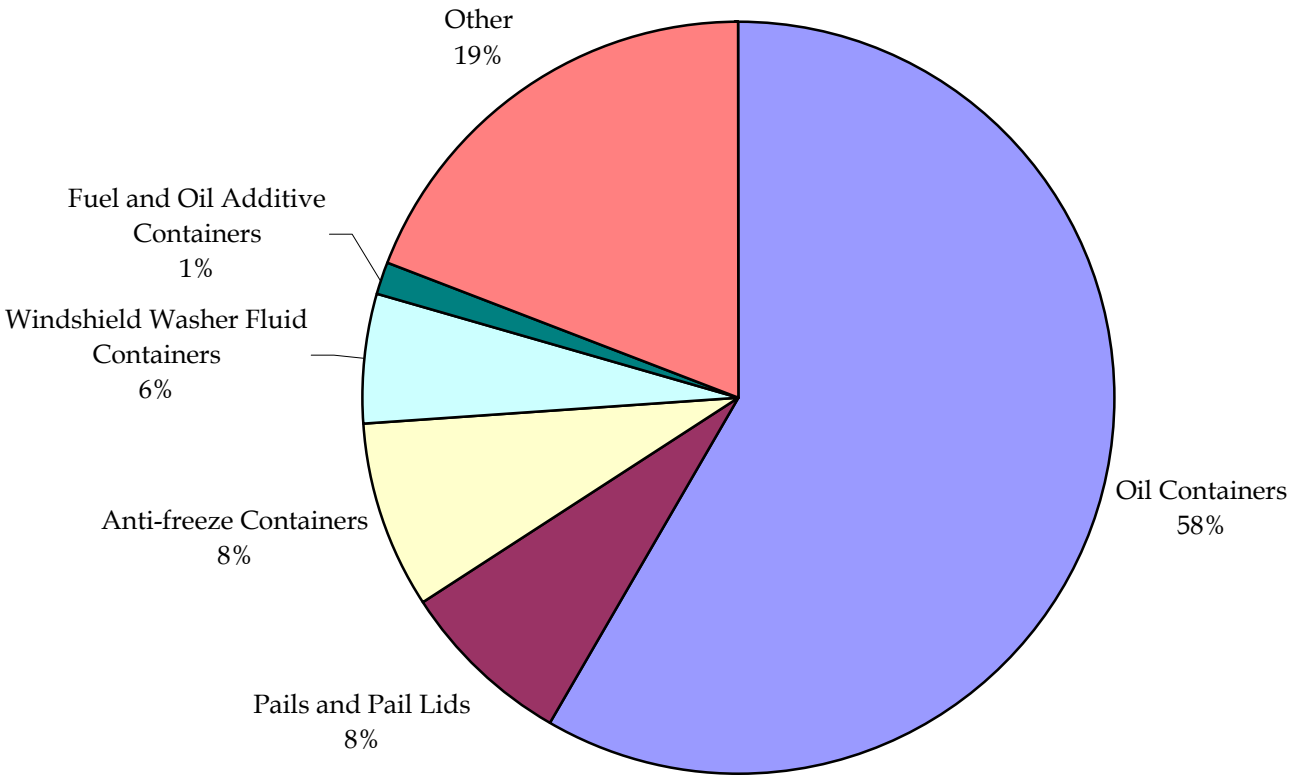
SOURCE: BCUOMA, *MANUAL FOR COLLECTORS AND PROCESSORS*, JUNE 2007

figure 2.1

BCUOMA RETURN INCENTIVE PROGRAM ZONE CHART
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
M&R ENVIRONMENTAL AND MERLIN PLASTICS
British Columbia Used Oil Management Association

FIGURE 4.1

TYPICAL BAG COMPOSITION BY WEIGHT
2011 BCUOMA OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA



TABLES

TABLE 2.1

LIST OF MISCELLANEOUS NON-ELIGIBLE CONTAINERS
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

Laundry detergent
Milk jugs
Bleach containers
Disinfectant
Ice cream tubs
Plastic buckets
Gas containers
Cooking oil bottles
Spray bottles
Diesel exhaust fluid
Liquid soap containers
Soap detergent
Orange Juice containers
Salad Dressing
Kerosene bottles
Carwash containers
Paint thinner containers
Filters
Metal containers
Sulfuric acid for batteries containers
Solvent containers
Miscellaneous buckets and pails
Plastic bags
Drink cans and bottles
Brake Fluid

TABLE 4.1

GENERAL BAG CHARACTERISTICS
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

	ALL BAGS	*Zone 1*	*Zone 4&6* [1]	*Zone 6*	*Zone 7*	*Zone 7&8* [1]	*M&R Environmental*	*Merlin Plastics*
Number of bags surveyed	1000	606	91	99	85	119	500	500
Mean full bag weight (kg) [2]	6.8	7.0	7.6	6.4	6.4	5.7	7.2	5.7
Mean size of bag (%) [2][3]	85	86	95	79	82	74	86	88
Mean weight of non-eligible material (kg) [2]	1.8	1.81	1.95	1.57	1.50	1.88	1.95	1.68
Percent of bags with more than 50% non-eligible material (by weight) [2]	14.1%	12.2%	14.3%	14.1%	9.4%	26.9%	15.4%	12.8%

Notes:

(1) Approximately 50% of bags were collected from each zone

(2) Calculated as the raw arithmetic mean (i.e. the sum of all the bags divided by the sample size).

(3) The size of the bags were visually classified as either small (50%), medium (75%), large (90%) or extra large (100%).

TABLE 4.2

TYPICAL COMPOSITION OF A BAG OF OIL CONTAINERS
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

	Mean number of containers [1] [2]	*Mean weight (kg)* [2]	*Mean weight (%)* [2]
Bag of Containers (total)		**6.8**	**100**
All Eligible Containers	**43.0**	**5.0**	**74**
Oil Containers	38.0	4.0	58
Pails and Pail Lids	1.6	0.5	8
Anti-freeze Containers	3.4	0.5	8
Non-eligible Material (total)	**N/A**	**1.8**	**26**
Windshield Washer Fluid Containers	2.9	0.4	6
Fuel and Oil Additive Containers	1.5	0.1	1
Other	N/A	1.3	19

Notes:

(1) 'Containers' includes pail lids

(2) Calculated as the raw arithmetic mean (i.e. the sum of all the bags divided by the sample size).

TABLE 4.3

NUMBER OF CONTAINERS PER BAG
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

	MEAN NUMBER OF CONTAINERS PER BAG [1][3]							
	ALL ZONES	*Zone 1*	*Zone 4&6* [1]	*Zone 6*	*Zone 7*	*Zone 7&8* [2]	*M&R Environmental*	*Merlin Plastics*
Number of Bags surveyed	**1,000**	**606**	**91**	**99**	**85**	**119**	**500**	**500**
Eligible Containers	**43.0**	**48.4**	**44.2**	**31.8**	**36.4**	**28.6**	**45.7**	**40.3**
Oil Containers	38.0	44.0	37.6	24.5	30.1	24.7	41.4	34.6
Pails and Pail Lids	1.6	0.9	1.7	3.7	3.1	1.7	1.2	2.0
Anti-freeze Containers	3.4	3.4	4.9	3.7	3.2	2.2	3.1	3.8
Non-eligible Containers (total)	**4.4**	**4.9**	**5.6**	**4.1**	**2.4**	**2.7**	**5.8**	**3.1**
Windshield Washer Containers	2.9	2.8	5.2	3.5	2.0	1.6	2.8	2.5
Fuel and Oil Additive Containers	1.5	2.2	0.3	0.5	0.4	1.0	3.0	0.6

Notes:

(1) Assume 50% of bags were collected from Zone 4, 50% from Zone 6.

(2) Assume 50% of bags were collected from Zone 7, 50% from Zone 8.

(3) Calculated as the raw arithmetic mean (i.e. the sum of all the bags divided by the sample size).

TABLE 4.4

WEIGHT OF CONTAINERS PER BAG
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

	MEAN WEIGHT OF CONTAINERS PER BAG [3][4]							
	ALL ZONES	*Zone 1*	*Zone 4&6* [1]	*Zone 6*	*Zone 7*	*Zone 7&8* [2]	*M&R Environmental*	*Merlin Plastics*
Number of Bags surveyed	**1,000**	**606**	**91**	**99**	**85**	**119**	**500**	**500**
Total Mean Weight of Bag of Containers (Kg)	**6.8**	**7.0**	**7.6**	**6.3**	**6.4**	**5.7**	**7.1**	**6.4**
All Eligible Containers (Kg)	**5.0**	**5.2**	**5.6**	**5.0**	**4.9**	**3.8**	**5.2**	**4.8**
Oil Containers	4.0	4.3	4.3	3.1	3.4	2.9	4.3	3.6
Pails and Pail Lids	0.5	0.3	0.5	1.2	1.0	0.5	0.4	0.6
Anti-freeze Containers	0.5	0.5	0.8	0.6	0.5	0.3	0.5	0.6
Non-eligible Material (total) (Kg)	**1.8**	**1.8**	**2.0**	**1.4**	**1.5**	**1.9**	**2.0**	**1.6**
Windshield Washer Containers	0.4	0.3	0.7	0.5	0.3	0.2	0.3	0.4
Fuel and Oil Additive Containers	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1
Other	1.3	1.3	1.2	0.8	1.2	1.6	1.5	1.1

Notes:

(1) Approximately 50% of bags were collected from Zone 4, 50% from Zone 6

(2) Approximately 50% of bags were collected from Zone 7, 50% from Zone 8

(3) Calculated as the raw arithmetic mean (i.e. the sum of all the bags divided by the sample size).

(4) Other material includes any waste and garbage.

TABLE 4.5

GENERAL PAIL COMPOSITION
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

	ALL PAILS	*Zone 1*	*Zone 6*	*M&R Environmental*	*Merlin Plastics*
Number of Pails Surveyed	1000	677	323	500	500
Number of Oil Pails	932	615	317	442	490
% of Oil Pails	93.20%	90.84%	98.14%	88.40%	98.00%
Number of Anti-freeze Pails	3	1	2	1	2
% of Anti-freeze Pails	0.30%	0.15%	0.62%	0.20%	0.40%
Number of Non-elgible Pails	65	61	4	57	8
% of Non-elgible Pails	6.50%	9.01%	1.24%	11.40%	1.60%

APPENDICES

APPENDIX A

EHC APPLICABLE PRODUCTS LIST

BC Used Oil Management Assoc **(BCUOMA)**
AB Used Oil Management Assoc **(AUOMA)**
SK Association for Resource Recovery Corp **(SARRC)**
MB Association for Resource Recovery Corp **(MARRC)**
La Société de gestion des huiles usagées **(SOGHU)**

EHC Applicable Products List

Description	**Product**	**Container *(50 L or Less)***
EHC applicable on both product and container		
circulating oil or turbine oil	yes	yes
compressor oil	yes	yes
electrical insulating oil	yes	yes
gear oil	yes	yes
hydraulic fluid	yes	yes
marine engine oil for vessels operating domestically	yes	yes
mineral heat transfer fluid	yes	yes
paper machine oil	yes	yes
petroleum crankcase or engine oil	yes	yes
polyolester fluids	yes	yes
power steering fluid	yes	yes
refrigeration system oil	yes	yes
re-refined oil	yes	yes
synthetic crankcase or engine oil	yes	yes
transmission fluid	yes	yes
vegetable oil for lubrication	yes	yes
EHC applicable on container only		
2-cycle engine oil	no	yes
agricultural spray oil	no	yes
chain oil	no	yes
conveyor lube	no	yes
dedusting oil	no	yes
drawing, stamping and shaping oil	no	yes
dripless lube	no	yes
food grade white mineral oil	no	yes
form release oil	no	yes
gasoline / 2-cycle engine oil mixes	no	yes
machine tool and slideway lubricant	no	yes
marine cylinder oil	no	yes
metal working oil	no	yes
natural gas compressor oil	no	yes
pneumatic system oil	no	yes
process oil	no	yes
quenching oil	no	yes
rock drill oil	no	yes
rustproof oil	no	yes
saw guide oil	no	yes
textile oil	no	yes
Applicable for BC (BCUOMA) and MB (MARRC) only - EHC applicable on automotive antifreeze		
ethylene glycol vehicle engine coolant	yes	yes
propylene glycol vehicle engine coolant	yes	yes
Applicable for Quebec only (SOGHU) - EHC applicable on aerosol container		
aerosol propelled lubricant	no	yes
grease	no	no
paint	no	no
solvent/cleaner	no	no

EHC applicable on filters	
spin-on or element style filter that is used in hydraulic, transmission or internal combustion engine applications including diesel fuel filter	yes
coolant filter (also known as water filter)	yes
diesel fuel filter used at retail & commercial pump islands	yes
household furnace fuel filter	yes
oil / air separator filter	yes
plastic / paper element style filter	yes
storage tank diesel fuel filter	yes
sump type automatic transmission filter	yes

…back

EHC **not** applicable on either product or container

Description	Product	Container (50 L or Less)
3-in-1 household oil	no	no
aerosol propelled lubricant (Except Quebec)	no	no
base oil, including re-refined base oil	no	no
brake fluid	no	no
cleaning/flushing fluids for motors/equipment	no	no
cooking oil	no	no
diesel fuel treatment	no	no
emulsified oil	no	no
ethylene glycol heat transfer fluid	no	no
export oil sales	no	no
glycol-based heat transfer fluid	no	no
grease	no	no
gun oil	no	no
heating furnace oil	no	no
hydraulic jack oil	no	no
hydraulic oil dye	no	no
kerosene	no	no
marine engine oil for vessels operating internationally	no	no
oil additive	no	no
oil treatment	no	no
penetrating oil	no	no
phosphate ester hydraulic fluid	no	no
polyglycol synthetic compressor oil	no	no
propylene glycol heat transfer fluid	no	no
sewing machine oil	no	no
silicone heat transfer fluid	no	no
synthetic aromatic hydrocarbon heat transfer fluid	no	no
undercoating	no	no
urethane coating	no	no
water glycol hydraulic fluid	no	no
wax	no	no
windshield washer fluid	no	no
winter start fluid	no	no

EHC **not** applicable on filters

air filter	no
gasoline fuel filter	no
household furnace air filter	no
sock-type filter	no

EHC Rate Schedule

All members have to pay an EHC based on sales volumes, as follows:

SOGHU

Oil - $0.05 per litre.
Oil Containers 50 litres or less - $0.10/litre/container size
Filters - $0.50/filter for all sump type transmissions filters, $0.50/filter for other filters less than 8 inches (203 mm) in length or $1.00/filter equal to or greater than 8 inches (203 mm) in length.
Antifreeze **(Projected July 1, 2012)**
Antifreeze Containers **(Projected July 1, 2012)**
Aerosol container - $0.25 per spray lubricant container (Quebec only)

MARRC

Oil - $0.05 per litre.
Oil Containers 50 litres or less - $0.10/litre/container size
Filters - $0.50/filter for all sump type transmission filters, $0.50/filter for other filters < 8 inches (203 mm) or $1.00/filter for => 8 inches (203 mm).
Antifreeze - $0.08 per litre (**Effective August 1, 2011)**
Antifreeze Containers 30 litres or less - $0.10/litre/container size (**Effective August 1, 2011)**

SARRC

Oil - $0.05 per litre.
Oil Containers 50 litres or less - $0.10/litre/container size
Filters - $0.50/filter for all sump type transmission filters, $0.50/filter for other filters < 8 inches (203 mm) or $1.00/filter for => 8 inches (203 mm).

AUOMA

Oil - $0.05 per litre.
Oil Containers 50 litres or less - $0.05/litre/container size.
Filters - $0.50/filter for all sump type transmission filters, $0.50/filter for other filters < 8 inches (203 mm) or $1.00/filter for => 8 inches (203 mm).

BCUOMA

Oil - $0.05 per litre.
Oil Containers 50 litres or less - $0.10/litre/container size
Filters - $0.55/filter for all sump type transmission filters, $0.55/filter for other filters < 8 inches (203 mm) or $1.25/filter for => 8 inches (203 mm).
Antifreeze - $0.20 per litre **(Effective July 1, 2011)**
Antifreeze Containers 30 litres or less - $0.10/litre/container size **(Effective July 1, 2011)**

APPENDIX B

PHOTO LOG

PHOTO 1 - SORTING AREA
M&R ENVIRONMENTAL

PHOTO 2 - SORTING AREA
MERLIN PLASTICS

PHOTO LOG
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
M&R ENVIRONMENTAL AND MERLIN PLASTICS
British Columbia Used Oil Management Association

PHOTO 3 - BAG STORAGE AREA
M&R ENVIRONMENTAL

PHOTO 4 - BAG STORAGE AREA
MERLIN PLASTICS

PHOTO LOG
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
M&R ENVIRONMENTAL AND MERLIN PLASTICS
British Columbia Used Oil Management Association

PHOTO 5 - EXAMPLE OF TYPICAL OIL CONTAINERS

PHOTO 6 - EXAMPLE OF TYPICAL BAG OF CONTAINERS

PHOTO LOG
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
M&R ENVIRONMENTAL AND MERLIN PLASTICS
British Columbia Used Oil Management Association

PHOTO 7 - PET OIL CONTAINERS

PHOTO 8 - FUEL AND OIL ADDITIVE CONTAINERS

PHOTO LOG
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
M&R ENVIRONMENTAL AND MERLIN PLASTICS
British Columbia Used Oil Management Association

PHOTO 9 - EXAMPLE OF "CRUSHED" CONTAINERS

PHOTO 10 - DIFFERENT BAG SIZE CLASSIFICATIONS

PHOTO 11 - 4L ANTIFREEZE CONTAINERS

PHOTO 12 - 355 mL ANTIFREEZE CONTAINERS

PHOTO 13 - EXAMPLE OF BAG WITH SIGNIFICANT GARBAGE

PHOTO 14 - EXAMPLE OF BAG WITH SIGNIFICANT GARBAGE

APPENDIX C

RAW DATA

RAW DATA
GENERAL BAG CHARACTERISTICS
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
M&R ENVIRONMENTAL (500)																											
19-Sep-11	9:30	1	1	1	2.9	3				50	5	0.6							7	2.2	0.2					0.2	
19-Sep-11		2	2	1	6.4	6.3				90	114	6.1									0.2			3	0.2		
19-Sep-11		3	3	1	7.7	7.6				90	76	5.7									1.9			18	1	0.9	pail, wiper blade packaging, aerosol cans
19-Sep-11		4	4	1	11.9	11.8				90	22	10.8	2								1					1	clear oil, other additives
19-Sep-11		5	5	1	7.7	7.9				90	12	2.2							15	5.1	0.6					0.6	
19-Sep-11		6	6	1	5.7	5.7				90	21	3.4			2	0.2					2.1	11	1.5	1	0.1	0.5	
19-Sep-11		7	7	1	5.5	5.5				90	14	3.2			4	0.6			1	0.3	1.4	6	0.8	2	0.1	0.5	brake fluid, power steering & coolant
19-Sep-11		8	8	1	3.3	3.1				90					11	1.5					1.6	6	0.8			0.8	power steering, gear oil
19-Sep-11		9	9	1	5.4	5.4				90	26	3.1			7	0.9					1.4	4	0.6			0.8	Cooling system cleaner, brake fluid, transmission fluid
19-Sep-11		10	10	1	6.2	6.5				90	23	3.9			1	0.3			5	2.1	0.2					0.2	lids
19-Sep-11		11	11	1	7.3	7.3		15		100	1	0.2			15	2.1			1	0.3	4.7	17	2.1			2.6	Pail, soap, poer steering, transmission fluid
19-Sep-11		12	12	1	7.7	7.6				100	36	6.2			1	0.2					1.2			2	0.2	1	power steering, milk container
19-Sep-11		13	13	1	4.8	4.8	y	10	5	75	6.5	0.9									3.9	8	1.1	1	0.1	2.7	gear oil, cleaners, drinks, transmission fluis
19-Sep-11		14	14	1	7.8	7.9	y			100	33	5.8			1	0.1					2			1	0.1	1.9	detergent, drink containers, transmissoin fluid,
19-Sep-11		15	15	1	6.4	6.5				100	19	3.2			3	0.6			1	0.2	2.5	4	0.6			1.9	transmission fluid, other containers, bucket
19-Sep-11		16	16	1	7.4	6.8				75	9	1.4			4	0.5			11	3.4	1.5	2	0.2			1.3	plastic bags
19-Sep-11		17	17	7&8	4.3	4				90	13	1.8			5	1.7					0.5	2	0.2			0.3	
19-Sep-11		18	18	7&8	3.6	3.6				75	14	3.1									0.5					0.5	
19-Sep-11		19	19	7&8	5.5	5.4				85	17	2.8			10	1.7			2	0.5	0.4					0.4	
19-Sep-11		20	20	7&8	3.4	3.2				65					4	0.5					2.7	6	0.7			2	power steering, transmission fluid
19-Sep-11		21	21	7&8	3.4	3.4				75	6	2.1			8	1					0.3					0.3	
19-Sep-11		22	22	7&8	3.2	3.1				75					3	0.5					2.6	9	1.1			1.5	power steering, transmission fluid
19-Sep-11		23	23	7&8	5.3	5.2				75	14	3.1									2.1					2.1	chain oil
19-Sep-11		24	24	7&8	4.5	4.5				75	17	1.2			1	0.2					3.1					3.1	transmisson fluid, 2 cycle oil
19-Sep-11		25	25	7&8	1.4	1.4				40											1.4	4	0.5			0.9	transmission fluid
19-Sep-11		26	26	7&8	5.6	5.5				75	77	5.1									0.4					0.4	Transmission fluid
19-Sep-11		27	27	7&8	4.3	4.1				75	28	3.2			3	0.4					0.5					0.5	
19-Sep-11	13:17	28	28	7&8	4.4	4.3				75	8	1.7			7	1.1			1	0.3	1.2	1	0.1			1.1	chlorine, water bottles
19-Sep-11		29	29	7&8	4.1	3.9				75	14	2.2			1	0.2					1.5					1.5	chain oil
19-Sep-11		30	30	7&8	8.6	8.6				75	40	4.5			1	0.1					4			31	3.5	0.5	1 full additive
19-Sep-11	13:30	31	31	7&8	4	3.8				75	14	3.3									0.5					0.5	chain oil, CLR
19-Sep-11		32	32	7&8	4.4	4.4	y			75	20	1.7			7	0.9					1.8	3	0.4			1.4	garbage
19-Sep-11		33	33	7&8	3.4	3.4				75	6	0.5			4	0.5					2.4	10	1.3			1.1	transmission fluid
19-Sep-11		34	34	7&8	3.7	3.7				60	10	0.8							3	1	1.9					1.9	gear oil, compressor oil
19-Sep-11	13:45	35	35	7&8	4.8	4.9				75	12	3.8									1.1					1.1	plastic and brake fluid
19-Sep-11		36	36	7&8	4.4	4.6				75	8	1.4			1	0.2			4	1.3	1.7	1	0.2			1.5	plastic
19-Sep-11		37	37	7&8	10.9	11				75	3	0.7			3	0.5			4	1.3	8.5	5	0.6			7.9	5 pails
19-Sep-11		38	38	7&8	9.3	9.1				75	12	4	3						2	0.6	4.5			1	0.1	4.4	3 full 1 L oil, 2 buckets
19-Sep-11		39	39	7&8	4.2	4.2				75											4.2					4.2	aviation oil
19-Sep-11	14:07	40	40	7&8	3.4	3.5				75	9	1.8			3	0.5					1.2					1.2	used containers
19-Sep-11		41	41	7&8	5.8	5.6				75	5	0.9			1	0.4			1	0.2	4.1	6	0.7			3.4	transmission, brake, plastic
19-Sep-11		42	42	7&8	6	5.7				75	35	3.5			2	0.2					2					2	brake, steering, gas can, acetone, garbage
19-Sep-11	14:22	43	43	7&8	4.2	4.3	y			75	6	0.3			3	0.5					3.5	17	2.7			0.8	transmission
19-Sep-11		44	44	7&8	2.6	2.7				40	26	2.2									0.5			2	0.1	0.4	ATF
19-Sep-11		45	45	7&8	2	2				50	1	0.2			1	0.1					1.7	13	1.6			0.1	
19-Sep-11	14:30	46	46	7&8	1.8	1.9				30	24	1.5									0.4					0.4	ATF
19-Sep-11		47	47	7&8	4.6	4.5				75	25	2.3			4	0.5					1.7	2	0.2			1.5	plastic
19-Sep-11		48	48	7&8	6.9	6.9				75	45	3.8			4	0.6					2.5	2	0.3			2.2	ATF, axel grease
19-Sep-11		49	49	7&8	7.4	7.3				60	3	0.5			4	0.5			17	5.4	0.9	2	0.2	2	0.3	0.4	lubricant
19-Sep-11	14:47	50	50	7&8	4.3	4.2				75	24	3.4									0.8			2	0.1	0.7	gear lube
19-Sep-11		51	51	7&8	7.2	7				75	69	5.7			2	0.3					1	3	0.4	3	0.1	0.5	radiator sealant

RAW DATA
GENERAL BAG CHARACTERISTICS
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
19-Sep-11		52	52	7&8	5.7	5.6				75	53	3									2.6	5	0.6			2	garbage, gear oil, brake cleaner, ATF
19-Sep-11		53	53	7&8	5.8	5.6				75	41	3.7			4	0.5					1.4					1.4	exhaust fluid, transmission fluid
19-Sep-11		54	54	7&8	3.8	3.8				75	11	1.4			2	0.3					2.1					2.1	Transmission fluid, brake fluid,
19-Sep-11	15:12	55	55	7&8	2.4	2.2				50	3	0.2			4	0.6					1.4	2	0.3			1.1	plastics, veggy oil, paint thinner
19-Sep-11		56	56	7&8	4.9	4.8				65	9	1.6			1	0.2			8	2.4	0.6					0.6	aviation oil
19-Sep-11		57	57	7&8	5.2	5.1				65	9	1.6			2	0.3					3.2					3.2	plastics, juice containers
19-Sep-11		58	58	7&8	2.4	2.3				65	5	0.2			1	0.3					1.8	4	0.5			1.3	Transmission Fluid, 2 small buckets
19-Sep-11		59	59	7&8	1.4	1.4				30	13	1									0.4	1	0.1	2	0.1	0.2	gear oil
19-Sep-11		60	60	7&8	5.4	5.3				75	36	2.9			11	0.9					1.5					1.5	exhaust fluid
19-Sep-11		61	61	7&8	7.2	7.4				75	91	7									0.4					0.4	transmission fluid, steering fluid
19-Sep-11		62	62	7&8	6.5	6.6				75	47	5									1.6					1.6	Transmission fluid
19-Sep-11		63	63	7&8	6.2	6.1				60	9	1.5			1	0.2			12	4.3	0.1					0.1	
19-Sep-11	15:47	64	64	7&8	9.3	9.2				80	108	8.4	1								0.8					0.8	power steering, ATF
20-Sep-11	7:51	65	1	7&8	5.5	5.3				75	16	1.9			1	0.1			1	0.3	3	4	0.4	2	0.1	2.5	brake fliud, power steering, ATF
20-Sep-11		66	2	7&8	6.9	6.6				90	33	5.8									0.8			5	0.3	0.5	engine flush
20-Sep-11		67	3	1	9.6	9.4				100	119	8.2			3	0.5					0.7					0.7	ATF
20-Sep-11		68	4	1	8.5	8.7				90	63	7			1	0.2					1.5					1.5	engine flush, ATF
20-Sep-11		69	5	1	9.9	10.1				100	46	6.4									3.7			5	0.3	3.4	emgine flush, ATF
20-Sep-11		70	6	1	12.7	12.6				100	10	2.5			16	2.6			15	4.9	2.6	4	0.6	1	0.1	1.9	ATF
20-Sep-11		71	7	7&8	8.3	8.3				85	26	2.2			3	0.5					5.6			36	1.4	4.2	Atf, power steering, rad flush
20-Sep-11		72	8	7&8	10.2	10				85	46	4.7									5.3	5	0.6	5	0.2	4.5	ATF, gear oil, power steering
20-Sep-11		73	9	1	8.7	8.8				90	35	5.4									3.4			6	0.4	3	atf, engine flush
20-Sep-11		74	10	1	12.1	12.1				100	108	10.6	2		2	0.2					1.3			9	0.5	0.8	ATF
20-Sep-11		75	11	7&8	9.3	9.2	y			90	22	2.3							2	0.4	6.5					6.5	2 buckets, lid caps
20-Sep-11	8:58	76	12	7&8	12,1	11.9				100	74	6.5									5.4			4	0.3	5.1	ATF, brake fluid
20-Sep-11		77	13	1	6.2	6.3				75	17	2.7			2	0.4			1	0.6	2.6					2.6	2 buckets
20-Sep-11		78	14	7&8	11.2	11.2				100	12	2.2			8.5	1.2			18	5.5	2.3	2	0.3			2	cooling system cleaner
20-Sep-11		79	15	1	7.4	7.3				90	22	5.1							1	0.3	1.9			8	0.5	1.4	atf
20-Sep-11		80	16	1	11	11.1				100	19	1.5			9	4.4	1				5.2	1	0.1			5.1	atf, gear lube
20-Sep-11		81	17	1	9.5	9.4				100	106	7.3			5	0.7					1.4					1.4	atf
20-Sep-11	9:32	82	18	1	8.6	8.6	y			100	27	2			2	0.3					6.3	8	1.1	14	0.5	4.7	brake fluid, coolant additive, atf
20-Sep-11		83	19	1	6.4	6.3				75	27	2.3			10	1.6					2.4	2	0.3			2.1	exhaust fluid
20-Sep-11		84	20	1	6.4	6.4	y			80	1	0.1									6.3					6.3	carpet cleaner
20-Sep-11		85	21	1	10.7	10.6				100	83	9.3									1.3			2	0.1	1.2	atf, engine flush
20-Sep-11		86	22	7&8	3.2	3				50	16	1.1									1.9	1	0.1			1.8	exhaust fluid, brake fluid
20-Sep-11		87	23	7&8	5.4	5.5				80	20	3.7			2	0.3					1.5	1	0.2			1.3	brake fluid, atf
20-Sep-11		88	24	7&8	8.6	8.2				80	41	6.4			1	0.2					1.6	5	0.7			0.9	gear oil
20-Sep-11		89	25	1	9	8.8				100	99	6.7			3	0.4					1.7					1.7	atf
20-Sep-11		90	26	1	5.4	5.5				100	21	2.5			7	1.1					1.9	9	1.2			0.7	atf
20-Sep-11	10:15	91	27	7&8	6.6	6.8				75	32	3			1	0.2					3.6					3.6	exhuast fluid, brake fluid
21-Sep-11	7:50	92	1	1	7.4	7.4				90	65	5.3			3	0.5					1.6	11	1.2			0.4	
21-Sep-11		93	2	1	10.3	10.2				100	84	8.2									2			7	0.3	1.7	engine flush
21-Sep-11	8:10	94	3	1	7.6	7.7				100	105	7			1	0.2					0.5					0.5	brake fluid
21-Sep-11		95	4	1	5.2	5.2				100	39	3							1	0.4	1.8					1.8	milk jugs
21-Sep-11		96	5	1	10.9	10.8				100	83	9.9		1							0.9			10	0.5	0.4	engine flush
21-Sep-11	8:24	97	6	1	8.1	8.1				100	89	7.3									0.8	3	0.5	1	0.1	0.2	
21-Sep-11	8:30	98	7	1	9	8.9				100	43	6			5	1.1					1.8	2	0.4			1.4	paint thinner, brake fluid
21-Sep-11	8:36	99	8	1	8.5	8.5		10		100	39	4.5			8	0.4					3.6	3	0.4	53	2.1	1.1	brake fluid, coolant additive
21-Sep-11	8:41	100	9	1	4.9	4.9				75	41	3.2			1	0.1					1.6	3	0.5			1.1	water and juice bottles
21-Sep-11		101	10	1	5.4	5.3				90	20	3.7							1	0.3	1.3	1	0.2			1.1	plastic jugs
21-Sep-11	8:47	102	11	1	5.4	5.3				75	29	3.6			3	1.1					0.6			1	0.1	0.5	
21-Sep-11	8:50	103	12	1	6.6	6.7				90	66	6.1			1	0.2					0.4			2	0.1	0.3	

RAW DATA
GENERAL BAG CHARACTERISTICS
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
21-Sep-11	8:53	104	13	1	6.3	6.2				90	54	5.7		1							0.5			1	0.1	0.4	
21-Sep-11	8:55	105	14	1	5.6	5.7				90	23	3.1			2	0.4					2.2	3	0.3			1.9	plastic jugs
21-Sep-11	8:58	106	15	1	6.8	6.8				90	35	4.6			3	1.7		1			0.5			1	0.1	0.4	
21-Sep-11	9:00	107	16	1	6.7	6.8		10		90	41	4.2									2.6			30	1.3	1.3	brake fluid, coolant additive
21-Sep-11	9:04	108	17	1	9.3	9.5				100	104	6.9			8	1.4					1.2			5	0.3	0.9	coolant and power steering additive
21-Sep-11	9:11	109	18	1	8.6	8.9				100	78	6.4			5	0.9					1.6	10	1.2	1	0.1	0.3	
21-Sep-11	9:15	110	19	1	7.3	7				100	60	6.1			1	0.1					0.8			5	0.3	0.5	
21-Sep-11	9:19	111	20	1	7	6.9				80	48	5.7									1.2			8	0.4	0.8	water bottle
21-Sep-11	9:22	112	21	1	8.4	8.5				90	50	7		2							1.5			8	0.5	1	engine flush
21-Sep-11	9:25	113	22	1	6	5.9				75	13	2.9			4	0.7					2.3	1	0.2	1	0.1	2	plastic jugs
21-Sep-11	9:27	114	23	1	5.8	5.9				90	28	4.7			1	0.2					1					1	plastic jugs
21-Sep-11	9:30	115	24	1	6.3	6.4				90	49	4.8			2	0.3					1.3					1.3	plastic jugs
21-Sep-11	9:33	116	25	1	6.3	6.2				90	56	4.9									1.3			8	0.5	0.8	plastic jugs, engine flush
21-Sep-11	9:36	117	26	1	7.4	7.5				90	56	6.7									0.8			6	0.3	0.5	engine flush
21-Sep-11	9:38	118	27	1	4.5	4.7				75	43	3.5			10	0.5					0.7					0.7	
21-Sep-11	9:42	119	28	1	6.3	6.5				75	55	5.8									0.7			4	0.3	0.4	
21-Sep-11	9:45	120	29	1	6.4	6.5				90	34	4.7									1.8	1	0.2			1.6	plastic jugs
21-Sep-11	9:48	121	30	1	7.3	7.2		5		90	30	2.3			12	1.8					3.1	1	0.1	44	1.7	1.3	brake fluid
21-Sep-11	9:53	122	31	1	8.6	8.8				90	74	6.1			8	0.8					1.9			1	0.1	1.8	jugs, metal
21-Sep-11	9:56	123	32	1	8.3	8.4				100	38	3			18	1.4					4	11	1.5	13	0.5	2	plastic, jugs
21-Sep-11	10:01	124	33	1	7.4	7.4				90	55	5			12	1.6					0.8	1	0.1			0.7	plastics
21-Sep-11	10:06	125	34	1	11.8	11.7	y			100	45	3.7			2	0.3					7.7	79	2.9	3	0.2	4.6	diesel exhaust fluid, jugs, plastic bottles, other plastic
21-Sep-11	10:14	126	35	1	7.1	7				80	44	4.7	3								2.3	13	1.7	1	0.1	0.5	
21-Sep-11	10:18	127	36	1	8.3	8				100	104	6.6			6	0.5					0.9	1	0.2	4	0.2	0.5	plastic
21-Sep-11	10:23	128	37	1	9.2	9.1				90	105	8			2	0.3					0.8	4	0.5			0.3	
21-Sep-11		129	38	1	5.9	5.7				100	13	3.5			4	0.5					1.7	10	1.5			0.2	
21-Sep-11	10:29	130	39	1	5.5	5.4				80	37	4.6	2								0.8					0.8	cardboard
21-Sep-11	10:32	131	40	1	7	6.9				75	92	6			1	0.1			1	0.3	0.5			1	0.1	0.4	
21-Sep-11		132	41	1	8.8	8.7				90	22	2.9			2	0.3			9	3.4	2.1	1	0.1			2	brake fluid, plastic
21-Sep-11	10:38	133	42	1	6.5	6.7	y			100	48	4.6			2	0.4					1.7	1	0.2			1.5	brake fluid, garbage
21-Sep-11	10:42	134	43	1	9	9.2				100	107	8.4			1	0.2					0.6	2	0.3			0.3	
21-Sep-11		135	44	1	6.5	6.5				80	72	4.3			5	0.8					1.4	1	0.2			1.2	brake fluid
21-Sep-11	10:47	136	45	1	9.9	9.6				100	119	7.9			4	0.8					0.9					0.9	brake fluid
21-Sep-11	10:50	137	46	1	6.4	6.4				100	33	2.9									3.5	23	3.1	2	0.1	0.3	
21-Sep-11		138	47	1	10.8	10.7				100	26	5.5			1	0.2			2	0.5	4.5					4.5	brake fluid. 2 pails, a lot of oil
21-Sep-11	11:45	139	48	1	9.3	9.3				80	53	4.6			2	0.3					4.4	1	0.2	4	0.1	4.1	air intake
21-Sep-11		140	49	1	6.1	5.9				90	16	2.2			1	0.1			3	0.9	2.7	2	0.2			2.5	plastic jugs
21-Sep-11	11:51	141	50	1	7.1	6.9				90	84	6.4									0.5	2	0.2	1	0.1	0.2	
21-Sep-11	11:54	142	51	1	5.5	5.5				100	41	4.5			2	0.4					0.6					0.6	plastic jugs
21-Sep-11	11:58	143	52	1	5.1	4.8				90	16	2.3			3	0.4			2	0.5	1.6	1	0.1			1.5	
21-Sep-11	12:01	144	53	1	5.3	5.1				100	23	2.9			4	0.5					1.7	2	0.2			1.5	plastic jugs
21-Sep-11		145	54	1	7	7				100									1	0.2	6.8	1	0.1			6.7	gun cleaner, tire remover
21-Sep-11	12:06	146	55	1	10	10				100	79	5.8			11	0.9					3.3	3	0.4	12	0.5	2.4	brake fluid, diesel exhaust additive, plastic jugs
21-Sep-11	12:10	147	56	1	11.2	11.3				100	24	3.2			3	0.2			3	0.8	7.1			3	0.3	6.8	3 X pails, plastic jugs
21-Sep-11	12:13	148	57	1	9.5	9.5				90	82	6.3			4	0.5					2.7	3	0.5	3	0.1	2.1	plastic
21-Sep-11	12:17	149	58	1	10.3	10.2	y			100	36	3.6									6.6	96	3.7	7	0.3	2.6	plastic, garbage
21-Sep-11	12:23	150	59	1	7.6	7.5				100	59	4.8			5	1					1.7			1	0.1	1.6	plastic jugs
21-Sep-11	12:28	151	60	1	10.1	10				100	109	8.3			8	0.5					1.2					1.2	brake fluid, flush
21-Sep-11	12:31	152	61	1	2	2				30	12	0.9									1.1	3	0.5			0.6	A/C recharge
21-Sep-11	12:33	153	62	1	8.9	8.7				100	43	4			12	1.3					3.4	11	0.8	1	0.1	2.5	aerosol cans, plastic jugs
21-Sep-11	12:38	154	63	1	6	5.7				90	31	4.1			2	0.2			2	0.6	0.8	3	0.2			0.6	
21-Sep-11	12:42	155	64	1	8	7.8		5		90	28	4.4			2	0.2					3.2	1	0.2			3	20L water jug, plastic jugs

RAW DATA
GENERAL BAG CHARACTERISTICS
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
21-Sep-11	12:46	156	65	1	7.8	7.9	y			90	16	3.1			2	0.4					4.4			1	0.1	4.3	plastic jugs, pop bottles, garbage, plastic
21-Sep-11	12:50	157	66	1	12.2	12.1				100	71	4.9			1	0.4					6.8			10	0.4	6.4	plastic, brake fluid, transmission treatment
21-Sep-11	12:55	158	67	1	5	4.7				75	28	3.6							1	0.3	0.8					0.8	
21-Sep-11	12:58	159	68	1	7.1	7.1				90	80	5.7									1.4	2	0.2	1	0.1	1.1	plastic jugs
21-Sep-11	13:01	160	69	1	5.6	5.6	y			90	46	3.1									2.5	3	0.4	2	0.1	2	pop bottles, cups, napkins, garbage
21-Sep-11	13:06	161	70	1	7.6	7.7			5	90	44	3			3	0.7					4	14	1.8	15	0.5	1.7	plastic, brake fluid
21-Sep-11	13:14	162	71	1	8.2	8.3				90	88	6.4			5	0.5					1.4					1.4	plastic
21-Sep-11	13:19	163	72	1	6.5	6.6				80	24	4.2			4	0.7					1.7	4	0.5	3	0.2	1	cardboard
21-Sep-11	13:23	164	73	1	5.8	5.8				90	82	5.3			1	0.2					0.3					0.3	
21-Sep-11	13:25	165	74	1	2.4	2.4				40	17	1.1			4	0.5					0.8	1	0.1			0.7	plastic jugs
21-Sep-11	13:27	166	75	1	6.8	6.8				90	73	5.4			5	0.7					0.7					0.7	brake fluid
21-Sep-11	13:30	167	76	1	4.7	4.8				50	34	3.7									1.1			5	0.3	0.8	engine flush
21-Sep-11	13:32	168	77	1	8.7	8.9				100	77	5.4			15	1.3					2.2			15	0.6	1.6	radiator flush, brake fluid
21-Sep-11	13:36	169	78	1	6.1	6.1				90	30	2.7			6	1					2.4	3	0.5	2	0.1	1.8	milk jugs, other plastic jugs
21-Sep-11	13:39	170	79	1	4.8	4.4				90	20	3			2	0.7					0.7					0.7	engine flush
21-Sep-11	13:41	171	80	1	5.3	5.2	y			90	7	1.1			6	0.9					3.2	3	0.4	3	0.1	2.7	plastic, plant pots, garbage
21-Sep-11	13:44	172	81	1	5.9	5.6				90	14	2.5							1	0.3	2.8	2	0.2			2.6	11kg feta cheese container, 20L water jug, plastic jug
21-Sep-11	13:48	173	82	1	3.7	3.5				80	21	2.6									0.9	1	0.1			0.8	plastic, plastic jugs
21-Sep-11	13:51	174	83	1	8.5	8.4				100	51	3			1	0.2			1	0.3	4.9					4.9	plastic jugs (water, juice, milk etc.), pail, spray bottles
21-Sep-11	13:54	175	84	1	5.9	5.8				90	42	4.8									1			10	0.5	0.5	engine flush
21-Sep-11	13:57	176	85	1	3.4	3.4				90	27	1.8									1.6	6	1.2	1	0.1	0.3	
21-Sep-11	14:00	177	86	1	5.6	5.7				90	22	2.3			17	2.9					0.5					0.5	brake fluid
21-Sep-11	14:03	178	87	1	8.8	8.9				100	64	4.6			21	2.8					1.5					1.5	brake fluid, radiator flush
21-Sep-11	14:08	179	88	1	8.4	8.5				90	87	6.6			10	1.3					0.6					0.6	brake fluid
21-Sep-11	14:13	180	89	1	5.8	5.5				90	50	3.9			5	0.7					0.9			1	0.1	0.8	plastic jugs (cleaner), pop, brake fluid
21-Sep-11	14:17	181	90	1	7.9	7.6				100	105	6.9									0.7			3	0.2	0.5	power steering additive
21-Sep-11	14:21	182	91	1	6.1	5.9				90	28	4.3			8	0.6					1					1	sulfuric acid for batteries containers
21-Sep-11	14:26	183	92	1	7.7	7.6				90	68	6.8									0.8			1	0.1	0.7	engine flush, laundry soap
21-Sep-11	14:30	184	93	1	5.1	5.2				90	34	4.5									0.7					0.7	plastic bottles
21-Sep-11	14:33	185	94	1	8.3	8.4				90	77	6.5									1.9			5	0.4	1.5	brake fluid, engine flush
21-Sep-11	14:38	186	95	1	4.8	5			5	90	15	1.7			8	1.2					2.1	10	1.5	1	0.1	0.5	plastic jug
21-Sep-11	14:41	187	96	1	6.7	6.9				90	62	4.9			8	1.2					0.8					0.8	brake fluid
21-Sep-11	14:44	188	97	1	6.3	6.5				75	45	5.1									1.4			7	0.5	0.9	engine flush
21-Sep-11	14:48	189	98	1	8.5	8.7				90	77	5.6			7	0.9					2.2			2	0.1	2.1	power steering additive
21-Sep-11		190	99	1	6	5.8				50	41	4.6									1.2			6	0.4	0.8	engine flush
21-Sep-11	14:55	191	100	1	5.6	5.6				80	59	4									1.6			24	0.9	0.7	tranmission cleaner, radiator cleaner
21-Sep-11	15:00	192	101	1	5.6	5.6				100									2	0.6	5					5	cleaner jugs
21-Sep-11	15:04	193	102	1	4.4	4.4			5	90	13	2.9									1.5	9	1.1			0.4	engine flush
21-Sep-11	15:07	194	103	1	6.7	6.8				90	43	5.1			1	0.2					1.5	2	0.4			1.1	plastic jugs
21-Sep-11	15:11	195	104	1	5.8	5.7				100	16	1.5			9	1.4					2.8	12	1.5			1.3	plastic garbage, laundry detergent
21-Sep-11	15:13	196	105	1	2.9	2.5				40	18	2.3									0.2			2	0.1	0.1	
22-Sep-11	6:17	197	1	1	9.2	9.3				90	113	8.6			1	0.2					0.5			1	0.1	0.4	
22-Sep-11		198	2	1	10	10.2				90	117	9.7									0.5					0.5	
22-Sep-11	6:26	199	3	1	10.8	10.9	y			90	40	2.8			5	1.5					6.6			9	1	5.6	plastic, milk jugs, plastic jugs, laundry soap, tupperware, protein powder container, radiator
22-Sep-11	6:32	200	4	1	9.9	9.8				100	53	6.7			5	0.8			4	1.2	1.1	3	0.6	1	0.1	0.4	plastic bags
22-Sep-11	6:37	201	5	1	10.6	10.6				100	78	8.3			2	0.3			3	0.8	1.2			3	0.2	1	plastic jugs
22-Sep-11	6:42	202	6	1	9.1	8.8				100	70	6.8			2	0.3			3	0.9	0.8	1	0.1			0.7	
22-Sep-11	6:46	203	7	1	11.4	11.4				100	134	10.9									0.5					0.5	brake fluid
22-Sep-11	6:50	204	8	1	10.9	10.6				80	61	4.6									6			7	0.4	5.6	battery, engine flush
22-Sep-11	6:57	205	9	1	10	9.9				100	113	9.4									0.5			4	0.2	0.3	
22-Sep-11	7:01	206	10	1	8.4	8.2				100	67	7.3									0.9			3	0.1	0.8	plastic, engine flush
22-Sep-11	7:04	207	11	1	8.9	8.7				100	60	7.3									1.4	1	0.2	5	0.3	0.9	ice cream bucket, plastic jugs

RAW DATA
GENERAL BAG CHARACTERISTICS
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
22-Sep-11	7:08	208	12	1	13.5	13.3				100	15	2.4			3	0.5			27	8.9	1.5					1.5	plastic, brake fluid, plastic jugs
22-Sep-11	7:11	209	13	1	8.9	8.6		25		100	56	6.1			4	0.5					2	1	0.1			1.9	brake fluid, plastic
22-Sep-11	7:17	210	14	1	10.7	10.3				100	115	9.7									0.6			5	0.1	0.5	engine flush
22-Sep-11	7:23	211	15	1	9.1	9.1		10		90	42	3.2			10	1.5					4.4					4.4	plastic, plastic jugs
22-Sep-11	7:28	212	16	1	9.4	9.3				100	87	8.1									1.2					1.2	exhaust fluid
22-Sep-11	7:32	213	17	1	9.9	9.8		10		100	78	7.6			13	0.4					1.8			23	0.8	1	pop bottles, brake fluid
22-Sep-11	7:38	214	18	1	12.8	12.6				90	149	12									0.6			3	0.1	0.5	
22-Sep-11	7:43	215	19	1	10.4	10.3				90	124	9.9									0.4					0.4	
22-Sep-11	7:46	216	20	1	9	8.7				100	96	8									0.7			2	0.2	0.5	engine flush
22-Sep-11	7:49	217	21	1	6.6	6.7				75	19	2			2	0.3					4.4			5	0.2	4.2	milk jugs, plastic bags, radiator flush
22-Sep-11	7:55	218	22	1	8.9	8.9		5		75	107	8.5									0.4	1	0.1	1	0.1	0.2	
22-Sep-11	7:59	219	23	1	5.7	5.6				60	27	4									1.6					1.6	bucket, milk jug
22-Sep-11	8:02	220	24	1	9.8	9.6				90	67	5.3			4	0.6			1	0.2	3.5			2	0.1	3.4	20L pail, plastic bags, plastic
22-Sep-11	8:07	221	25	1	7.3	7.1				75	48	5.7									1.4			2	0.2	1.2	plastic
22-Sep-11	8:10	222	26	1	7.4	7.3				100	23	2.4			8	1			1	0.3	3.6	2	0.2	1	0.1	3.3	diesel exhaust fluid
22-Sep-11	8:15	223	27	1	5.1	5		5		75	27	3.3			1	0.2					1.5	1	0.1			1.4	water jug, plastic jugs
22-Sep-11	8:19	224	28	1	9.3	9.2				100	71	7.2			1	0.1					1.9			8	0.4	1.5	metal oil container
22-Sep-11	8:22	225	29	1	8.1	7.9				90	46	5.7			1	0.1					2.1			7	0.4	1.7	engine flush, aerosol cans
22-Sep-11		226	30	1	9.3	8.9				100	38	4.8			28	1.6					2.5			46	1.6	0.9	pop bottles, brake fluid
22-Sep-11	8:33	227	31	1	4.1	4.1			10	60	16	1.3			2	0.3			3	0.8	1.7					1.7	#1 plastic oil containers
22-Sep-11	8:37	228	32	1	6.4	6.4				90	58	5.2			2	0.3					0.9	4	0.6			0.3	
22-Sep-11	8:40	229	33	1	8.8	8.8				80	56	7.7									1.1			7	0.3	0.8	engine flush
22-Sep-11	8:44	230	34	1	6.4	6.4		10		100	3	1.5			9	1.3					3.6	2	0.3			3.3	plastic jugs
22-Sep-11	8:47	231	35	1	8.8	8.6				90	70	5.6			2	0.3			2	0.6	2.1	1	0.1			2	
22-Sep-11	8:52	232	36	1	8.4	8.4				90	15	1.4			4	4.4	2		1	0.2	2.4	11	0.7	1	0.1	1.6	20L pail
22-Sep-11	8:57	233	37	1	8.7	8.7				90	44	6.7			6	1					1	1	0.2	1	0.2	0.6	plastic bags
22-Sep-11	9:01	234	38	1	9.5	9.6				80	76	7.9									1.7			6	0.4	1.3	plastic
22-Sep-11	9:07	235	39	1	8.3	8.4				90	41	5.9							1	0.2	2.3					2.3	small pail, brake fluid, milk jugs, pop bottles, other plastic containers
22-Sep-11	9:10	236	40	1	6.3	6.1				90	47	4.8			1	0.2					1.1	6	0.8			0.3	
22-Sep-11	9:14	237	41	1	6.7	6.6		10		100	6	0.6			15	2.3					3.7	11	1	10	0.7	2	pop bottles, plastic
22-Sep-11	9:18	238	42	1	8.8	8.5	y	10		100	60	4.5			1	0.1					3.9	15	2			1.9	garbage, plastic, pop bottles
22-Sep-11	9:23	239	43	1	7.8	7.8			5	80	12	2.7			4	0.5			12	3.9	0.7	1	0.2			0.5	
22-Sep-11	9:28	240	44	1	7.9	7.7				100	42	3.5			4	0.6					3.6	17	2.3	2	0.1	1.2	diesel exhaust fluid
22-Sep-11	9:31	241	45	1	7.9	7.9				100	21	3			3	0.5					4.4	16	2	1	0.1	2.3	containers, degreaser 20L container, plastic, brake fluid
22-Sep-11	9:36	242	46	1	6.9	6.8	y			100	27	3.6			9	1.4			1	0.3	1.5					1.5	plastic, garbage, jugs
22-Sep-11	9:41	243	47	1	7.7	7.7				100	24	3.4							3	1	3.3	2	0.3	2	0.1	2.9	20L pail X2, spray bottles
22-Sep-11	9:47	244	48	1	6.4	6.4				90	17	1.6			10	1.7					3.1	4	0.6	4	0.2	2.3	radiator cleaner,
22-Sep-11	9:51	245	49	1	9.3	9.3				100	71	6.2			1	0.2					2.9			21	1.3	1.6	coolant treatment, engine flush, plastic jugs
22-Sep-11	9:59	246	50	1	8.4	7.1				100	60	5.2			4	0.5					1.4	14	0.9			0.5	aerosol cans
22-Sep-11	10:06	247	51	1	6.6	6.6				90	44	4.8			5	0.6					1.2	3	0.4	2	0.1	0.7	juice jugs, moist wipes, plastic bags
22-Sep-11	10:09	248	52	1	7.1	6.7				90	27	4.1			3	0.5			2	0.4	1.7	4	0.9			0.8	oily
22-Sep-11	10:12	249	53	1	5.2	5				75	14	2.7									2.3	2	0.2			2.1	plastic jugs
22-Sep-11	10:15	250	54	1	6	5.6				100	11	1.9			19	3					0.7	2	0.4	1	0.1	0.2	
22-Sep-11	10:21	251	55	1	7.8	7.8				90	74	6.5									1.3	2	0.3	9	0.5	0.5	
22-Sep-11	11:05	252	56	1	6.7	6.5				90	31	4.2									2.3			20	1.2	1.1	engine flush
22-Sep-11	11:11	253	57	1	9.5	9.5				100	146	9.1									0.4					0.4	engine flush
22-Sep-11	11:15	254	58	1	3.8	3.8				60	20	2			6	1.1					0.7	2	0.3	6	0.2	0.2	
22-Sep-11	11:17	255	59	1	8.6	8.6	y	25		80	46	3.1			11	1.7			2	1.1	2.7	9	1.1	3	0.1	1.5	plastic, plastic bags and wrappers, garbage
22-Sep-11	11:23	256	60	1	4.4	4.3				50	24	2.4									1.9	9	1.3	2	0.1	0.5	
22-Sep-11	11:25	257	61	1	7	6.7				90	31	6			1	0.2					0.5					0.5	milk jug
22-Sep-11	11:28	258	62	1	8.4	8.3				100	32	6.9									1.4					1.4	plastic jugs
22-Sep-11	11:30	259	63	1	8.1	8				100	26	5.4			1	0.2					2.4	2	0.3			2.1	20L jug

RAW DATA
GENERAL BAG CHARACTERISTICS
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
22-Sep-11	11:33	260	64	1	6.8	6.9				90	34	5.1			2	0.3					1.5					1.5	small pail, juice containers
22-Sep-11	11:36	261	65	1	7	7			5	90	28	3			1	0.1					3.9	6	0.7	53	2	1.2	aerosol cans
22-Sep-11	11:41	262	66	1	6	6.1		10		60	20	3.4							2	0.5	2.2	3	0.6			1.6	20L pail, pop bottles, plastic
22-Sep-11	11:43	263	67	1	6.2	6.3				90	21	2.6			3	0.5					3.2	1	0.2	12	1.5	1.5	milk jug, plastic juice, small pail
22-Sep-11	11:48	264	68	1	4.2	4.2				80	19	1.1			5	0.7			1	0.3	2.1	9	1.3	7	0.4	0.4	radiator flush
22-Sep-11	11:51	265	69	1	4.9	5				60	4	0.8									4.2	1	0.2			4	small pails, 20L gas, plastic jugs
22-Sep-11	11:53	266	70	1	9	9	y			100	21	3.3			4	0.6			1	0.3	4.8	1	0.1			4.7	plastic containers, 20L gas, garbage
22-Sep-11	11:59	267	71	1	6.3	6.2				60	29	4.7									1.5			12	0.7	0.8	
22-Sep-11	12:04	268	72	1	6.4	6.4				100	38	4.3			2	0.4					1.7	2	0.2			1.5	plastic
22-Sep-11	12:06	269	73	1	8.3	8.2				90	50	7									1.2	1	0.2	6	0.5	0.5	rags
22-Sep-11	12:09	270	74	1	7.7	7.8				100	35	5.4			1	0.2					2.2	3	0.4			1.8	oily, milk jugs, plastic jugs/containers
22-Sep-11	12:13	271	75	1	4.6	4.7				75	9	1.4									3.3	9	1.2	6	0.4	1.7	plastic containers, transmission flush
22-Sep-11	12:16	272	76	1	6.2	6.1				75	74	5.4			1	0.2					0.5					0.5	
22-Sep-11	12:19	273	77	1	7	7.2				90	80	6.2									1	1	0.2	2	0.1	0.7	water and pop bottles
22-Sep-11	12:22	274	78	1	3.9	3.9				90	3	1.3									2.6	20	2.3			0.3	
22-Sep-11	12:24	275	79	1	4.7	4.7				75	13	3.4							1	0.3	1	1	0.5			0.5	
22-Sep-11	12:26	276	80	1	5.9	5.9				90	20	3.5									2.4					2.4	plastic
22-Sep-11	12:28	277	81	1	7.6	7.6		20		100	27	3			4	0.7			3	1	2.9	4	0.5			2.4	water and juice bottles
22-Sep-11	12:32	278	82	1	7.3	7.2		10		90	25	3.6							5	1.7	1.9					1.9	plastic
22-Sep-11	12:35	279	83	1	7	7.1				90	26	5.1			1	0.2			1	0.4	1.4	1	0.2			1.2	plastic jugs
22-Sep-11	12:39	280	84	1	6.7	6.8				90	9	0.8									6	13	1.8	6	0.4	3.8	engine flush
22-Sep-11	12:42	281	85	1	4.5	4.6				90	6	1.7									2.9	18	2.3			0.6	
22-Sep-11	12:45	282	86	1	6.1	5.8				90	67	4.2			3	0.5			1	0.3	0.8			3	0.2	0.6	plastic
23-Sep-11	6:20	283	1	1	12.2	12.3				100	44	3.8			4	0.6			13	4.3	3.6			9	1.4	2.2	plastic jugs and containers
23-Sep-11	6:26	284	2	1	10.3	10.3				90	81	8.7									1.6			7	0.5	1.1	engine flush
23-Sep-11	6:29	285	3	1	8.9	8.9				90	56	4.3			14	2.2					2.4					2.4	plastic containers
23-Sep-11	6:33	286	4	1	9.3	9.3				100	65	6.4									2.9	2	0.4			2.5	plastic bottles and bags
23-Sep-11	6:36	287	5	1	13.9	13.8				100	86	8			4	0.6			14	4.5	0.7					0.7	
23-Sep-11	6:40	288	6	1	10.8	10.6				90	70	8.8							2	0.6	1.2			4	0.2	1	engine flush, pop cans
23-Sep-11	6:45	289	7	1	10.3	10.2				90	76	8.3									1.9			7	0.3	1.6	engine flush, aerosol cans, pop cans
23-Sep-11	6:49	290	8	1	7.9	7.7	y			100	65	4.6			14	0.5					2.6			15	0.5	2.1	plastic bags, pop bottles, brake fluid
23-Sep-11	6:55	291	9	1	8.2	8.3				100	42	6.5			2	0.2					1.6	5	0.8			0.8	
23-Sep-11	6:59	292	10	1	12.8	12.9				100	38	4.7			1	0.3			17	6	1.9	1	0.2			1.7	pail, plastic bags
23-Sep-11	7:03	293	11	1	10.4	10.6				100	80	9.1									1.5			11	0.6	0.9	
23-Sep-11	7:09	294	12	1	9.4	9.1				90	76	8.5									0.6					0.6	
23-Sep-11	7:12	295	13	1	9.3	9				90	40	3.6			1	1			5	1.5	2.9					2.9	plastic jugs, milk, small pails
23-Sep-11	7:16	296	14	1	9.4	9.4				100	122	8.5									0.9			11	0.5	0.4	
23-Sep-11	7:21	297	15	1	4.4	4.4		5		75	29	2.5	1	3	3	0.4					1.5	7	1			0.5	
23-Sep-11	7:24	298	16	1	7	6.8				100	55	5			6	1					0.8			3	0.3	0.5	
23-Sep-11	7:28	299	17	1	10	10.2		25		90	61	6.4									3.8	8	1.2			2.6	plastic containers
23-Sep-11	7:32	300	18	1	7.2	6.9				80	37	4.9							1	0.4	1.6			7	0.5	1.1	plastic jugs
23-Sep-11	7:35	301	19	1	7.6	7.8				90	26	5.4			2	0.4					2					2	plastic jugs
23-Sep-11	7:38	302	20	1	6.8	7				100	35	3.1			9	1.5					2.4	15	1.9	1	0.1	0.4	
23-Sep-11	7:42	303	21	1	6.9	7.2				90	46	3.4			3	0.5					3.3	19	2.8			0.5	
23-Sep-11	7:46	304	22	1	9	8.4		10	5	100	7	0.7			37	6.5					1.2	2	0.3			0.9	oil, water, and antifreeze liquid. Milk jug
23-Sep-11	7:51	305	23	1	5.8	5.8		10		100	44	3.4			5	0.6					1.8	7	1	3	0.1	0.7	brake fluid
23-Sep-11	7:55	306	24	1	6.8	6.6				100	46	3.3			11	1.5					1.8	5	0.6			1.2	brake fluid, power steering & coolant
23-Sep-11	7:58	307	25	1	7.2	7.1				80	51	3.1							1	0.3	3.7	4	0.6	3	0.2	2.9	20L pail, plastic jugs[power wash, fast orange]
23-Sep-11	8:04	308	26	1	13.2	13.4				100	4	0.5							7	3.6	9.3			2	0.1	9.2	oily, aviation oil and filters
23-Sep-11	8:09	309	27	1	9.4	9.7				100	75	6.3	2	2	8	1.3					2.1	1	0.2	10	0.5	1.4	plastic jugs
23-Sep-11	8:16	310	28	1	11.2	11.3				100	75	5.9			1	0.2					5.2	9	1.2			4	plastic, plastic oil pan
23-Sep-11	8:21	311	29	1	6.7	6.6				90	52	3.5							1	0.3	2.8	7	0.9			1.9	20L pail

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BRITISH COLUMBIA, CANADA

											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
23-Sep-11	8:25	312	30	1	5.9	6				60	35	4.9									1.1			4	0.3	0.8	engine flush
23-Sep-11	8:28	313	31	1	9	9				90	47	6.5							1	0.3	2.2			5	0.5	1.7	20L pail
23-Sep-11	8:32	314	32	1	9.4	9.6				90	78	8.8									0.8			2	0.1	0.7	plastic container (laundry soap), engine flush
23-Sep-11	8:36	315	33	1	12.7	12.6				90	7	1.6							22	6.4	4.6					4.6	small pails, plastic jugs, plastic bags
23-Sep-11	8:40	316	34	1	7.2	6.9				80	47	5.3									1.6	2	0.4	2	0.2	1	engine flush, radiator cleaner
23-Sep-11	8:46	317	35	1	8.3	8				100	59	7		1							1			2	0.2	0.8	oily
23-Sep-11	8:49	318	36	1	12.9	12.8				100	54	6.7			4	0.4			15	5.2	0.5					0.5	
23-Sep-11	8:54	319	37	1	4.8	4.5				80	2	0.2			26	3.8					0.5	2	0.2			0.3	
23-Sep-11	8:58	320	38	1	9.6	9.5				90	15	1.7			3	0.5			17	5.7	1.6	2	0.2			1.4	plastic jugs
23-Sep-11	9:03	321	39	1	9.5	9.5				100	107	8.5									1					1	
23-Sep-11	9:07	322	40	1	5	5.1				80	17	1.5			5	0.7					2.9					2.9	cut up pail, plastic jugs, plastic
23-Sep-11	9:10	323	41	1	8.9	9				90	94	7.5			1	0.2					1.3					1.3	plastic bags
23-Sep-11	9:15	324	42	1	10.7	10.7				90									14	5.1	5.6					5.6	55gal drum lid, small pails, plastic containers
23-Sep-11	9:20	325	43	1	11.8	11.8				100	17	5.8			2	0.4			14	4.6	1	4	0.2	2	0.2	0.6	plastic jugs
23-Sep-11	9:26	326	44	1	9.3	9.4				90	70	8			1	0.2					1.2			6	0.3	0.9	
23-Sep-11	9:31	327	45	1	11.9	12			5	100	11	1.5			19	3			15	5.2	2.3	1	0.1			2.2	plastic
23-Sep-11	9:35	328	46	1	8.3	8.4				100	38	6.5			5	0.8					1.1	3	0.4	1	0.2	0.5	
23-Sep-11	9:40	329	47	1	9.7	9.7				100	31	7.1			2	0.4			3	1.3	0.9					0.9	milk jug, plastic jugs
23-Sep-11	9:43	330	48	1	5.7	5.8				80	34	3.4			2	0.3					2.1	1	0.2	2	0.2	1.7	pop bottles, plastic jugs
23-Sep-11	9:48	331	49	1	9.3	9.3				90	134	8.2			2	0.4					0.7					0.7	
23-Sep-11	9:53	332	50	1	10.3	10.5				100	85	6.4			14	2.2					1.9			19	0.8	1.1	
23-Sep-11	9:57	333	51	1	9.2	9.2	y			80	63	6.1									3.1			10	0.5	2.6	plastic wrappers, gloves, paper, plastic
23-Sep-11	10:02	334	52	1	7	7.3				100	40	6									1.3			7	0.5	0.8	
23-Sep-11	10:06	335	53	1	6	5.8				90	33	2.4									3.4	11	1.4	2	0.1	1.9	plastic jugs
23-Sep-11	10:10	336	54	1	7.1	6.9				90	26	4.5			3	0.5					1.9					1.9	oily, plastic jugs
23-Sep-11	10:13	337	55	1	5.9	5.9				100	40	3.9			2	0.4					1.6	12	1.4			0.2	
23-Sep-11	10:18	338	56	1	8.2	8				90	43	4.8			7	0.9					2.3	7	1	1	0.1	1.2	plastic
23-Sep-11	11:06	339	57	1	6.8	6.8		10		100	35	5.3			5	0.5					1	2	0.2			0.8	plastic bags
23-Sep-11	11:12	340	58	1	8.5	8.6				90	100	7.1			4	0.6					0.9	3	0.4	1	0.1	0.4	
23-Sep-11	11:16	341	59	1	11.4	11.5				100	80	8	4		1	0.3			5	2.1	1.1	1	0.2			0.9	plastic jugs
23-Sep-11	11:19	342	60	1	8	8.2		5		100	71	4.6			2	0.4					3.2	5	1			2.2	sm milk bottles, 20L pail
23-Sep-11	11:23	343	61	1	9.8	10	y			90	19	3.8			2	0.4					5.8			4	0.3	5.5	plastic, plastic jugs, garbage
23-Sep-11	11:28	344	62	1	4.2	4.1	y			50	26	3									1.1			4	0.2	0.9	plastic bags, coffee cups, pen
23-Sep-11	11:31	345	63	1	10.3	9.8				90	37	6			1	0.2			10	3	0.6					0.6	oily, ice cream containers, plastic bags, milk jugs
23-Sep-11	11:35	346	64	1	7.3	7.2				80	97	6.3									0.9	5	0.4			0.5	brake fluid
23-Sep-11	11:39	347	65	1	5.4	5.3				75	43	4.6			3	0.5					0.2					0.2	
23-Sep-11	11:41	348	66	1	9.3	8.7				90	130	8.5									0.2					0.2	oily
23-Sep-11	11:44	349	67	1	9.6	9.4				100	49	8.1							2	0.5	0.8					0.8	milk jug
23-Sep-11	11:47	350	68	1	5.7	5.6				90	25	3.6									2	8	1.1			0.9	plastic wrappers, plastic jugs
23-Sep-11	11:49	351	69	1	6.8	6.6		20		100	70	3.9			6	0.8					1.9	9	1.1	5	0.3	0.5	
23-Sep-11	11:53	352	70	1	8.3	8.3				100	29	6.8			3	0.5					1	1	0.2			0.8	milk jug, plastic container(paint thinner)
23-Sep-11	11:56	353	71	1	9.3	9.2				100	30	6.2			1	0.2			4	1.3	1.5	2	0.4			1.1	plastic containers
23-Sep-11	11:59	354	72	1	8.5	8.6	y			100	43	6.2			2	0.3					2.1			2	0.1	2	plastic wrappers, gloves, garbage
23-Sep-11	12:02	355	73	1	8.6	8.4				100	31	5.4			5	0.8			2	0.5	1.7	1	0.2			1.5	plastic wrappers and containers, gloves
23-Sep-11	12:06	356	74	1	8.9	8.9				90	56	6.8	2		4	0.6					1.5	5	0.6	7	0.4	0.5	
23-Sep-11	12:10	357	75	1	6.9	7				75	18	2.9			2	0.7					3.4					3.4	plastic
23-Sep-11	12:14	358	76	1	9.3	9.2				100	113	8.5			1	0.1					0.6	1	0.1			0.5	
23-Sep-11	12:17	359	77	1	7.1	7.3				100	46	4.9			6	0.9					1.5	1	0.2	7	0.5	0.8	plastic jugs, milk jugs
23-Sep-11	12:21	360	78	1	6.9	7.2			5	90	47	5.9			2	0.4					0.9	2	0.4			0.5	
23-Sep-11	12:25	361	79	1	7.1	7.1				90	37	5.3									1.8	1	0.2	2	0.2	1.4	oily, juice bottles, plastic jugs
23-Sep-11	12:29	362	80	1	4.2	4.3				50	30	2.4			2	0.4					1.5	7	0.9	1	0.1	0.5	brake fluid
23-Sep-11	12:32	363	81	1	6.1	6.1				90	27	5.4									0.7					0.7	

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BRITISH COLUMBIA, CANADA

											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
23-Sep-11	12:35	364	82	1	5.7	5.7				80	48	3.3									2.4	5	0.6	11	1.5	0.3	
23-Sep-11	12:39	365	83	1	7.3	7.1				100	45	6.2			2	0.2					0.7			1	0.1	0.6	
23-Sep-11	12:42	366	84	1	7.8	7.6				100	36	5.6									2	3	0.5			1.5	milk jugs, plastic jugs, plastic
23-Sep-11	12:47	367	85	1	7.4	7.3			5	100	18	2.8			3	0.4			1	0.3	3.8	1	0.1			3.7	plastic containers, 20L pail
23-Sep-11	12:54	368	86	1	8.1	7.9				100	59	5			4	0.5					2.4					2.4	transmission filters, diesel exhaust fluid
23-Sep-11	12:59	369	87	1	6.6	6.5				80	52	3.7			4	0.6					2.2					2.2	brake fluid, radiator treatment
23-Sep-11	13:02	370	88	1	5.9	5.9				100	18	4.5									1.4	7	1			0.4	
23-Sep-11	13:04	371	89	1	6.6	6.8				100	42	5.9			2	0.4					0.5					0.5	brake fluid
23-Sep-11	13:07	372	90	1	7.4	7.6				90	30	5.7									1.9			8	0.5	1.4	milk jug, plastic, engine flush
23-Sep-11	13:10	373	91	1	7.5	7.6		25		90	68	6.1			3	0.5					1	2	0.4	1	0.3	0.3	
23-Sep-11	13:14	374	92	1	5.4	5.4				50	3	0.6									4.8					4.8	aviation oil
23-Sep-11	13:16	375	93	1	8.3	8.1				100	47	5.1									3					3	milk jugs, 10L gas can, plastic
23-Sep-11	13:23	376	94	1	6	6.2				90	29	3.4									2.8	3	0.5	2	0.2	2.1	oily, plastic jugs and containers
23-Sep-11	13:25	377	95	1	9.1	9.2				100	50	5.7			5	0.9			1	0.2	2.4			1	0.1	2.3	plastic containers (laundry soap), funnel
23-Sep-11	13:28	378	96	1	5.8	5.8				90	29	3.6			3	0.5			1	0.5	1.2	5	0.7			0.5	
23-Sep-11	13:32	379	97	1	4.6	4.7				50	39	3.1			1	0.2					1.4	7	1			0.4	brake fluid
23-Sep-11	13:34	380	98	1	5.5	5.7				80	33	3.6									2.1	6	0.8	2	0.2	1.1	
23-Sep-11	13:37	381	99	1	6.2	6.3				90	42	4.5			5	0.7					1.1	3	0.4			0.7	plastic
23-Sep-11	13:41	382	100	1	6.6	6.4				90	22	4.6			1	0.2					1.6	2	0.3			1.3	plastic jugs
23-Sep-11	13:42	383	101	1	7.6	7.4				100	36	6.3			4	0.4					0.7	1	0.2			0.5	
23-Sep-11	13:45	384	102	1	7	6.7				90	49	4.9			1	0.1					1.7			4	0.2	1.5	oily, brake fluid, plastic
23-Sep-11	13:48	385	103	1	7.5	7.3				90	27	4.2			1	0.1			1	0.3	2.7	1	0.1			2.6	plastic containers (cat litter)
26-Sep-11	6:21	386	1	1	8.3	8.3				90	46	6.4			8	1.2					0.7	1	0.2			0.5	
26-Sep-11	6:24	387	2	1	9.3	9.1				100	85	8.4									0.7			2	0.2	0.5	oily, plastic bags
26-Sep-11	6:27	388	3	1	8.3	8		20		100	67	5.6			11	1.6					0.8	1	0.1			0.7	aerosol cans, small bucket, pop bottle
26-Sep-11	6:32	389	4	1	7.5	7.4			5	100	29	6.3			1	0.1					1	1	0.1			0.9	brake fluid
26-Sep-11	6:35	390	5	1	8.6	8.5				100	65	8.1	1		1	0.1					0.3					0.3	
26-Sep-11	6:36	391	6	1	7	6.8				90	20	4.4			14	2.1					0.3					0.3	
26-Sep-11	6:40	392	7	1	9	8.8				90	72	6.8			9	1.3					0.7			2	0.1	0.6	
26-Sep-11	6:43	393	8	1	6.8	6.8				90	19	4.5			13	1.9					0.4	1	0.1			0.3	
26-Sep-11	6:46	394	9	1	7.1	7.1				100	62	5.5			1	0.1					1.5					1.5	brake fluid, container caps
26-Sep-11	6:49	395	10	1	8.1	8.1			5	90	82	5.1			3	0.5					2.5	4	0.2			2.3	diesel exhaust fluid, brake fluid
26-Sep-11	6:54	396	11	1	5.3	5.4			5	80	5	0.5			17	2.6					2.3	4	0.6			1.7	plastic jugs, brake fluid
26-Sep-11	6:56	397	12	1	10.5	10.3				100	31	6.6			6	1.5					2.2					2.2	milk jug, plastic oil pan
26-Sep-11	7:00	398	13	1	4.9	4.9			10	90	2	0.1			22	3.3					1.5	4	0.5			1	engine flush
26-Sep-11	7:04	399	14	1	9.8	9.8				100	60	5.4			2	0.3					4.1	30	1.9			2.2	oily, brake fluid, plastic
26-Sep-11	7:08	400	15	1	8.2	8.1				90	57	6.6			8	1.1					0.4	1	0.1			0.3	
26-Sep-11	7:11	401	16	1	8	7.8				100	42	7.3			1	0.1					0.4	2	0.2			0.2	
26-Sep-11	7:14	402	17	1	5.9	5.7				100	18	4.5			2	0.4					0.8					0.8	plastic jugs (milk, paint thinner)
26-Sep-11	7:17	403	18	1	5.2	5.1			5	60	48	4.3			2	0.3					0.5	1	0.2			0.3	
26-Sep-11	7:18	404	19	1	9.3	9.1		30		100	40	4.6			1	0.1					4.4	1	0.1			4.3	plastic oil pans
26-Sep-11	7:21	405	20	1	9.8	9.8				100	52	5.8			11	1.5			1	0.2	2.3			1	0.1	2.2	aerosol cans, metal containers
26-Sep-11	7:25	406	21	1	6.1	6.1				90	17	3.7			1	0.5			3	0.9	1					1	plastic bucket, aerosol can
26-Sep-11	7:28	407	22	1	8.3	8.1				100	32	6.3			2	0.5			1	0.2	1.1	1	0.2	2	0.2	0.7	plastic jugs
26-Sep-11	7:32	408	23	1	6	5.8		10		90	52	5.1									0.7			2	0.2	0.5	
26-Sep-11	7:35	409	24	1	4.6	4.4				90	2	1.9			11	1.5					1	4	0.5			0.5	brake fluid
26-Sep-11	7;37	410	25	1	6.4	6.3				100	37	4.9			2	0.4					1	2	0.5			0.5	oily, plastic jugs
26-Sep-11	7:41	411	26	1	7.9	7.9				90	31	6.4									1.5			6	0.4	1.1	
26-Sep-11	7:43	412	27	1	10.2	10.1				100	95	7.6									2.5	17	0.9			1.6	plastic bags, plastic
26-Sep-11	7:50	413	28	1	4.9	4.9				80	25	2.1			13	1.8					1	4	0.5			0.5	
26-Sep-11	7:52	414	29	1	8.9	8.9				100	27	2.2			6	0.8			8	2.6	3.3	13	1.7			1.6	brake fluid, water bottles
26-Sep-11	7:55	415	30	1	10.5	10.5				100	140	10			1	0.1					0.4			1	0.1	0.3	

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BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
26-Sep-11	8:00	416	31	1	7.8	7.9				100	57	3.8			5	0.2					3.9	10	1.5	13	0.5	1.9	radiator additive, brake fluid, plastic
26-Sep-11	8:04	417	32	1	9.8	9.8				100	70	5			9	1.5					3.3	1	0.1			3.2	brake fluid, plastic, filters
26-Sep-11	8:08	418	33	1	6.4	6.2				80	31	5.7									0.5					0.5	engine flush
26-Sep-11	8:10	419	34	1	8.2	8.1				90	60	5.6			3	0.5					2			1	0.1	1.9	20L pail, plastic jugs[milk, cleaner]
26-Sep-11	8:17	420	35	1	7.9	7.9				90	64	5.1			12	1.9					0.9					0.9	brake fluid, plastic jugs
26-Sep-11	8:21	421	36	1	9.5	9.3				100	53	3.5			1	0.1			2	0.6	5.1	12	1.6	5	0.3	3.2	20L pails, plastic
26-Sep-11	8:25	422	37	1	7.8	7.7			5	90	84	6.9			1	0.1					0.7	1	0.1			0.6	water bottle, milk jug
26-Sep-11	8:28	423	38	1	9.3	9.1				90	42	7.1			1	0.1					1.9			4	0.2	1.7	engine flush, plastic, milk jugs
26-Sep-11	8:33	424	39	1	7.6	7.5				75	54	4.3			1	0.1					3.1	4	0.5	4	0.2	2.4	20L jug
26-Sep-11	8:37	425	40	1	8.4	8.5	y			90	23	2.3			15	2.2					4	1	0.1	35	1.7	2.2	engine flush, cups, plastic bags
26-Sep-11	8:42	426	41	1	8.9	8.7				90	50	3.3			17	1.9					3.5			27	1	2.5	brake fluid, plastic jugs, radiator additive, plastic
26-Sep-11	8:49	427	42	1	5.7	5.6		5		80	7	0.9			7	1.1					3.6	19	3			0.6	
26-Sep-11	8:53	428	43	1	5.7	5.8				80	28	5			1	0.1					0.7					0.7	
26-Sep-11	8:55	429	44	1	4.7	4.7				80	14	1.5			3	0.4					2.8	14	1.9	3	0.2	0.7	
26-Sep-11	8:58	430	45	1	7.1	6.9				90	40	4.8									2.1	13	1.8			0.3	
26-Sep-11	9:00	431	46	1	7.9	7.9		20		100	68	5.4			8	1.1					1.4	7	0.9			0.5	
26-Sep-11	9:04	432	47	1	6.1	6			5	75	34	2.2			1	0.1					3.7	25	1.5			2.2	brake fluid
26-Sep-11	9:09	433	48	1	9.8	9.7				100	83	6.8			6	0.9					2			7	0.3	1.7	brake fluid, plastic jugs
26-Sep-11	9:13	434	49	1	6.2	6.4				80	27	3.4			3	0.5					2.5	9	1.5	1	0.1	0.9	plastic jugs
26-Sep-11	9:17	435	50	1	4.3	4.4				60	23	2.6			3	0.5					1.3	4	0.5			0.8	plastic jugs (fast orange), brake fluid
26-Sep-11	9:20	436	51	1	7.9	7.7				90	37	4.9			4	0.5					2.3	4	0.5			1.8	20L jug (brake fluid)
26-Sep-11	9:22	437	52	1	5.4	5.3				80	36	3.3			2	0.2					1.8	1	0.2			1.6	plastic jugs (juice, kerosene, cleaner)
26-Sep-11	9:26	438	53	1	8	8.1				90	11	1			2	0.3					6.8	18	2.5	1	0.1	4.2	plastic, plastic jugs
26-Sep-11	9:31	439	54	1	4.9	4.8				60	16	4.3			1	0.1					0.4					0.4	
26-Sep-11	9:32	440	55	1	5.1	5				75	31	3.9							1	0.3	0.8					0.8	spray bottle, bucket, pop can
26-Sep-11	11:01	441	56	7&8	5.8	5.5				50	13	1.8			3	0.7					3			2	0.4	2.6	plastic containers
26-Sep-11	11:04	442	57	7&8	9.2	8.9	y			90	47	3.9			1	0.2					4.8					4.8	plastic, buckets, plastic jugs, filters, wrappers, garbage (wrappers, plastic)
26-Sep-11	11:10	443	58	7&8	8.1	7.8				100	26	2.5			4	0.5					4.8					4.8	oily, 20L plastic gas can, plastic jugs/containers
26-Sep-11	11:14	444	59	7&8	12.8	12.7				75	10	0.9							33	11.2	0.6					0.6	
26-Sep-11	11:17	445	60	7&8	4.8	4.5				90	23	4									0.5					0.5	
26-Sep-11	11:19	446	61	7&8	8	7.9				90	78	6.9			2	0.3					0.7					0.7	oily
26-Sep-11	11:23	447	62	7&8	5.3	5				75	17	4.3			3	0.4					0.3					0.3	
26-Sep-11	11:25	448	63	7&8	6.6	6.5				75	56	3.1			8	1.1					2.3	1	0.1	3	0.1	2.1	plastic oil pan, garbage, plastic
26-Sep-11	11:28	449	64	7&8	6.1	6				80	22	5.5			1	0.2					0.3					0.3	

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BRITISH COLUMBIA, CANADA

											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
26-Sep-11	11:30	450	65	7&8	5.1	5				75	41	3.6									1.4	9	1.1			0.3	
26-Sep-11	11:32	451	66	7&8	3.7	3.7				75	10	1.3			10	1.5					0.9					0.9	
26-Sep-11	11:35	452	67	7&8	13.2	13.3				80	6	1.5							33	11.3	0.5					0.5	
26-Sep-11	11:37	453	68	7&8	5.6	5.4				75	20	2.4			1	0.1			1	0.3	2.6	6	0.8			1.8	plastic containers (soap, avaition oil)
26-Sep-11	11:39	454	69	7&8	4.3	4.2				75	10	1.9			20	2					0.3			1	0.1	0.2	
26-Sep-11	11:42	455	70	7&8	4.4	4.4				75	22	2.2			2	0.2					2	6	0.6			1.4	plastic
26-Sep-11	11:44	456	71	7&8	5.5	5.4				75	44	4.3			6	0.9					0.2					0.2	
26-Sep-11	11:46	457	72	7&8	7.5	7.3				75	58	5.3			2	0.3					1.7			13	0.7	1	brake fluid, radiator additive
26-Sep-11	11:48	458	73	7&8	5.2	5.2				75	37	3			10	1.3					0.9			1	0.1	0.8	
26-Sep-11	11:51	459	74	7&8	4.2	4.1				60	11	3.7			2	0.2					0.2					0.2	
26-Sep-11	11:53	460	75	7&8	7.1	6.9				80	23	6.6									0.3					0.3	
26-Sep-11	11:55	461	76	7&8	4	3.8				75	17	3.3									0.5					0.5	
26-Sep-11	11:56	462	77	7&8	5	5.1				75	14	3.6									1.5					1.5	plastic jugs
26-Sep-11	11:57	463	78	7&8	6.8	6.8				75	62	6.4									0.4			2	0.2	0.2	
26-Sep-11	12:00	464	79	7&8	7.3	7.4				75	14	2			3	0.5			10	3.4	1.5	2	0.3			1.2	milk jugs
26-Sep-11	12:03	465	80	7&8	4.3	4.2				75	12	3.3			2	0.3					0.6	1	0.2			0.4	milk jug
26-Sep-11	12:07	466	81	7&8	8.5	8.5				80	84	7.8			1	0.1					0.6			1	0.1	0.5	
26-Sep-11	12:10	467	82	7&8	6.5	6.5				80	53	5.8									0.7			2	0.2	0.5	
26-Sep-11	12:14	468	83	7&8	5.5	5.6				80	21	3.9							3	1	0.7					0.7	
26-Sep-11	12:15	469	84	7&8	6.8	6.8				75	6	1.4									5.4					5.4	aviation oil
26-Sep-11		470	85	7&8	8.3	8.3				80											8.3					8.3	aviation oil
26-Sep-11	12:19	471	86	7&8	3.5	3.5	y			50											3.5					3.5	plastic wrappers and containers, gloves, paint brushes, garbage, bottles
26-Sep-11	12:20	472	87	7&8	6.3	6.3				75	1	0.2									6.1					6.1	aviation oil
26-Sep-11	12:21	473	88	7&8	5.5	5.2				75	48	4.5									0.7			1	0.1	0.6	plastic jugs
26-Sep-11	12:24	474	89	7&8	6.2	6				75	10	1.5			5	0.7			11	3.5	0.3					0.3	
26-Sep-11	12:26	475	90	7&8	6.9	6.9				75	19	1.9			3	0.4			4	1.3	3.3					3.3	plastic bags, cardboard packaging, bucket
26-Sep-11	12:27	476	91	7&8	6.1	5.9				80	60	5									0.9	2	0.3			0.6	
26-Sep-11	12:30	477	92	7&8	4.5	4.6				60	11	1.8							2	0.5	2.3					2.3	buckets
26-Sep-11	12:31	478	93	7&8	5.9	5.6				75	22	4.6			1	0.2					0.8	1	0.2			0.6	
26-Sep-11	12;33	479	94	7&8	4.6	4.6				75	25	4.1									0.5					0.5	
26-Sep-11	12:35	480	95	7&8	6.3	6.1				80	59	5.5			2	0.3					0.3					0.3	
26-Sep-11	12:37	481	96	7&8	4.8	4.5				80	25	2.6			3	0.3					1.6	1	0.1			1.5	
26-Sep-11	12:40	482	97	7&8	4.8	4.7				75	12	2			1	0.2					2.5			1	0.1	2.4	plastic jugs, buckets
26-Sep-11	12:43	483	98	7&8	11.4	11.2				90	5	0.5			11	1.7			25	8.1	0.9					0.9	
26-Sep-11	12:47	484	99	7&8	5.8	5.7		30	5	75	18	2.7			9	1.2					1.8					1.8	plastic
26-Sep-11	12:49	485	100	7&8	6.4	6.3				75	21	2.7			1	0.1			2	0.6	2.9					2.9	20L pail X2, plastic jugs
26-Sep-11	12:51	486	101	7&8	4.2	4				60	21	3			3	0.5			1	0.2	0.3					0.3	
26-Sep-11	12:53	487	102	7&8	5.3	5.2				75	31	3			3	0.4					1.8	6	0.7	1	0.1	1	milk jugs, plastic jugs, plastic
26-Sep-11	12:55	488	103	7&8	7.8	7.8				90	35	3.8			4	0.5			1	0.3	3.2	3	0.5			2.7	10L plastic gas can, plastic jugs
26-Sep-11	13:01	489	104	7&8	6.3	6.4		40		80	51	5.6			2	0.2					0.6	3	0.4			0.2	
26-Sep-11	13:05	490	105	7&8	4.6	4.5				80	18	2.2			2	0.2					2.1	11	1.5			0.6	pop bottles, plastic jugs
26-Sep-11	13:08	491	106	7&8	7	6.8				90	33	6.2			1	0.1					0.5			1	0.2	0.3	
26-Sep-11	13:10	492	107	7&8	5.2	5				75	19	4.8									0.2					0.2	
26-Sep-11	13:11	493	108	7&8	5.4	5.4				75	14	2.1									3.3	11	1.4			1.9	plastic jugs
26-Sep-11	13:13	494	109	7&8	1.4	1.4				20	16	1.1									0.3	1	0.1			0.2	
26-Sep-11	13:14	495	110	7&8	4.6	4.5				75	16	2.6			1	0.2					1.7	11	1.5			0.2	
26-Sep-11	13:15	496	111	7&8	6.1	6				90	40	5.7									0.3					0.3	
26-Sep-11	13:17	497	112	7&8	4.5	4.8				80	26	2.8			6	1.3					0.7					0.7	
26-Sep-11		498	113	7&8	6.9	6.9	y			75											6.9					6.9	garbage, plastic, plastic bags
26-Sep-11	13:20	499	114	7&8	5.3	5.1				80	16	4			1	0.2					0.9	5	0.6			0.3	
26-Sep-11	13:22	500	115	7&8	3.9	3.7				75	29	3									0.7					0.7	plastic jugs

RAW DATA
GENERAL BAG CHARACTERISTICS
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
MERLIN PLASTICS																											
24-Oct-11	9:05	1	1	1	7.6	7.6				90	90	6.2			1	0.1					1.3					1.3	
24-Oct-11		2	2	1	6.7	6.2				90	58	4.5			6	0.9					0.8	1	0.1	4	0.2	0.5	
24-Oct-11		3		1	6.4	6.4				100	19	3			16	2.4					1	1	0.1			0.9	
24-Oct-11		4		1	8	7.9				100	74	6.6			2	0.2			1	0.2	0.9	2	0.2			0.7	
24-Oct-11		5		1	3	3				25	31	2.9									0.1					0.1	
24-Oct-11		6		1	7.7	7.6				90	82	6.7			4	0.5					0.4					0.4	
24-Oct-11		7		1	6	5.9				85	29	2.4			2	0.3			5	1.5	1.7	8	1			0.7	
24-Oct-11		8		1	2	3.9					7	0.6			6	1					2.3	1	0.1			2.2	
24-Oct-11		9		1	4.4	4.3					11	0.6			1	0.2					3.5	21	2.8			0.7	
24-Oct-11		10		1	9.3	9.2	y			100	1	0.2									9					9	power tools, garbage, cleaner
24-Oct-11		11		1	8.2	8.2				95	52	5.4			2	0.4					2.4	1	0.2			2.2	
24-Oct-11		12		1	6.9	6.9				80	57	5.7			5	0.8					0.4					0.4	oil, atf
24-Oct-11	10:02	13		1	6.7	6.8				90	61	5			4	0.6					1.2					1.2	
24-Oct-11		14		1	8.1	8				100	95	7.3			3	0.3					0.4					0.4	
24-Oct-11		15		1	4.9	5	y			60	38	2.4									2.6	13	1.5			1.1	dye, brake fluid
24-Oct-11		16		1	7.4	7.2				90	24	3.7			12	1.6			3	0.8	1.1	2	0.2			0.9	2 pails
24-Oct-11		17		1	8.3	8.3				85	54	4.2	1								4.1					4.1	refridgerant lube, rear axle lube
24-Oct-11		18		1	7	7.1			10	85	36	3			7	1.2					2.9	6	0.9			2	
24-Oct-11		19		1	6.6	6.5				90	64	4.6			4	0.5					1.4			4	0.2	1.2	
24-Oct-11		20		1	5.4	5.5				90	42	4.2			1	0.1					1.2	5	0.7			0.5	
24-Oct-11		21		1	6.4	6.3				80	50	4.8			4	0.6					0.9	4	0.5			0.4	
24-Oct-11		22		1	8.3	8.4				95	65	6.7			2	0.4					1.3					1.3	
24-Oct-11		23		1	7.6	7.8				85	36	2.8			6	0.9			1	0.3	3.8					3.8	brake fluid
24-Oct-11	10:47	24		1	6.4	6.2			1	85	41	4.3			6	1					0.9	1	0.1			0.8	
24-Oct-11	10:51	25		1	6.4	6.2				85	53	4.3			9	1.3					0.6	2	0.2			0.4	
24-Oct-11		26		1	8.2	7.8				100	38	5.1			1	0.2					2.5					2.5	
24-Oct-11		27		1	6.8	6.8	y			85	30	3.9							1	0.3	2.6					2.6	
24-Oct-11		28		1	9.8	9.8				90	84	6.2									3.6					3.6	
24-Oct-11		29		1	4.1	4			5	50	20	1.3			2	0.3					2.4	10	1.3			1.1	
24-Oct-11		30		1	5.9	5.7				75	43	3.7			5	0.7					1.3	8	0.8			0.5	
24-Oct-11		31		1	6.4	6.3				85	41	4.7			4	0.4			1	0.2	1	4	0.5			0.5	ONE PAIL
24-Oct-11		32		1	4.5	4.4				80	20	2.4			4	0.5					1.5	10	1.1			0.4	
24-Oct-11		33		1	6.7	6.6				100	21	3.3			14	2.3					1	1	0.1			0.9	UNMARKED CONTAINERS
24-Oct-11		34		1	4.9	5				85	74	4			2	0.3					0.7					0.7	FAST ORANGE
24-Oct-11		35		1	4.1	4				50	15	3.3									0.7					0.7	
24-Oct-11	11:28	36		1	6.6	6.5				90	54	5.4			1	0.1					1	4	0.5			0.5	
24-Oct-11	11:31	37		1	5.6	5.7				100	41	4.5			5	0.7					0.5					0.5	
24-Oct-11		38		1	6.1	6				90	57	3.3									2.7					2.7	ENGINE FLUSH
24-Oct-11		39		1	5	5.1				80					17	3.4					1.7	4	0.5			1.2	BRAKE ROTOR CASES
24-Oct-11		40		1	3.9	3.9			5	60	16	2			5	1					0.9	3	0.2			0.7	SOAP, BRAKE FLUID
24-Oct-11		41		1	6.6	6.7				80	45	3.6									3.1					3.1	ENGINE FLUSH
24-Oct-11		42		1	4.7	4.6				80	36	3.7			6	0.6					0.3					0.3	
24-Oct-11		43		1	6.2	6.1				100	104	5.6									0.5					0.5	
24-Oct-11		44		1	5.4	5.2				90	17	1.3			11	1.6			1	0.3	2	12	1.6			0.4	
24-Oct-11		45		1	6.1	6.2				80	28	4.9			3	0.5					0.8	3	0.5			0.3	
24-Oct-11		46		1	7.3	7.5				90	52	6.5			1	0.2			1	0.3	0.5			1	0.1	0.4	ONE PAIL, MOTOR FLUSH
24-Oct-11		47		1	5.9	5.9				100	51	4			15	1.4					0.5					0.5	MOTOR FLUSH
24-Oct-11	12:05	48		1	6.4	6.4				85	58	4.7			4	0.6					1.1					1.1	BRAKE FLUID, RUBBER LUBE
24-Oct-11	12:09	49		1	5.9	6				75	58	5.1									0.9					0.9	GEAR OIL, PESTICIDE,
24-Oct-11		50		1	5.4	5.6				75	59	4.5			3	0.5					0.6			2	0.2	0.4	
24-Oct-11		51		1	6.2	6.2	Y			75	46	4			1	0.1			1	0.4	1.7					1.7	

RAW DATA
GENERAL BAG CHARACTERISTICS
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
24-Oct-11		52		1	6	5.8				100	40	3.9			5	0.7					1.2					1.2	CANOLA OIL, KEROSENE
24-Oct-11		53		1	5.2	5				90	17	1.5			8	1.2					2.3	8	1			1.3	BRAKE FLUID
24-Oct-11	12:25	54		1	6.3	6.1				100	34	3.3			7	1.1					1.7					1.7	DIESAL EXHAUST CLEANER
24-Oct-11	13:06	55		1	7.2	7.1				100	26	3.1			16	2.5					1.5					1.5	NO LABELS
24-Oct-11		56		1	5.2	5.1				90	18	1.5			12	1.7					1.9					1.9	
24-Oct-11		57		1	6.1	6.1				90	49	3.6			5	0.8					1.7					1.7	BRAKE FLUID, DIESEL EXHAUST FLUID
24-Oct-11		58		1	5.2	5.1				90	65	4.1			3	0.5					0.5					0.5	
24-Oct-11		59		1	7.1	7.3				100	43	3.1			16	2.5					1.7					1.7	BRAKE FLUID
24-Oct-11		60		1	6.7	6.8				90	61	6.5									0.3					0.3	
24-Oct-11		61		1	6.2	6.3				90	49	4.6									1.7	9	1.3			0.4	
24-Oct-11		62		1	4.4	4.1				80	30	3.2									0.9	1	0.1			0.8	PAINT THINNER
24-Oct-11		63		1	7.3	7.1				100	76	6			2	0.3					0.8	3	0.4			0.4	NO LABEL
24-Oct-11		64		1	6.2	6				80	60	5.1			2	0.3					0.6	3	0.4			0.2	
24-Oct-11		65		1	6.6	6.5				90	11	2.9							9	2.9	0.7					0.7	
24-Oct-11	13:36	66		1	5.8	5.5				100	31	2.7									2.8			2	0.2	2.6	ENGINE FLUSH
24-Oct-11		67		1	5.3	5.2				90	43	2.5									2.7					2.7	ENGINE FLUSH
24-Oct-11		68		1	5.6	5.5				100	74	4.1									1.4					1.4	ENGINE FLUSH
24-Oct-11		69		1	6.5	6.4				90	42	3			1	0.2					3.2					3.2	BRAKE FLUID
24-Oct-11		70		1	5.9	5.7				100	35	4.4			5	0.7					0.6			2	0.1	0.5	
24-Oct-11		71		1	2.8	2.7				75	5	0.4			6	0.8					1.5	8	1	1	0.1	0.4	
24-Oct-11		72		1	7.1	7.1				100	71	6.1			1	0.1					0.9			1	0.1	0.8	BRAKE FLUID
24-Oct-11		73		1	6.1	6.1				100	38	4.6			4	0.5					1					1	NO LABEL. BRAKE CLEANER
24-Oct-11		74		1	9.3	9.1				100	14	2.7							14	5.2	1.2			1	0.2	1	
24-Oct-11	14:01	75		1	4.9	5.1				100	24	1.9			6	0.8					2.4	10	1.4	7	0.5	0.5	
24-Oct-11	14:05	76		1	6.1	6.1				100	50	2.7									3.4			1	0.1	3.3	ENGINE FLUSH
24-Oct-11		77		1	4.5	4.5		50		75	32	2.8			6	0.8					0.9					0.9	soap
24-Oct-11		78		1	6.4	6.4				75	72	5.9									0.5					0.5	
24-Oct-11		79		1	6.2	6.2				90	59	3.3			3	0.5					2.4	4	0.5			1.9	brake fluid, rad flush
24-Oct-11		80		1	5.9	5.9				90	25	2.3			3	0.5					3.1	9	0.9			2.2	brake fluid
24-Oct-11		81		1	6.6	6.8				100	82	6.1			1	0.2					0.5					0.5	
24-Oct-11		82		1	7.2	7.2				90	24	2.2			2	0.4			7	2.2	2.4	2	0.3			2.1	paint thinner, one bucket
24-Oct-11		83		1	6.4	6.3				100	44	5.3			1	0.2					0.8	3	0.5			0.3	
24-Oct-11		84		1	5.2	5.3				90	31	3.3			2	0.4					1.6	8	1.2			0.4	
24-Oct-11		85		1	11.7	12				80	9	1.5			1	0.2			25	8.5	1.8			2	0.5	1.3	
24-Oct-11		86		1	4.9	5.3				80	17	2			8	1.3			1	0.3	1.7	3	0.5	5	0.5	0.7	
24-Oct-11		87		1	3.4	3.4				50	2	1.3							2	0.6	1.5					1.5	2 pails
24-Oct-11		88		1	4.8	5				100	21	1.7			6	1.2					2.1	10	1.2	1	0.1	0.8	degreaser
24-Oct-11		89		1	4.7	4.6				90	18	2.7			10	1.3					0.6					0.6	brake cleaner
24-Oct-11		90		1	7.7	7.7				100	38	5.3	2		4	0.6					1.8			2	0.1	1.7	
24-Oct-11		91		1	6.3	6.1				100	78	4.5									1.6					1.6	
24-Oct-11		92		1	5.5	5.4				100	68	3.5									1.9					1.9	
24-Oct-11		93		1	2.5	2.4				50	3	0.5			7	1.1					0.8	1	0.1	7	0.5	0.2	
24-Oct-11	15:00	94		7	6.5	6.5				80	19	4.1									2.4	1	0.2	1	0.1	2.1	detergent, soap
24-Oct-11		95		7	6.9	6.8				80	48	4.1			1	0.2					2.5					2.5	paint thinner
24-Oct-11		96		7	5.6	5.7				80	42	4									1.7	10	1.4			0.3	
24-Oct-11		97		7	5.4	5.7				100	26	3.9			2	0.4					1.4	2	0.4			1	milk, juice containers
24-Oct-11		98		7	6.4	6.6				100	15	1.5			16	2.6			5	1.5	1	2	0.4			0.6	
24-Oct-11		99		7	7.9	8.3				100	55	4.5			12	1.6			1	0.4	1.8					1.8	BRAKE FLUID
24-Oct-11		100		7	5.6	5.4				90	52	3.6			6	0.8					1					1	
24-Oct-11		101		7	4.9	4.8				80	19	3.1			3	0.5					1.2	1	0.1			1.1	
24-Oct-11		102		7	6.3	6.3				100	30	5			2	0.4					0.9			1	0.1	0.8	
24-Oct-11		103		7	6.4	6.5				90	31	4.5									2	1	0.2			1.8	brake fluid, detergent, protien powder

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											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
24-Oct-11		104		7	8.9	8.8				100	21	2.4							19	6.1	0.3					0.3	
24-Oct-11		105		7	7.2	7.2				100	28	3.9			2	0.3			8	2.6	0.4					0.4	
24-Oct-11		106		7	8.3	8.4				100	19	2.4							13	4.4	1.6					1.6	jerry can
24-Oct-11		107		7	10.7	10.9				100	57	6.1			2	0.4			12	3.8	0.6	1	0.2			0.4	
24-Oct-11		108		7	4.1	4.3				75	14	2.4			5	0.8			1	0.4	0.7	2	0.3			0.4	no label
24-Oct-11		109		7	9	9.1				100	15	2.3							21	6.4	0.4					0.4	
24-Oct-11		110		7	4.9	5				100	20	3.1			5	0.9			1	0.3	0.7					0.7	no label
24-Oct-11		111		7	6.4	6.5				100	1	0.1									6.4					6.4	no labels
24-Oct-11		112		7	9.4	9.7				100	14	2.7			1	0.2			17	5.3	1.5	2	0.3	4	0.2	1	motor flush
24-Oct-11		113		7	6.4	6.7				100	23	4.2			2	0.4					2.1	4	0.7			1.4	
24-Oct-11		114		7	8.3	8.5				100	10	3			6	1.1			9	3.1	1.3					1.3	no label
24-Oct-11		115		7	10.1	10.1	y			100	22	2.2			5	0.8			18	5.4	1.7					1.7	engine treatment
24-Oct-11	16:04	116		7	7.7	7.4				90	25	2.9							12	3.8	0.7					0.7	jerry can
24-Oct-11		117		7	4.1	4.1				75	16	3			2	0.3					0.8	3	0.5			0.3	brake fluid
24-Oct-11		118		7	7.3	7.3				100	76	5.8									1.5					1.5	
24-Oct-11		119		7	4.3	4.1				75	15	1.9			5	0.8			3	0.9	0.5	2	0.2			0.3	
24-Oct-11		120		7	7.3	7.1				100	45	3.3							2	0.6	3.2					3.2	brake fluid, coolant system cleaner
25-Oct-11	7:45	121	1	7	11.6	11.5				80	16	2.4			3	0.5			26	8.3	0.3					0.3	
25-Oct-11		122	2	7	7.3	7.2	y			80	70	5			3	0.4					1.8			2	0.1	1.7	garbage
25-Oct-11		123	3	7	5.4	5.6				75	25	3.4									2.2	1	0.2			2	milk jugs, other plastic jugs, juice
25-Oct-11		124	4	7	12.4	12.5				100	29	6.1			1	0.2			11	3.5	2.7					2.7	oily
25-Oct-11		125	5	7	5.1	5.1				75	19	3.3			3	0.5			2	0.8	0.5	1	0.2			0.3	
25-Oct-11		126	6	7	10.4	10.4				80	13	0.8			9	1.3			21	7.6	0.7	1	0.3			0.4	
25-Oct-11		127	7	7	7	7.1				80											7.1					7.1	13 large 20L plastic jugs
25-Oct-11	8:03	128	8	7	5.8	5.6				80	21	3.9			1	0.2					1.5	4	0.5	5	0.2	0.8	
25-Oct-11		129	9	7	6.2	6.4				80	24	2.5			11	1.8			4	1.5	0.6	1	0.2	2	0.1	0.3	
25-Oct-11		130	10	7	4.1	4.1				80	20	2									2.1			2	0.2	1.9	engine flush, diesel exhaust fluid
25-Oct-11	8:13	131	11	7	7.6	7.6				75	36	2.4			8	1.1			8	3.2	0.9	2	0.2	3	0.2	0.5	plastic
25-Oct-11		132	12	7	6.8	7				90	24	4.4			5	0.8					1.8	1	0.3			1.5	plastic containers
25-Oct-11		133	13	7	5.4	5.5				80	38	3.2									2.3	15	1.6	1	0.2	0.5	
25-Oct-11	8:20	134	14	7	5.9	6				90	21	2.7			8	1.2					2.1	10	1.4	2	0.1	0.6	
25-Oct-11		135	15	7	4.5	4.5				50	29	2.5			3	0.5					1.5	8	1.2			0.3	
25-Oct-11	8:24	136	16	7	4.5	4.6				80	13	1.9			8	1.2					1.5					1.5	plastic containers
25-Oct-11		137	17	7	4.8	5				90	18	1.5			11	2					1.5	3	0.5	5	0.5	0.5	
25-Oct-11		138	18	7	3.7	3.7				75					1	0.2					3.5					3.5	bleach containers
25-Oct-11	8:30	139	19	7	2.9	3.1				50	11	1.6			2	0.5					1	2	0.5			0.5	
25-Oct-11		140	20	7	6.1	6				75	40	4.8			4	0.6					0.6			3	0.2	0.4	
25-Oct-11		141	21	7	3.9	3.8				75	19	1.3			4	0.6					1.9	13	1.6			0.3	
25-Oct-11	8:35	142	22	7	3.7	3.7				75	24	2.1			5	0.8					0.8					0.8	milk jugs, other plastic jugs, juice
25-Oct-11		143	23	7	8.1	7.9				80	35	6.6		1	2	0.3					1	3	0.6			0.4	
25-Oct-11	8:39	144	24	7	5.3	5.2				75	22	2.2			11	1.8					1.2					1.2	diesel exhaust fluid 10L
25-Oct-11		145	25	7	6.1	6.1				80	19	4			1	0.3					1.8	2	0.4			1.4	plastic containers (milk, ice cream, waterproofer)
25-Oct-11	8:42	146	26	7	7	6.9				90	73	6			1	0.1			1	0.3	0.5					0.5	
25-Oct-11		147	27	7	5.4	5.2		25		80	31	2.1			10	1.5			1	0.2	1.4	1	0.2			1.2	plastic and bubble wrap
25-Oct-11	8:48	148	28	7	6.2	6.2				80	15	4.1			7	1.6					0.5					0.5	gloves, plastic, plastic wrap
25-Oct-11		149	29	7	4.4	4.4				75	20	3.5			3	0.6					0.3					0.3	
25-Oct-11	8:50	150	30	7	8	8				90	87	7									1					1	plastic
25-Oct-11		151	31	7	5.2	5.3				80	28	2.9									2.4	1	0.3			2.1	oil cleaner, engine flush
25-Oct-11		152	32	7	1.9	1.9				30	8	1.6			1	0.2					0.1					0.1	
25-Oct-11	8:57	153	33	7	5.8	5.6				75	79	4.7			2	0.3					0.6					0.6	
25-Oct-11		154	34	7	10.6	10.6				100	33	7.7			5	0.5			5	1.5	0.9					0.9	
25-Oct-11	9:01	155	35	7	7.3	7.3				90	18	2.8									4.5					4.5	20L pail, plastic oil pan, plastic containers, juice, milk

RAW DATA
GENERAL BAG CHARACTERISTICS
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
25-Oct-11		156	36	7	5.4	5.3				80	21	4.8									0.5					0.5	
25-Oct-11	9:05	157	37	7	7.6	7.6		15		75	10	2.3			13	2.1			8	2.6	0.6	1	0.1			0.5	
25-Oct-11		158	38	7	6.8	6.7				80	51	4.9			2	0.3			1	0.4	1.1	1	0.2			0.9	plastic containers (milk, methyl hydrate etc)
25-Oct-11	9:09	159	39	7	6	5.9	y			80	49	4.4			6	0.9					0.6					0.6	plastic wrap, gloves, garbage
25-Oct-11		160	40	7	6.1	6.1	y			80	51	4.4			4	0.4					1.3	1	0.2	1	0.1	1	plactic wrap, plastic bags
25-Oct-11	9:14	161	41	7	7.5	7.6				90	18	4			1	0.2			7	2.3	1.1					1.1	laundry soap
25-Oct-11		162	42	7	8.8	8.9				90	100	8.6									0.3					0.3	
25-Oct-11	9:18	163	43	7	2.4	2.4				40	2	0.4			8	1.2					0.8	7	0.7			0.1	
25-Oct-11		164	44	7	5.5	5.6				75	28	2.2			1	0.2					3.2	16	2.3			0.9	
25-Oct-11	9:21	165	45	7	3.6	3.8		10		50	20	1.4			2	0.3					2.1	11	1.3			0.8	brake fluid
25-Oct-11		166	46	7	6.3	6.5				80	40	4.5			2	0.3					1.7	8	1.1			0.6	
25-Oct-11		167	47	7	4.7	4.6				50	62	3.4			3	0.5					0.7	1	0.1			0.6	
25-Oct-11		168	48	7	5.8	5.8	y	25		80	26	2.5			4	0.5					2.8	8	1			1.8	plastic wrap, gloves, garbage
25-Oct-11	9:29	169	49	7	5.9	5.9				75	20	3.8			2	0.2					1.9	1	0.2			1.7	milk jugs, other plastic jugs, juice , gas jug
25-Oct-11		170	50	7	7.2	7.3				80	81	6.4			1	0.2					0.7	2	0.3			0.4	
25-Oct-11	9:33	171	51	7	4.3	4.3				75	22	2.2									2.1					2.1	engine flush
25-Oct-11		172	52	7	4.8	4.9				75	75	4.2									0.7	1	0.2			0.5	
25-Oct-11	9:37	173	53	7	7.3	7.3				75	11	1.3			7	1.1			12	4.1	0.8	2	0.3			0.5	
25-Oct-11		174	54	7	7	7				80	13	2.9			1	0.2			2	0.6	3.3					3.3	plastic containers (fast orange, buckets), plastic
25-Oct-11		175	55	7	5.6	5.6				80	19	4									1.6					1.6	plastic bucket, plastic containers (soap, bleach etc)
25-Oct-11	9:42	176	56	7	7.2	7.2				80	73	5.6			1	0.1					1.5					1.5	plastic containers
25-Oct-11		177	57	7	4.8	4.8				90	10	1.2			7	1.1					2.5	12	1.9			0.6	plastic containers
25-Oct-11	9:47	178	58	7	7.3	7.3		75		80	21	3.1							12	4	0.2					0.2	
25-Oct-11	10:10	179	59	1	7	7.1				80	31	5.6			1	0.3					1.2	2	0.3			0.9	bucket, pop bottles
25-Oct-11		180	60	1	4.8	5				75	39	3.6			5	0.7					0.7					0.7	
25-Oct-11	10:14	181	61	1	6.8	7				80	22	5.3			2	0.4					1.3					1.3	plastic bags
25-Oct-11		182	62	1	5.4	5.7				75	44	3.2			3	0.6					1.9	2	0.4			1.5	aerosol cleaner, plastic containers
25-Oct-11	10:19	183	63	1	5.9	5.8		25		75	90	5									0.8			1	0.2	0.6	plastic
25-Oct-11		184	64	1	5.2	5.3				80	15	3.9			4	0.7					0.7	3	0.5			0.2	brake fluid
25-Oct-11	10:23	185	65	1	3.8	3.9				60	22	1.9			1	0.2					1.8			7	1.3	0.5	
25-Oct-11		186	66	1	7.1	7.1				80	57	4.1									3	2	0.3			2.7	plastic toys, plastic containers
25-Oct-11	10:28	187	67	1	5.7	5.7	y			80	38	2.6	1		9	1.3					1.8	1	0.3			1.5	plastic wrap, bubble wrap, garbage, brake fluid
25-Oct-11		188	68	1	8.6	8.6				80	30	2.4			2	0.3					5.9	5	0.7	2	0.1	5.1	headlight, plastic, sm. Pail
25-Oct-11	10:33	189	69	1	7.8	7.9				80	60	5			5	0.8					2.1			8	1.4	0.7	power steering flush
25-Oct-11		190	70	1	6.8	6.8				80	84	5.7									1.1	1	0.1	1	0.2	0.8	plastic spray bottle
25-Oct-11	10:39	191	71	1	8.7	8.6				80	72	6.5			3	0.5					1.6			11	1.1	0.5	aerosol can
25-Oct-11		192	72	1	4.6	4.7				75	28	1.9									2.8	2	0.3			2.5	plastic containers (base adjuster, coating remover)
25-Oct-11	10:44	193	73	1	3.4	3.3	y			50	38	2.3									1					1	plastic wrap, bucket, plastic paint tray
25-Oct-11		194	74	1	5.4	5.6				75	33	2.9			2	0.4			1	0.3	2	3	0.4	1	0.1	1.5	20L pail
25-Oct-11	10:48	195	75	1	6.5	6.6	y			90	27	2.1			5	0.8			1	0.3	3.4	3	0.4			3	20L pail, plastic, plastic containers (soap, bleach)
25-Oct-11		196	76	1	4.4	4.5				75	18	2.8									1.7	9	1.2			0.5	
25-Oct-11	10:52	197	77	1	6.4	6.3		75		80	72	5.7									0.6			6	0.3	0.3	
25-Oct-11		198	78	1	6.4	6.4				75	66	5.8									0.6			2	0.1	0.5	
25-Oct-11		199	79	1	7.8	7.9				80	86	7.4									0.5					0.5	
25-Oct-11	12:08	200	80	1	4.2	4.3				80	16	1.1			7	0.9					2.3	7	1	12	0.8	0.5	
25-Oct-11		201	81	1	1.7	1.8				30	11	1.4			1	0.1					0.3					0.3	
25-Oct-11	12:12	202	82	1	6.7	6.8				80	74	5.7			5	0.8					0.3					0.3	
25-Oct-11		203	83	1	6.4	6.5		50		80	66	5.3			2	0.5					0.7			7	0.5	0.2	plastic bags
25-Oct-11	12:17	204	84	1	5.9	6		75		75	70	5.2									0.8			2	0.2	0.6	plastic
25-Oct-11		205	85	1	4	4.2				75	32	2.4									1.8			1	0.1	1.7	plastic wrap and bags
25-Oct-11	12:20	206	86	1	6	6.2				75	74	4.9			2	0.5					0.8	1	0.2			0.6	
25-Oct-11		207	87	1	5.8	5.8				80	78	5.2									0.6					0.6	

RAW DATA
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BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
25-Oct-11	12:25	208	88	1	8.3	8.4			5	80	16	4.1	1		3	0.5			12	3.3	0.5					0.5	
25-Oct-11		209	89	1	6.5	6.5			10	90	43	4.8			7	1.2					0.5					0.5	milk jugs
25-Oct-11	12:29	210	90	1	8.2	8.4				80	66	5			2	0.3					3.1	2	0.4	1	0.1	2.6	plastic containers
25-Oct-11		211	91	1	6.1	6.2	y			80	27	2.4			11	1.8					2					2	plastic wrap, plastic tubing, plastic bags, plastic containers
25-Oct-11	12:34	212	92	1	8.5	8.7				90	42	3.5			8	1.5					3.7					3.7	plastic bags, garbage, plastic
25-Oct-11		213	93	1	6.9	6.8				80	55	4.1									2.7					2.7	plastic containers
25-Oct-11	12:39	214	94	1	5.1	5.4				75	31	2.8			4	0.6					2			15	1.6	0.4	
25-Oct-11	12:47	215	95	1	4.6	4.5				80	22	2.7			2	0.1			1	0.3	1.4					1.4	plastic containers
25-Oct-11		216	96	1	4.8	4.8				80	54	3.8			2	0.2					0.8	2	0.3	1	0.1	0.4	
25-Oct-11	12:49	217	97	1	10.5	10.5				90	28	3			3	3.9	1	1			3.6					3.6	plastic containers
25-Oct-11		218	98	1	5.8	5.7				80	72	4			4	0.5					1.2					1.2	plastic
25-Oct-11	12:54	219	99	1	2.5	2.6				40	17	2.3			1	0.2					0.1					0.1	
25-Oct-11		220	100	1	5.5	5.5				75	68	5									0.5			1	0.1	0.4	
25-Oct-11	12:58	221	101	1	5.9	5.8		75		80	84	5									0.8			4	0.2	0.6	plastic
25-Oct-11		222	102	1	6.5	6.7				75	47	3.4			1	0.2			1	0.2	2.9	2	0.2			2.7	
25-Oct-11	13:04	223	103	1	5.4	5.4				80	3	0.5			2	0.2					4.7	4	0.5			4.2	plastic containers (mixing base, coating remover)
25-Oct-11		224	104	1	6.4	6.3				80	16	4.9			1	0.2					1.2					1.2	
25-Oct-11	13:07	225	105	1	7.1	7		25		80	97	6.7									0.3			2	0.1	0.2	
25-Oct-11	13:10	226	106	1	5.9	5.9		40		80	70	5.3									0.6			2	0.1	0.5	plastic
25-Oct-11	13:12	227	107	1	5.2	5.1				80	4	0.3									4.8	2	0.3			4.5	plastic containers (mixing base, coating remover)
25-Oct-11	13:14	228	108	1	4.6	4.6				80	31	3.9			3	0.4					0.3					0.3	
25-Oct-11	13:16	229	109	1	6.4	6.3				75	70	5.6									0.7					0.7	
25-Oct-11	13:18	230	110	1	1	1				15	4	0.9									0.1					0.1	
25-Oct-11	13:18	231	111	1	5.9	5.8				80	25	3.4			12	1.8					0.6	2	0.3			0.3	
25-Oct-11	13:20	232	112	1	8.5	8.4				60	3	0.8							24	7.3	0.3					0.3	
25-Oct-11	13:22	233	113	1	4.4	4.4				80					27	4.1					0.3					0.3	
25-Oct-11	13:24	234	114	1	6.6	6.5				80	32	2.6			1	0.1			6	1.8	2	4	0.8			1.2	20L blue water jug
25-Oct-11	13:26	235	115	1	4.5	4.6		20		60	56	4.4									0.2					0.2	
25-Oct-11	13:28	236	116	1	5.9	5.8				75	11	0.9			10	1.7			3	1	2.2	5	0.6			1.6	20L cleaner container
25-Oct-11	13:30	237	117	1	6.6	6.7				80	27	6.1			2	0.3					0.3					0.3	
25-Oct-11	13:31	238	118	1	10.8	10.7				90	16	2.6							19	6.7	1.4	4	0.6	4	0.5	0.3	brake cleaner, plastic containers
25-Oct-11	13:34	239	119	1	6.9	6.9				80	68	6			1	0.2					0.7	1	0.2			0.5	
25-Oct-11	13:36	240	120	1	6.9	6.8				80	50	5.8			3.5						1					1	plastic bags, milk jugs, plastic containers
25-Oct-11	13:39	241	121	1	2.4	2.4				30	6	2.3									0.1					0.1	
25-Oct-11	13:40	242	122	1	4.4	4.4				80	9	1			11	1.7			2	0.5	1.2					1.2	water containers 4L
25-Oct-11	13:42	243	123	1	4.6	4.7				80	9	0.7			5	0.5					3.5	18	2.8	4	0.2	0.5	yogurt and milk containers
25-Oct-11		244	124	1	5.2	5.2		20		80	73	4.4			1	0.2					0.6			1	0.1	0.5	
25-Oct-11	13:49	245	125	1	6.1	6.2		20		80	71	5.8									0.4			2	0.1	0.3	
25-Oct-11	13:56	246	126	1	6.4	6.6		25		75	66	5.6			1	0.1					0.9			2	0.1	0.8	plastic
25-Oct-11	13:58	247	127	1	6.4	6.5				80	78	6.3									0.2					0.2	
25-Oct-11		248	128	1	6.4	6.6				80	58	4.8			4	0.7					1.1					1.1	plastic
25-Oct-11	14:01	249	129	1	5.4	5.5				90	19	1.4			12	1.1					3	14	2.2			0.8	power steering flush, coolant flush
25-Oct-11	14:05	250	130	1	6.3	6.3				75	9	1.7			6	0.9			9	3.1	0.6					0.6	
25-Oct-11	14:07	251	131	1	6.7	6.7		25		80	71	5.9									0.8			3	0.2	0.6	plastic
25-Oct-11	14:09	252	132	1	5.2	5.3				75	70	4.4			2	0.4					0.5			1	0.2	0.3	
25-Oct-11	14:11	253	133	1	7.9	8				90	98	7.8									0.2					0.2	
25-Oct-11	14:14	254	134	1	8	8.1				80	91	7.2									0.9			2	0.2	0.7	methyl hydrate
25-Oct-11	14:16	255	135	1	5.2	5.3				80	15	2			17	2.8					0.5					0.5	plastic wrap
25-Oct-11	14:18	256	136	1	6	6.2		10		90	25	4.1			5	0.9					1.2	6	0.8			0.4	
25-Oct-11	14:22	257	137	1	5.4	5.5		40		75	43	3.8			2	0.4					1.3	1	0.3	5	0.5	0.5	
25-Oct-11	14:25	258	138	1	7.2	7.2				90	86	6.9									0.3					0.3	
25-Oct-11	14:27	259	139	1	7.2	7.2				90	87	6.6									0.6	2	0.3			0.3	

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BRITISH COLUMBIA, CANADA

											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
25-Oct-11	14:29	260	140	1	5.8	5.6				90	24	4			4	0.5			2	0.5	0.6					0.6	water containers 4L, pop bottles
25-Oct-11	14:32	261	141	1	4.8	4.7				80	45	3.2			12	0.8					0.7			1	0.1	0.6	power steering flush, coolant flush
25-Oct-11	14:34	262	142	1	5.7	5.6				90	32	3.9			3	0.5					1.2	7	0.9			0.3	
25-Oct-11	14:36	263	143	6	9.4	9.4				90	12	3.4							18	5.8	0.2					0.2	
25-Oct-11	14:43	264	144	6	7.3	7.2				90	13	2.7			3	0.5					4	17	2.4	10	0.5	1.1	plastic wrap, plastic
25-Oct-11	14:46	265	145	6	7.3	7.3				75	2	0.5			5	0.7			13	4.2	1.9			1	0.3	1.6	plastic containers
25-Oct-11	14:48	266	146	6	6.9	7.1				90	24	4.2			3	1.2			4	1.4	0.3					0.3	
25-Oct-11	14:50	267	147	6	5.5	5.3			10	90	13	3			12	1.8					0.5					0.5	plastic wrappers
25-Oct-11	14:52	268	148	6	3.8	3.6				50	24	3.4									0.2					0.2	
25-Oct-11	14:53	269	149	6	1.2	1.1				40	2	0.5			2	0.2					0.4	3	0.3			0.1	
25-Oct-11	14:55	270	150	6	11.2	11				100	73	6			7	1.2			8	2.6	1.2					1.2	brake fluid, plastic containers
25-Oct-11	14:59	271	151	6	5.5	5.5		100		90					16	2.3					3.2	20	2.4			0.8	plastic containers
25-Oct-11	15:01	272	152	6	4.9	4.7				75	51	3.4			1	0.1					1.2	7	0.8	2	0.1	0.3	
25-Oct-11	15:04	273	153	6	5.1	5.2				80	22	3.9			2	0.4					0.9	1	0.2			0.7	fuel and metal conditioner
25-Oct-11	15:12	274	154	6	5.2	5.3				80	12	1.4			9	1.5			4	1.3	1.1	2	0.3			0.8	
26-Oct-11	7:40	275	1	6	6	6				80	20	4.2			5	1					0.8	2	0.4			0.4	
26-Oct-11		276	2	6	10	10				75	63	6.4									3.6			1	0.2	3.4	metal oil filters
26-Oct-11		277	3	6	7.3	7.1				80	7	0.7			3	0.5			15	4.6	1.3	8	1.1			0.2	
26-Oct-11	7:45	278	4	6	2.5	2.5				60					5	0.7					1.8	11	1.6			0.2	
26-Oct-11		279	5	6	5.6	5.8				80	15	2.4			1	0.1			8	2.7	0.6	1	0.1			0.5	plastic container
26-Oct-11		280	6	6	4.3	4.5				70	8	1.8			14	2.2					0.5					0.5	plastic container
26-Oct-11	7:49	281	7	s	4.7	4.7				80	7	0.8			11	1.7					2.2	14	1.9			0.3	
26-Oct-11		282	8	6	6.2	6.4				80	58	4.3			8	1.2					0.9	1	0.2			0.7	
26-Oct-11		283	9	6	7.6	7.7				80	9	2							11	3.6	2.1			2	0.7	1.4	Large plastic containers
26-Oct-11	7:55	284	10	6	10.6	10.8		10		100	27	5.4			2	0.4			11	3.4	1.6	2	0.4	3	0.7	0.5	
26-Oct-11		285	11	6	8.4	8.1				80	12	1.6							19	6.1	0.4					0.4	
26-Oct-11	7:58	286	12	6	8.4	8.4				80	92	7.7									0.7	1	0.2			0.5	
26-Oct-11		287	13	6	6.6	6.5				75	64	5.8									0.7	1	0.1			0.6	
26-Oct-11		288	14	6	5.4	5.4				80	26	3.3			4	0.5			4	1.2	0.4	1	0.2			0.2	
26-Oct-11	8:04	289	15	6	3.9	3.8				75	6	1.6			4	1.5					0.7					0.7	
26-Oct-11		290	16	6	5.9	6.1				90	10	2			1	0.2					3.9	19	2.7			1.2	Plastic bag
26-Oct-11	8:07	291	17	6	7.3	7.3				80	24	3.2			5	0.7			10	3	0.4	1	0.1			0.3	
26-Oct-11		292	18	6	4.6	4.5				80	24	3			2	0.2					1.3	2	0.5	3	0.2	0.6	plastic
26-Oct-11	8:11	293	19	6	7.6	7.6		10		90	43	3.2			3	0.5					3.9	22	3.4			0.5	
26-Oct-11		294	20	6	5.4	5.4				80	29	3.3			1	0.2			4	1.4	0.5					0.5	
26-Oct-11	8:15	295	21	6	6	6				80	18	4			1	0.2			5	1.6	0.2					0.2	
26-Oct-11		296	22	6	5.2	5.4				80	14	1.6			6	1.2					2.6	3	0.5	2	0.2	1.9	plastic containers and sm. Buckets, camp fuel metal containers
26-Oct-11	8:19	297	23	6	10.2	10.3				75	4	1.1			2	0.7			25	8	0.5					0.5	
26-Oct-11		298	24	6	10.3	10.5	y			100	21	4.4			2	0.4					5.7	18	2.7	4	0.2	2.8	plastic, pop cans, plastic bags
26-Oct-11	8:24	299	25	6	10.3	10.3				80	21	3.5							18	6.2	0.6					0.6	
26-Oct-11		300	26	6	7.1	7				80	22	5.1							5	1.6	0.3					0.3	
26-Oct-11	8:26	301	27	6	6	6.1		10		80	40	4.7			1	0.2					1.2	1	0.2			1	plastic containers
26-Oct-11		302	28	6	4.5	4.5				80	18	1.7			5	0.8					2	12	1.6			0.4	plastic containers
26-Oct-11	8:31	303	29	6	4.2	4.1				80	7	1.6			5	2					0.5					0.5	
26-Oct-11		304	30	6	6.1	6.2				50	5	0.5			9	1.5			11	3.4	0.8	1	0.1	1	0.5	0.2	
26-Oct-11	8:33	305	31	6	6.6	6.5				80	13	2.4			8	1.3			7	2.2	0.6	2	0.3			0.3	
26-Oct-11		306	32	6	7.1	7.1				80	13	4.6		1					7	2.2	0.3					0.3	
26-Oct-11	8:37	307	33	6	3.3	3.3				90					4	0.6					2.7	16	2.2	1	0.1	0.4	
26-Oct-11		308	34	6	5.7	5.5				75	22	5.3									0.2					0.2	
26-Oct-11		309	35	6	5.5	5.5				80	31	3.5			7	1.2					0.8					0.8	diesel exhaust fluid 10L
26-Oct-11	8:42	310	36	6	6.5	6.7		40	5	90	3	0.4			14	2.2			3	0.9	3.2	17	2.4			0.8	
26-Oct-11		311	37	6	5.6	5.5		10		80	21	2.2			5	0.6					2.7	4	0.5	2	0.1	2.1	brake fluid, inhibitor, sealant

RAW DATA
GENERAL BAG CHARACTERISTICS
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
26-Oct-11		312	38	6	9.8	9.6				80		1.2			1	0.1			22	7.3	1	1	0.1			0.9	diesel exhaust fluid 10L
26-Oct-11	8:50	313	39	6	1.6	1.5				30	4	0.2			7	1					0.3	1	0.1			0.2	
26-Oct-11		314	40	6	7.8	7.5				90	19	2.5			7	1.1			10	3.2	0.7	2	0.2			0.5	
26-Oct-11		315	41	6	6.7	6.5				80	6	1			1	0.1			16	5	0.4					0.4	
26-Oct-11	8:55	316	42	6	12.3	12.1				90	17	1.9			1	0.1			30	9.4	0.7	2	0.2			0.5	
26-Oct-11		317	43	6	7.7	7.5		25		80	4	0.5								6.3	20	1	0.2			0.5	small pail
26-Oct-11		318	44	6	5.8	5.6				80	26	3.4			2	0.3			4	1.2	0.7	2	0.3			0.4	
26-Oct-11	9:00	319	45	6	5.1	4.9				80					14	2.1			4	1.3	1.5					1.5	diesel exhaust fluid 10L
26-Oct-11		320	46	6	5.6	5.6				90	13	3.5									2.1	2	0.4			1.7	canola oil, cat litter containers
26-Oct-11	9:04	321	47	6	5.1	5				80	30	3.3			2	0.3					1.4	6	0.8			0.6	cleaner
26-Oct-11		322	48	6	5.5	5.5				80									6	1.8	3.7					3.7	diesel exhaust fluid 10L
26-Oct-11	9:06	323	49	6	11.6	11.8				100	43	8.4		1	6	1.1			2	0.4	1.9	1	0.2			1.7	1/2 20L pail
26-Oct-11		324	50	6	5.3	5.3				80	17	3.6			6	1					0.7	1	0.2			0.5	
26-Oct-11		325	51	6	3.9	3.8				75	5	1			7	2.6					0.2					0.2	
26-Oct-11		326	52	6	5.9	5.8				80	23	5.6									0.2					0.2	
26-Oct-11	9:14	327	53	6	6.9	6.9				90	45	4.1		1	7	1.1					1.7	1	0.2			1.5	diesel exhaust fluid 10L
26-Oct-11		328	54	6	13.5	13.6	y	90		90	40	4.1			4	0.6					8.9	7	1.1	2	0.1	7.7	metal, plastic, plastic containers
26-Oct-11	9:20	329	55	6	9.3	9.4		25		100	37	7.3			8	1.3					0.8					0.8	
26-Oct-11		330	56	6	6	6				80	30	3.5			1	0.2					2.3	5	0.8			1.5	plastic containers
26-Oct-11	9:24	331	57	6	8.8	8.8				60	13	3.1							18	5.5	0.2					0.2	
26-Oct-11		332	58	6	7	7				75	11	1.6							16	5.1	0.3					0.3	
26-Oct-11	9:27	333	59	6	7.9	7.8				80	77	7.6									0.2					0.2	
26-Oct-11		334	60	6	4.5	4.6		20		80	24	3.9									0.7	3	0.5			0.2	
26-Oct-11	9:30	335	61	6	6.1	6				80	23	3			8	1.2			4	1.3	0.5					0.5	radiator flush
26-Oct-11		336	62	6	5.3	5.4				80	21	3.6			1	0.2					1.6	8	1.2			0.4	
26-Oct-11	9:34	337	63	6	9	8.9				90	23	4.3			3	0.5			10	3.3	0.8					0.8	
26-Oct-11		338	64	6	5.9	6				75	55	4.5			4	0.6					0.9	2	0.3			0.6	paint thinner
26-Oct-11	9:38	339	65	6	7.5	7.5				80	61	5.6			1	0.1					1.8	3	1.5			0.3	
26-Oct-11		340	66	6	5.4	5.3				80	17	3.2			2	0.3					1.8	4	0.6			1.2	
26-Oct-11		341	67	6	6.8	7				80	41	4.2							5	1.7	1.1					1.1	plastic containers
26-Oct-11	9:44	342	68	6	5.2	5.4				80	33	3.6			1	0.2					1.6	7	1.1			0.5	
26-Oct-11		343	69	6	4.8	5				80	15	2.5			2	0.4			5	1.4	0.7	1	0.2			0.5	
26-Oct-11	9:48	344	70	6	5.3	5				80	11	2.5			5	0.6					1.9	9	1.4			0.5	milk jugs
26-Oct-11		345	71	6	5.3	5.1				80	12	1.3			6	0.7					3.1	15	2			1.1	diesel exhaust fluid 10L
26-Oct-11	9:52	346	72	6	8	8				90	34	4.6			9	1.3			2	0.5	1.6			2	0.1	1.5	plastic
26-Oct-11		347	73	6	5.4	5.2	y			80	31	3.7			5	0.9					0.6					0.6	ice cream bucket, plastic, milk jug
26-Oct-11	9:56	348	74	6	4.4	4.2				60	22	1.9			6	1					1.3					1.3	plastic containers
26-Oct-11		349	75	6	7	7				80	68	5.6			6	0.8					0.6			1	0.1	0.5	
26-Oct-11	10:00	350	76	6	5.8	5.7				80	51	4			4	0.5					1.2					1.2	plastic bags and containers
26-Oct-11		351	77	6	3.5	3.4				60	47	3.3									0.1					0.1	
26-Oct-11	10:03	352	78	6	5.9	5.9		10	5	80	44	3.9			2	0.2					1.8	8	1.4			0.4	
26-Oct-11		353	79	6	7.3	7.1				80	68	5.4			6	0.8					0.9	3	0.4			0.5	
26-Oct-11	10:08	354	80	6	5.9	5.8				80	12	2.5									3.3	14	1.9	17	0.7	0.7	
26-Oct-11		355	81	6	6.5	6.4				80	62	5			5	0.7					0.7	3	0.4			0.3	
26-Oct-11	10:14	356	82	6	5.8	5.6				80	10	2.6			2	0.5					2.5	5	0.9			1.6	laundry soap, milk jugs, bleach, other plastic containers
26-Oct-11		357	83	6	3.1	3				60	6	0.3			2	0.3					2.4	14	1.8			0.6	
26-Oct-11	10:17	358	84	6	5.9	5.7		10		80	23	3.2			3	0.4					2.1	9	1.6			0.5	
26-Oct-11		359	85	6	2.4	2.4				30	13	1.5	1		5	0.7					0.2					0.2	
26-Oct-11		360	86	6	5.3	5			5	80	33	3.7			5	0.5					0.8					0.8	milk jugs, methyl hydrate
26-Oct-11	10:21	361	87	6	6.1	5.8				80	37	4.9			2	0.2					0.7					0.7	scooter gear tubes
26-Oct-11		362	88	1	5.8	5.6				80	17	1.1			9	1.3			2	0.5	2.7	1	0.1			2.6	pots for plants, buckets, plastic containers
26-Oct-11	10:29	363	89	1	5.7	5.5				75	10	2.6			1	0.1			7	2.3	0.5					0.5	

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											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
26-Oct-11		364	90	1	5.1	5.1				80	21	2			7	1					2.1	11	1.4			0.7	
26-Oct-11	10:31	365	91	1	4.7	4.7				75	15	2.6									2.1					2.1	plastic containers
26-Oct-11		366	92	1	5.9	5.8				80	65	4.8			4	0.5					0.5					0.5	
26-Oct-11	10:34	367	93	1	6.4	6.4				80	21	2.5			3	0.5					3.4					3.4	plastic containers and buckets
26-Oct-11		368	94	1	5.2	5				80	32	3.1			3	0.5					1.4	7	1.1			0.3	
26-Oct-11	10:39	369	95	1	4.3	4.1			5	75	5	0.6			14	2.1					1.4	5	1.1			0.3	
26-Oct-11		370	96	1	3.6	3.6				75	11	0.9			3	0.5					2.2	9	1.2			1	diesel exhaust fluid 10L
26-Oct-11	10:42	371	97	1	7.1	7				80	36	4.4									2.6					2.6	plastic containers
26-Oct-11		372	98	1	6.5	6.3				80	39	5			2	0.4					0.9	5	0.6			0.3	
26-Oct-11	10:45	373	99	1	5.4	5.3				80	30	3.7			2	0.3					1.3					1.3	plastic containers
26-Oct-11		374	100	1	7.4	7.3				80	30	3.2									4.1					4.1	plastic oil pan, wrappers
26-Oct-11	10:48	375	101	1	4.8	4.6				75	32	3.3			2	0.4					0.9	2	0.2			0.7	
26-Oct-11		376	102	1	6.1	6.1				80	35	3.1			3	0.5					2.5	14	1.7			0.8	plastic containers
26-Oct-11	10:53	377	103	1	6.2	6.1				80	21	3.8									2.3	5	0.6			1.7	oily
26-Oct-11		378	104	1	4	4				80	3	0.4			15	2.9					0.7	3	0.4			0.3	
26-Oct-11	11:32	379	105	1	7.1	7.2				80	52	4.8			2	0.8		1			1.6	1	0.2	13	0.8	0.6	
26-Oct-11		380	106	1	5.3	5.4				80	23	1.8			3	0.5					3.1	15	2			1.1	plastic, plastic bags
26-Oct-11	11:39	381	107	1	4.7	4.8				80	9	0.6			6	0.9					3.3	18	2.6	3	0.2	0.5	
26-Oct-11		382	108	1	5.3	5.1				80	10	0.5			19	2.8			3	0.9	0.9					0.9	brake flued
26-Oct-11	11;43	383	109	1	4.2	4.2			5	75	6	0.6			16	3.2					0.4	1	0.2			0.2	
26-Oct-11		384	110	1	7.4	7.6				80	77	6.5			3	0.5					0.6	1	0.2			0.4	
26-Oct-11	11:46	385	111	1	2	2.1				50	7	1.5									0.6	3	0.4			0.2	
26-Oct-11		386	112	1	3.4	3.5				60	34	2			4	0.7					0.8	2	0.3			0.5	
26-Oct-11	11:50	387	113	1	4.6	4.7		10	10	50	47	4.3									0.4					0.4	
26-Oct-11		388	114	1	7.6	7.6				80	31	5.6									2	1	0.2	2	0.1	1.7	cat litter
26-Oct-11	11:53	389	115	1	4.6	4.7				80	26	3.7			1	0.2					0.8					0.8	
26-Oct-11		390	116	1	5.3	5.4				80	14	1.8			6	1.4					2.2	10	1.3			0.9	
26-Oct-11	11:56	391	117	1	5.6	5.7				90	70	5.2									0.5					0.5	
26-Oct-11		392	118	1	7.2	7.2				80	13	2.4			6	1.4					3.4					3.4	plastics parts and containers
26-Oct-11	11:59	393	119	1	7.9	8		5		80	43	5.3	3		9	1.5					1.2					1.2	gloves, plastic, plastic wrap
26-Oct-11		394	120	1	5	5.2				80	31	2.2			5	0.8					2.2	12	1.5			0.7	plastic wrappers, plastic
26-Oct-11	12:03	395	121	1	7	6.9				80	59	4.4			10	1.6					0.9					0.9	plastic caps
26-Oct-11		396	122	1	10.4	10.4				80	2	0.5							29	9.6	0.3					0.3	
26-Oct-11		397	123	1	3.2	3.3				40	17	2.4			1	0.4					0.5					0.5	oily
26-Oct-11	12:07	398	124	1	2.4	2.4				40	9	1.7									0.7					0.7	brake fluid, metal tins
26-Oct-11		399	125	1	5.1	5				80	27	3.5									1.5	3	0.5			1	
26-Oct-11	12:11	400	126	1	5.4	5.3				80	21	1.5			2	0.5					3.3	10	1.2			2.1	plastic bags, plastic
26-Oct-11		401	127	1	2.9	2.9				50	7	1.4									1.5					1.5	milk jugs, plastic containers, buckets
26-Oct-11	12:13	402	128	1	5.6	5.7				80	15	1.2			4	0.7					3.8	5	0.8	1	0.1	2.9	plastic, plastic containers, diesel exhaust fluid 10L
26-Oct-11		403	129	1	5.6	5.6				80	45	3.7			3	0.5					1.4	8	0.9			0.5	
26-Oct-11	12:18	404	130	1	6.9	6.9				80	13	2.4									4.5					4.5	20 L plastic gas, containers
26-Oct-11		405	131	1	6.4	6.6				80	38	3.3							2	0.4	2.9					2.9	20 L pail , plastic containers
26-Oct-11		406	132	1	5.3	5.3				75	38	3.5			1	0.2					1.6			4	0.2	1.4	plastic containers
26-Oct-11	12:24	407	133	1	4.3	4.3				80	6	0.6			18	2.9					0.8	2	0.3			0.5	
26-Oct-11		408	134	1	4.5	4.5				80	4	0.6			3	0.5					3.4	18	1.9			1.5	diesel exhaust fluid 10L
26-Oct-11	12:27	409	135	1	9.5	9.4				80	42	4.6									4.8					4.8	metal oil filters
26-Oct-11	12:29	410	136	4&6	8.3	8.3		25		90	23	2.2			15	2.4					3.7	25	3.2			0.5	
26-Oct-11		411	137	4&6	9.5	9.7				100	26	6.1									3.6	4	0.6			3	plastic containers
26-Oct-11	12:35	412	138	4&6	7	7				100	41	3.3			7	1.3					2.4	14	2			0.4	
26-Oct-11	12:37	413	139	4&6	9.7	9.7				100	72	7.1			13	2					0.6					0.6	
26-Oct-11	12:39	414	140	4&6	6.8	7			5	90	51	4.1			5	0.8					2.1	12	1.6			0.5	
26-Oct-11	12:42	415	141	4&6	9.4	9.5				100	9	1.7			11	1.6			18	5.7	0.5					0.5	

RAW DATA
GENERAL BAG CHARACTERISTICS
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
26-Oct-11	12:44	416	142	4&6	12.5	12.5				100	10	2.7			11	1.6			19	6.5	1.7					1.7	plastic containers, milk jugs
26-Oct-11	12:46	417	143	4&6	7.9	8				100	58	7.1			1	0.2					0.7					0.7	plastic containers (windex, soap)
26-Oct-11	12:48	418	144	4&6	7.6	7.8				100	22	6.1			8	1.1					0.6	1	0.2			0.4	
26-Oct-11	12;50	419	145	4&6	5.4	5.3				90	32	4.8									0.5					0.5	
26-Oct-11	12:52	420	146	4&6	8.3	8.4				100	53	7.2			3	0.5					0.7					0.7	
26-Oct-11	12:55	421	147	4&6	9.3	9.3				100	63	7.5			2	0.4			1	0.4	1					1	oily, brake fluid
26-Oct-11	12:58	422	148	4&6	6.5	6.5				100	1	0.5			14	2.3					3.7	8	1.9			1.8	plastic containers
26-Oct-11	12:59	423	149	4&6	9.5	9.5		25		100	56	7.2									2.3					2.3	plastic containers
26-Oct-11	13:02	424	150	4&6	5.3	5.3				80	29	4.6			1	0.2					0.5					0.5	
26-Oct-11	13:04	425	151	4&6	7	7.1				100	45	6.3			2	0.3					0.5					0.5	
26-Oct-11	13:06	426	152	4&6	11.4	11.6				100	99	8.5							2	0.7	2.4					2.4	20 L pails
26-Oct-11	13:09	427	153	4&6	8.4	8.6				100	92	6.9			3	0.6			1	0.4	0.7					0.7	
26-Oct-11	13:12	428	154	4&6	11.1	11.3				100	26	6.7		1	8	1.7			3	1.1	1.8					1.8	plastic, plastic containers
26-Oct-11	13:14	429	155	4&6	8.3	8.1			5	90	43	5.4			6	0.8					1.9	2.4				1.9	plastic containers, beer cans, aerosol cans, pop bottles, brake fluid
26-Oct-11	13:17	430	156	4&6	7.5	7.6			10	100	12	1			24	4			2	0.7	1.9	6	0.9			1	20L pail
26-Oct-11	13:20	431	157	4&6	8	7.9				100	54	4.8			8	1.3					1.8	7	1.2			0.6	brake fluid
26-Oct-11	13;22	432	158	4&6	5.4	5.4				90	23	1.6			3	0.4					3.4	24	2.9			0.5	
26-Oct-11	13:24	433	159	4&6	5.9	5.8				100	39	3			4	0.6					2.2	4	0.6			1.6	plastic containers
26-Oct-11		434	160	4&6	7.7	7.8				100	54	4.3			4	0.6					2.9	13	1.7	1	0.1	1.1	plastic containers
26-Oct-11	13:30	435	161	4&6	7.8	7.7				100	28	4.4							7	2.4	0.9					0.9	
26-Oct-11	13:31	436	162	4&6	9.3	9.5				100	43	8.5									1					1	oily
26-Oct-11		437	163	4&6	8.1	8.2				100	41	3.2			9	1.4					3.6	23	3.1			0.5	
26-Oct-11	13:36	438	164	4&6	10.3	10.3				100	58	6.3			1	0.2			8	2.7	1.1	1	0.1			1	
26-Oct-11	13:40	439	165	4&6	9.5	9.5		10		100	22	4			11	1.6					3.9	14	1.8			2.1	aerosol cans, AT flush
26-Oct-11	13:44	440	166	4&6	9.3	9.4		25		100	61	5.5			17	2.8					1.1					1.1	plastic containers (degreaser etc)
26-Oct-11	13:48	441	167	4&6	9.1	9		10		100	23	4.3							11	3.8	0.9					0.9	
26-Oct-11	13:49	442	168	4&6	9.2	9.1				100	78	5.7			6	0.9					2.5	4	0.5			2	beer cans, plastic, rags, paper filter, brake fluid
26-Oct-11	13:52	443	169	4&6	8.3	8.3		75		100	19	1.4			9	1.3					5.6	27	3.7			1.9	20L plastic container, other plastic containers, brake fluid
26-Oct-11	13:55	444	170	4&6	6.7	6.5				100	19	3.4			5	0.7					2.4	5	0.7			1.7	oily, plastic containers
26-Oct-11	13:57	445	171	4&6	12.4	12.4				100	22	5.2							21	6.4	0.8					0.8	
26-Oct-11	14:00	446	172	4&6	7	7				90	29	6.4			1	0.2					0.4					0.4	
26-Oct-11	14;01	447	173	4&6	7.5	7.8				100	12	2.9			1	0.2			8	3.1	1.6	3	0.5			1.1	plastic containers
26-Oct-11	14:03	448	174	4&6	6.9	7.1				100	30	4			7	1.1					2	3	0.5			1.5	fast orang, water bottles, plastic caps, soap
26-Oct-11	14:05	449	175	4&6	8.4	8.4				100	54	3.9			13	1.8					2.7	11	1.7			1	plastic containers
26-Oct-11	14:08	450	176	4&6	5.1	5.3				90	8	0.5			4	0.6					4.2	26	3.6	1	0.1	0.5	
26-Oct-11	14:11	451	177	4&6	6.4	6.3				80	2	0.5			22	3.6			6	1.8	0.4					0.4	
26-Oct-11	14:13	452	178	4&6	5.4	5.5				90	30	2.1			7	1					2.4	12	1.5			0.9	degreaser, other plastic containers
26-Oct-11	14:15	453	179	4&6	7.5	7.5				100	30	6.6									0.9			2	0.1	0.8	
26-Oct-11	14:17	454	180	4&6	4.3	4.3			10	80	22	3.8									0.5					0.5	
26-Oct-11	14:18	455	181	4&6	7.6	7.5				100	15	1.2			2	0.4					5.9	3	0.5			5.4	oily, inhibitor
26-Oct-11	14:21	456	182	4&6	8.9	9		25		100	44	6.5			1	0.2					2.3					2.3	windex and other plastic containers
26-Oct-11	14:23	457	183	4&6	7	7				90	48	5.3			1	0.2					1.5					1.5	brake fluid, other plastic containers
26-Oct-11	14:26	458	184	4&6	6.9	7				100	47	5.8			1	0.2					1	3	0.5			0.5	
26-Oct-11	14:27	459	185	4&6	8.7	8.9	y			90	37	5.2									3.7	4	0.6			3.1	milk jugs, other plastic containers, plastic bags
26-Oct-11	14:31	460	186	4&6	8	7.8				90	62	4.2			8	1.4					2.2	2	0.4			1.8	plastic containers (power clean, rad flush etc)
26-Oct-11	14:34	461	187	4&6	10.2	10.2				100	25	2.7			7	0.8			15	4.1	2.6	6	0.5			2.1	
26-Oct-11	14:44	462	188	4&6	5.8	5.8		20		90	30	3.8			5	0.8					1.2	8	1.1			0.1	
26-Oct-11	14:46	463	189	4&6	10.6	10.6		25		100	28	6.1							3	0.9	3.6					3.6	milk jugs, other plastic containers, plastic bags, metal tins
26-Oct-11	14:48	464	190	4&6	7	7				90	48	4.1			3	0.5					2.4	4	0.5			1.9	20L brake fluid container
26-Oct-11	14:50	465	191	4&6	9.3	9.5				100	34	7.4			1	0.2					1.9	3	0.5			1.4	milk jugs, glass jar
26-Oct-11	14:52	466	192	4&6	4.4	4.6				90	22	1.5			5	0.7					2.4	11	1.5			0.9	
26-Oct-11	14:54	467	193	4&6	8.3	8.1				100	50	7.6									0.5					0.5	

RAW DATA
GENERAL BAG CHARACTERISTICS
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

											OIL CONTAINERS				ANTIFREEZE CONTAINERS				PAILS		NON-ELIGIBLE CONTAINERS						
Date:	Time	Bag #	Day Total	ZONE:	Total bag weight:	bag weight check	Significant Garbage	% crushed	% cut up	% Fullness of bag	# of oil containers	Weight of containers	> 1/2 full	1/4 full	# of containers	Weight of containers	> 1/2 full	1/4 full	# pail lids:	weight of pail lids	Total Weight of non-eligible mat.	Number of windshield wash containers	Weight of Windshield Wash Containers	Number gasoline/ oil additive containers	Weight of Gas Additive containers	other material	Description of other material
26-Oct-11	15:00	468	194	4&6	5.4	5.3				90	9	2.4			11	1.5					1.4	4	1			0.4	
26-Oct-11	15:16	469	195	4&6	9.3	9.4		50		100	40	2.8			5	0.9					5.7	35	5			0.7	
26-Oct-11	15:19	470	196	4&6	7.7	7.9				100	40	6.6			2	0.5					0.8	1	0.3			0.5	
26-Oct-11		471	197	4&6	5.6	5.6				100											5.6					5.6	juice, milk, laundry soap, other containers
26-Oct-11	15:23	472	198	4&6	9.1	8.9				100	74	7.3									1.6			1	0.1	1.5	plastic containers
26-Oct-11		473	199	4&6	5.6	5.6				100	15	1.6			2	0.3					3.7	25	3.3			0.4	
26-Oct-11	15:27	474	200	4&6	8.3	8.3				100	77	7.4			2	0.2					0.7			2	0.1	0.6	
26-Oct-11	15:30	475	201	4&6	8.2	8.2				90	52	7.5									0.7			3	0.2	0.5	
26-Oct-11	15:32	476	202	4&6	9.6	9.4				100	85	8.1									1.3			6	0.4	0.9	
26-Oct-11	15:34	477	203	4&6	10.9	10.7				100	74	8.9			5	0.8					1			8	0.4	0.6	
26-Oct-11	15:37	478	204	4&6	7.1	7.1				100	51	6.3									0.8			4	0.3	0.5	
26-Oct-11	15:39	479	205	4&6	5.4	5.3				100	2	0.3			5	0.7					4.3	29	3.8			0.5	
26-Oct-11	15:40	480	206	4&6	5.4	5.4				60	58	3.9			3	0.5					1	3	0.4			0.6	
26-Oct-11	15:43	481	207	4&6	6.5	6.6				100	38	5.2			3	0.4					1	3	0.3			0.7	
26-Oct-11	15:44	482	208	4&6	7.8	7.9				100	52	5.7			3	0.4					1.8					1.8	milk jugs, laundry soap
26-Oct-11	15:47	483	209	4&6	3.6	3.6				90	6	1.2			5	0.7					1.7	3	0.4			1.3	plastic containers
26-Oct-11	15:48	484	210	4&6	6.1	6.1				100	2	0.4			2	0.3					5.4	33	4.5			0.9	plastic containers
26-Oct-11	15:50	485	211	4&6	7.7	7.8				100	69	5			6	0.8					2	9	1.2	2	0.1	0.7	
26-Oct-11	15:53	486	212	4&6	8.9	8.8				100	58	6.6			1	0.2					2			1	0.1	1.9	plastic containers (kerosene, conditioner brake fluid, etc)
26-Oct-11	15:56	487	213	4&6	5.5	5.6				90	65	5.1			1	0.1					0.4					0.4	
26-Oct-11	15:57	488	214	4&6	10.2	10.1				100	41	5.8			1	0.2			11	3.5	0.6					0.6	
26-Oct-11	15:59	489	215	4&6	5	4.8				100	9	1.3			6	0.8					2.7	16	2.2			0.5	
26-Oct-11	16:01	490	216	4&6	5.6	5.5				100	16	1.5			16	2.4					1.6	10	1.1			0.5	plastic containers
26-Oct-11	16:03	491	217	4&6	6.5	6.5				90					23	3.6			5	1.6	1.3	3	0.5			0.8	
26-Oct-11	16:05	492	218	4&6	6.3	6.3				90	9	1.4			18	2.6			5	1.5	0.8	3	0.4			0.4	
26-Oct-11	16:07	493	219	4&6	3.7	3.8				40	34	2.3			5	0.7					0.8					0.8	
26-Oct-11	16:09	494	220	4&6	5.2	5.2				80	29	2.9		1	5	0.7		1			1.6	2	0.3			1.3	plastic containers and plastic bags
26-Oct-11	16:11	495	221	4&6	7	6.9				100	1	0.2			1	0.2					6.5					6.5	inhibitor
26-Oct-11	16:12	496	222	4&6	3	2.9				60	19	2.4									0.5					0.5	lamp oil, kerosene
26-Oct-11	16:13	497	223	4&6	8.8	8.8				100	46	5.7			1	0.2			5	1.7	1.2					1.2	laundry soap, other plastic containers
26-Oct-11	16:15	498	224	4&6	6.1	6.2		90		100	96	5			5	0.7					0.5					0.5	
26-Oct-11	16:17	499	225	4&6	4.4	4.6				80	9	2.5			5	0.7					1.4					1.4	plastic containers
26-Oct-11	16:19	500	226	4&6	8.2	8.3				100	91	6.3			7	1.1					0.9	4	0.5			0.4	

RAW DATA
GENERAL PAIL CHARACTERISTICS
BCUOMA 2011 OIL CONTAINER AND PAIL STUDY
BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION
BRITISH COLUMBIA, CANADA

			PAILS		
Date:	Time	ZONE:	# of oil pails:	# of antifreeze pails:	# of non-eligible pails (ie. Grease pails):
M&R ENVIRONMENTAL (500)					
22-Sep-11	13:00	1	55		31
22-Sep-11		1	2		
22-Sep-11		1	30		
22-Sep-11		1	57		
22-Sep-11		1	17		
22-Sep-11		1	44		
22-Sep-11		1	20		
26-Sep-11	9:35	1	53	1	4
26-Sep-11		1	60		3
26-Sep-11		1	43		4
26-Sep-11		1	47		4
26-Sep-11		1	14		11
MERLIN PLASTICS (500)					
25-Oct-11	9:50	1	173		4
25-Oct-11	11:30	6	317	2	4