6 June 2019

Used Oil, Diesel, and Gasoline Filters

Camp Pendleton manages used oil, fuel and gasoline filters as either "recyclable filters" or "waste filters". Filters that are comprised primarily of metal can be recycled for their metal content. Filters that are not predominately metal have no recycle value and are managed as a hazardous waste.
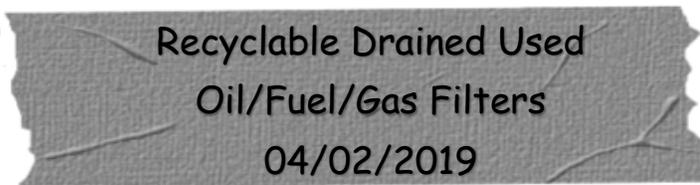
Management Procedure

1. Separate and manage used filters based on their metal content (i.e., mostly metal versus mostly non-metal).

2. Thoroughly drain all filters of free-flowing liquid before placing them in a storage container by using the following methods:

Filter Type	Draining Method
Oil filters	Crush, puncture, or open and gravity drain
Fuel and gasoline filters*	Open and gravity drain

* Fuel and gasoline filters must not be crushed or punctured due to a possible fire hazard.

3. Manage the fluids drained from the filters in accordance with the appropriate waste fluid environmental standard operating procedures (e.g., used oil, waste diesel fuel, or waste gasoline environmental standard operating procedure).

4. Remove all extraneous material or objects, such as hoses, water separators, fittings, housings, and plastic water drains, from the filters. Metal housings can be managed as regular scrap metal and all other objects can be managed as petroleum, oil and lubricant debris. Refer to the Petroleum, Oil and Lubricant Debris Environmental Standard Operating Procedure for guidance.

5. Place the filter into a poly or metal container (typically a 55-gallon drum) that meets the Department of Transportation requirements. Waste oil filters, diesel filters, and gasoline filters can be placed in the same container.

6. **DO NOT** place any other material in the container, such as bags, paper, rags, water collector cups, filter mounting bracket, or other attached parts or equipment.

7. Ground the container if it is storing gasoline or fuel filters.

8. Labeling requirements:

Used Oil, Fuel, and Gasoline Filters

Recyclable Metal Filters: Place a piece of duct tape on the container and label it with the container contents and the accumulation start date, identifying the date the first filter went into that

> Recyclable Drained Used
> Oil/Fuel/Gas Filters
> 04/02/2019

container. **DO NOT** use a hazardous waste label. For container contents, specify the type of filters placed into the container. For instance, "Recyclable Drained Used Oil Filters" for a container that only contains oil filters and "Recyclable Drained Used Oil/Fuel/Gas Filters" for a container that contains all three types.

Waste Filters: Affix a hazardous waste label to the container upon adding the first waste filter. Mark the container contents as "Waste Filters" along with the specific type of filter (e.g., "*Waste Filters, Oil/Fuel/Gas*" for a container that contains all three types). Mark the satellite or accumulation start date depending on the storage location. The attached hazardous waste label can be printed out, placed in a document protector or zip lock bag with filled out portion showing, and taped to the container.

9. Used filters may only be accumulated (stored) at authorized satellite accumulation areas or 60-day accumulation areas. However, containers can only be wasted out or removed for recycling from a 60-day accumulation site.

10. Storage of **recyclable metal** filters at a satellite accumulation area cannot exceed nine months or 55 gallons container and storage of **waste** filters at a satellite accumulation area cannot exceed 180 days or 55 gallons.

11. Contact Environmental Security (Hazardous Waste) at 760-725-4375/9742/1963/0213 or PNDL_ENV-Hazardous-Waste@usmc.mil for any additional information or for assistance with disposing of used and waste oil, fuel, or gasoline filters.

References

1. Hazardous Waste Management for Marine Corps Base Camp Pendleton (MCIWEST-MCB CAMPENO 5090.7A)

2. California Code of Regulations (CCR) Title 22, Section 66266.130

3. Department of Toxic Substances Control (DTSC); Management of Waste Gasoline and Diesel Fuel Filters Fact Sheet

Use and Version Control: Camp Pendleton uses Environmental Standard Operating Procedures (ESOPs) to augment instructions contained in official orders and directives and, where necessary, to provide for sufficient control of the installation's significant practices. Camp Pendleton maintains the authoritative, current version of this and other ESOPs on the Camp Pendleton website at:
https://www.pendleton.marines.mil/Staff-Agencies/Environmental-Security/Document-Library/Environmental-Standard-Operating-Procedures/

Examples of waste filters (mostly non-metal).

The fuel pump in the middle cannot be placed with recyclable metal or waste filters.

Examples of recyclable metal filters, but the plastic water drain must be removed.

Example of punctured spin-on canister type oil filter to ensure oil is completely drained.

Examples of recyclable metal filters. The filter housing must be removed with only the filter being placed in the container.

Remove all objects from the filter before recycling (e.g., hoses, housings, fittings, and water separators).

WASTE FILTERS, OIL/FUEL/GASOLINE *

HAZARDOUS
WASTE

NAME:			
ADDRESS:			

CITY: **MCB CAMP PENDLETON**	STATE: **CA**	ZIP: **92055**

PHONE No.:		

SATELLITE ACCUMULATION START DATE:	ACCUMULATION START DATE:

CONTENTS:			

HAZARD CLASS:	[ ] IGNITABLE	[ ] REACTIVE	[ ] CORROSIVE	[ ] TOXIC
PHYSICAL STATE:	[ ] SOLID	[ ] LIQUID	[ ] OTHER:	

- -

Fill out top half with pertinent information using example below then fold on dotted line.
ONLY DISPLAY TOP FILLED OUT PORTION.

HAZARDOUS
WASTE

NAME: **UNIT NAME**			
ADDRESS: **BUILDING NUMBER WHERE WASTE IS BEING STORED**			

CITY: **MCB CAMP PENDLETON**	STATE: **CA**	ZIP: **92055**

PHONE No.: **(760) 725-XXXX**		

SATELLITE ACCUMULATION START DATE: **YY/MM/DD**	ACCUMULATION START DATE: **YY/MM/DD**

CONTENTS: **WASTE FILTERS, OIL/FUEL/GAS***			

HAZARD CLASS:	[**X**] IGNITABLE **	[ ] REACTIVE	[ ] CORROSIVE	[**X**] TOXIC*
PHYSICAL STATE:	[**X**] SOLID	[ ] LIQUID	[ ] OTHER:	

- Use for waste filters (not comprised of mostly metal).
- *Only identify the types of filters actually stored in the container in the "CONTENTS" block.
- **If fuel or gas filters are stored in the container with oil filters mark "Ignitable" and ground the container. If only waste oil filters are stored in the container, mark "Toxic" for the hazard class.