



CONOCOPHILLIPS ALASKA

Health Safety and Environmental
Hydrocarbon Recycling

Field: Alaska

Last Reviewed:
10/19/2025

Retention Code	Owner/Author	SOP No	Review Frequency
CG01	Field Environmental Coordinator	W-011	3 years

Hydrocarbon Recycling

Purpose

The purpose of this procedure is to ensure that recyclable hydrocarbons are managed in accordance with company, facility, and regulatory requirements.

Scope

The scope of this procedure includes:

In scope	Out of scope
<ul style="list-style-type: none">Used oil and used oil filters without PCBsNon-hazardous and E&P exempt hydrocarbon containing fluid mixturesLubricating oils, hydraulic fluids, transmission fluids, greaseFuels (ULSD, gasoline, LEPD)Mineral oil	<ul style="list-style-type: none">Hazardous wastes (including chlorinated solvents)Fluid mixtures containing less than 2% hydrocarbonsFluid mixtures with more than 2% solidsGels or viscous emulsionsWater soluble, non-fuel/oil productsBlack water or raw sewageUsed oil containing PCBsUnused, non-exempt methanol

Authorized user

Authorized users of this procedure include all personnel who may generate or handle used oil, hydrocarbons, or hydrocarbon-containing mixtures.


Prerequisites

Personnel generating, transporting, or delivering recyclable hydrocarbons must have current Red Book training.

Hydrocarbon Recycling



Managing
ConocoPhillips
recyclable
hydrocarbons

Complete the following steps to properly manage recyclable hydrocarbons from ConocoPhillips facilities.

Step	Action						
1.	Label the container while it is accumulating onsite.						
	<table border="1"> <thead> <tr> <th>Material</th> <th>Label Requirement</th> </tr> </thead> <tbody> <tr> <td>Used oil</td> <td>"Used Oil"</td> </tr> <tr> <td>All other hydrocarbon mixtures</td> <td> <ul style="list-style-type: none"> • "Recyclable Material" • Date first material placed, or maintain an inventory log </td> </tr> </tbody> </table>	Material	Label Requirement	Used oil	"Used Oil"	All other hydrocarbon mixtures	<ul style="list-style-type: none"> • "Recyclable Material" • Date first material placed, or maintain an inventory log
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Used oil	"Used Oil"						
All other hydrocarbon mixtures	<ul style="list-style-type: none"> • "Recyclable Material" • Date first material placed, or maintain an inventory log 						
<div style="border: 2px solid orange; padding: 10px; text-align: center;">  <p>CAUTION: Do not place anything other than used oil into used oil containers.</p> </div>							
2.	<p>Facilitate transfer of the container to Hydrocarbon Recycle Facility:</p> <ul style="list-style-type: none"> • within 1 year for hydrocarbon mixtures other than used oil, or • if the container is reaching capacity 						
3.	<p>Verify the hydrocarbon mixture consists of:</p> <ul style="list-style-type: none"> • at least 2% hydrocarbons • less than 2% solids content 						

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4.	<p>Ensure specific criteria are met for the following materials:</p> <table border="1" data-bbox="597 327 1385 819"> <thead> <tr> <th data-bbox="597 327 857 384">Material</th> <th data-bbox="857 327 1385 384">Criteria</th> </tr> </thead> <tbody> <tr> <td data-bbox="597 384 857 684">Used oil</td> <td data-bbox="857 384 1385 684"> Total halogen content less than 1,000 parts per million (ppm); sampling not required if used oil is: <ul style="list-style-type: none"> removed from fixed equipment and sent directly for recycling, or from a process module routed to a closed hydrocarbon drain that routes back to production </td> </tr> <tr> <td data-bbox="597 684 857 819">Hydrocarbon mixtures containing exempt methanol</td> <td data-bbox="857 684 1385 819"> <ul style="list-style-type: none"> meets facility flashpoint safety requirements Requires Environmental approval </td> </tr> </tbody> </table> <div data-bbox="680 852 1323 1045" style="border: 1px solid black; padding: 5px; margin-top: 10px;">  <p>NOTE: Contact Environmental with any questions or for specific approval. Kuparuk: 659-7212, n1438@cop.com Alpine: 670-4200, n1838@cop.com</p> </div>	Material	Criteria	Used oil	Total halogen content less than 1,000 parts per million (ppm); sampling not required if used oil is: <ul style="list-style-type: none"> removed from fixed equipment and sent directly for recycling, or from a process module routed to a closed hydrocarbon drain that routes back to production 	Hydrocarbon mixtures containing exempt methanol	<ul style="list-style-type: none"> meets facility flashpoint safety requirements Requires Environmental approval 			
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5.	<p>Prepare a North Slope Manifest for the hydrocarbons to be recycled.</p> <ul style="list-style-type: none"> Verify material meets all facility-specific criteria (consult Red Book Facility Guides) Include any test data results on Section 9 of the manifest 									
6.	<p>Deliver the container to the Hydrocarbon Recycle Facility:</p> <table border="1" data-bbox="613 1318 1385 1598"> <thead> <tr> <th data-bbox="613 1318 727 1375">Field</th> <th data-bbox="727 1318 1036 1375">Facility</th> <th data-bbox="1036 1318 1385 1375">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="613 1375 727 1432">Kuparuk</td> <td data-bbox="727 1375 1036 1432">CPF1 Hydrocarbon Recycle</td> <td data-bbox="1036 1375 1385 1432">Facility Operator, 659-7330</td> </tr> <tr> <td data-bbox="613 1432 727 1598">Alpine</td> <td data-bbox="727 1432 1036 1598"> <ul style="list-style-type: none"> A1 Hydrocarbon Recycle Production header upright tanks (location varies, typically CD2) </td> <td data-bbox="1036 1432 1385 1598"> <ul style="list-style-type: none"> Board Operator, 670-4222 Oil Section Operator, Radio Channel: ALP OPS </td> </tr> </tbody> </table> <div data-bbox="680 1631 1323 1795" style="border: 1px solid black; padding: 5px; margin-top: 10px;">  <p>ALPINE NOTE: The Alpine A1 Hydrocarbon Recycle Facility preferred load limit volume is ~10 barrels. Larger loads should go to the Production header upright tanks.</p> </div>	Field	Facility	Contact	Kuparuk	CPF1 Hydrocarbon Recycle	Facility Operator, 659-7330	Alpine	<ul style="list-style-type: none"> A1 Hydrocarbon Recycle Production header upright tanks (location varies, typically CD2) 	<ul style="list-style-type: none"> Board Operator, 670-4222 Oil Section Operator, Radio Channel: ALP OPS
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The recyclable hydrocarbons have been managed properly.

Managing used oil filters

Complete the following steps to properly manage used oil filters.

1.	Verify the used oil filters are non-terne plated.
2.	Empty the filters and gravity hot drain by: <ul style="list-style-type: none"> • puncturing the anti-drainback valve or dome end, or • gravity hot draining and crushing
3.	Dispose the drained and crushed/punctured filter: <ul style="list-style-type: none"> • as oily waste, or • as scrap metal

Used oil filters have been managed properly.

Managing third party recyclable hydrocarbons

Complete the steps below to properly manage third party recyclable hydrocarbons.

1.	Verify the following on the third-party load North Slope Manifest:	
	Material	Manifest Section & Requirement
	Crude oil mixtures	<u>(4) Description</u> Must contain at least 99% crude oil
	Used oil (any volume)	<u>(9) Test data</u> Total halogens less than 1,000 ppm (or sample results attached)
	Used oil (volumes greater than 55 gallons or more than 1% of load)	<u>(9) Test data</u> Total halogens less than 1,000 ppm (or sample results attached) <u>Comments</u> EPA-registered Used Oil Transporter ID Number
2.	Verify a third-party approval letter is attached to the manifest, includes the waste on the manifest, and is not expired.	
3.	Verify the load meets facility requirements.	
4.	Accept or reject the third-party load.	

Third-party recyclable hydrocarbons have been managed properly.