



CONOCOPHILLIPS ALASKA

Field: North Slope

Health Safety and Environmental
North Slope Gasoline Spill Response Guidance

Last Reviewed:
7/3/2024

Retention Code	Owner/Author	SOP No	Review Frequency
AD01	Operations Environmental Coordinator	S-009	3 years

Purpose

The purpose of this Standard Operating Procedure (SOP) is to direct initial responders and members of the Emergency Response Team on how to respond to gasoline spills.

Scope

This procedure applies to gasoline spills at all ConocoPhillips North Slope facilities.

Prerequisite

Review the ASH Flammable Fluid Transfer Standard.

Initial Response Actions

The initial response actions are:





Step	Action						
1.	<p>Remain upwind of the spill and ensure others evacuate to a safe location.</p> <div style="border: 2px solid red; padding: 5px; margin: 10px 0;"> <p>WARNING: Do not walk in spilled gasoline. Doing so increases potential for ignition from static discharge and may cause personal injury.</p> </div>						
2.	<p>Notify Security of the spill immediately.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">If</th> <th style="width: 50%;">Then</th> </tr> </thead> <tbody> <tr> <td>Pooled liquid gasoline</td> <td> <p>Request Security notify Emergency Response Team Kuparuk: 659-7997 Alpine: 670-4002</p> </td> </tr> <tr> <td> Spill reaches or could reach: <ul style="list-style-type: none"> tundra ice over tundra a waterway </td> <td> <p>Security will notify Environmental immediately. Kuparuk: 659-7212 Alpine: 670-4200</p> </td> </tr> </tbody> </table>	If	Then	Pooled liquid gasoline	<p>Request Security notify Emergency Response Team Kuparuk: 659-7997 Alpine: 670-4002</p>	Spill reaches or could reach: <ul style="list-style-type: none"> tundra ice over tundra a waterway 	<p>Security will notify Environmental immediately. Kuparuk: 659-7212 Alpine: 670-4200</p>
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3.	Notify responsible area operator.						
4.	Shut off and/or remove all sources of ignition if it can be done safely.						
5.	Stop continued release of gasoline if it can be done safely. At Kuparuk, press the ESD button located on either end of gasoline fueling skids.						

6. **Secure** the area until Emergency Response Team arrives.

Initial response actions are now complete.

Spill stabilization and transportation

To stabilize and transport spilled gasoline and gasoline-contaminated material:

Step	Action
1.	<p>Use sorbents or a thickening agent to suppress vapors and raise flashpoint, if available.</p> <div style="border: 2px solid orange; padding: 5px;"><p>CAUTION: Flushing with water or foam could inadvertently spread the spill and lead to bigger impacts.</p></div>
2.	<p>Contact Environmental for testing and disposal options. Handle gasoline-contaminated material as a hazardous waste.</p> <p>Do not dispose gasoline or gasoline-contaminated material at any solid waste pit, incinerator, or any injection well.</p>
3.	<p>Wait for gasoline to completely stabilize before loading to a vac truck.</p> <div style="border: 2px solid red; padding: 5px;"><p>WARNING: Vac trucks are not rated for gasoline service, and explosion can result.</p></div>
4.	<p>Use an intrinsically safe pump if gasoline must be transferred.</p>
5.	<p>Use an open top tank, if needed, for stabilization.</p> <div style="border: 2px solid red; padding: 5px;"><p>WARNING: Mixing gasoline and diesel in an enclosed tank can result in explosive vapor space above fluid and result in damage or injury.</p></div>
6.	<p>Load gasoline into a vac truck only after verifying via lab testing that:</p> <ul style="list-style-type: none">• Fluids are at least 40 °F below the flashpoint.• Reid Vapor Pressure (RVP) is 6.5 psi or lower. <div style="border: 2px solid gray; padding: 5px;"><p>NOTE: Contaminated gasoline may be diluted a minimum of 1:5 with used oil or 1:2 with LEPD to increase flashpoint temperature and reduce Reid vapor pressure.</p></div>
7.	<p>Contact Environmental for disposal guidance.</p>
8.	<p>Deliver gasoline and gasoline contaminated materials to the approved disposal location as directed by Environmental.</p>

Spill stabilization and transportation is now complete.