



Title: Winterization Plan – Implementation Cues and Considerations

Purpose: To assist field personnel in timely and appropriate implementation of ESC winterization plans.

Instructions: (1) Use the left most column to select field conditions on your site. (2) Follow that cell to the right along the same row for winterization considerations and tips.

Site Condition	Typical Date Range	Considerations	Practices/Products Effected
First frost is observed on site.	September 15 th – October 15 th	<ul style="list-style-type: none"> Initiate a site meeting to discuss the site’s approved Winterization Plan. 	N/A
Average daily temperatures are consistently between 5-10 °C.	October 1 – 31 st	<ul style="list-style-type: none"> Most hydromulch or tackifier type products must be applied at temperatures above 0 °C. If daily average temperatures are consistently in the 5-10 °C it is time to schedule in a date for hydromulch/tackifier application. 	Hydromulch, Tackifier, Hydroseed
Shallow puddles/ponded water on site is beginning to freeze overnight, but thaws during the day.	September 15 th – November 14 th	<ul style="list-style-type: none"> Ensure that any sediment containment systems are have adequate capacity to handle site melt water before existing ponded water freezes solid. Phone 3-1-1 to apply for Drainage Permit. 	Sediment containment systems, V-ditches
		<ul style="list-style-type: none"> Begin to remove any approved inlet protection on and off site. Ensure all inlet protection is removed no later than November 14th. 	Inlet Protection (including, block and gravel inlet sediment barriers, silt fence barrier, manufactured inlet protection)
Average daily temperatures are consistently around 0 °C.	November 1 st – 15 th	<ul style="list-style-type: none"> During these conditions frost is actively forming in the soil, which can make excavating difficult on machinery. This is effectively your last chance to install any ESC practices/products that require excavation. 	V-ditches, sediment ponds, contour furrows, surface roughening, silt fence

<p>Average daily temperatures are consistently below 0 °C.</p>	<p>November 15th – April 15th</p>	<ul style="list-style-type: none"> • During these conditions, all winterization works must be completed. • 7 day inspections must also be completed during these conditions unless otherwise approved by the City ESC Inspector. 	<p>All approved practices and practices on your site’s approved ESC Plan.</p>
<p>Melt events (sporadic periods of temperatures above 0 °C causing snow/ice to melt on site)</p>	<p>November 15th – April 15th</p>	<ul style="list-style-type: none"> • Check the local weather forecast during each 7 day inspection to see if temperatures are forecasted to be above 0 °C. • Site inspections must occur for all periods of temperature above 0 °C as they are considered melt events. • During melt events look for products/practices that require maintenance. • If products/practices are not working as they should or an event on site warrants a change to the approved ESC Plan, talk to your site contact and indicate that an amendment is required. 	<p>All approved practices and practices on your site’s approved ESC Plan.</p>