



Tesoro Logistics Operations LLC
1076 Ocean Dock Rd.
Anchorage, AK 99501

VIA Email

May 19, 2019

Karin Hendrickson
Alaska Department of Environmental Conservation
Pesticide Control
1700 E. Bogard Rd.
Bldg. B, Suite 103
Wasilla, AK 99654

**RE: Tesoro Logistics Operations LLC
Ocean Dock Terminal
Integrated Pest Management Plan**

Dear Ms. Hendrickson,

Please find attached a completed Integrated Pest Management Plan for the Tesoro Logistics Operations LLC (Tesoro) Ocean Dock Terminal. Tesoro plans to apply plant herbicide to portions of our Ocean Dock Terminal located at 1076 Ocean Dock Rd in Anchorage. Tesoro leases the terminal property from the Alaska Railroad and will be utilizing their contractor, Ferrosafe, LLC, to apply the herbicides.

Notice will be published in the Anchorage Daily News for two consecutive days at least 30 days prior to the application of the pesticide.

If you have any questions regarding this notification, please contact me at (907) 490-6217 or SLewellyn@marathonpetroleum.com.

Sincerely,

A handwritten signature in cursive script that reads "Serena Lewellyn".

Serena Lewellyn
Environmental

Enclosure

Integrated Pest Management Plan

| | |
|---------------------------------------|--|
| IPM Plan Effective Dates: | June 2020 – May 2021 |
| Management Area Name/Location: | Tesoro Logistics Operations LLC - Ocean Dock Terminal |
| General Site Description: | Bulk Oil Storage Facility on state owned land/right of ways. |
| Land Uses: | Bulk Oil Storage Facility |
| Name of Person in Charge: | Pat Hallett |
| Certified Applicator Name(s): | (1) Doug Lindholm |
| Certification Numbers: | (1) 10225-2008-9 |

1. Action Thresholds

Check the types or categories of pests that might present a problem or need to be controlled at this management site:

| | |
|---|-------------------------------|
| ✓ | Category |
| ✓ | Vegetation |
| | Insects |
| | Fungus |
| | Rodents |
| | Other (describe below) |

For each pest category listed above, describe the level at which the pest becomes a problem which requires control measures to be taken.

Vegetation:

Tesoro Logistics Operations LLC (Tesoro) owns and operates the bulk fuel storage facility located at 1076 Ocean Dock Road, Anchorage, Alaska; approximately one mile north of downtown Anchorage and one-half mile south of the Municipality of Anchorage (MOA) Petroleum, Oil and Lubricant (POL) dock.

Pesticide application is necessary for vegetation control in three tank farms (asphalt, east and west), the asphalt loading area, and the rail rack loading area (see attached map). These areas must be free of excessive vegetation per 18 AAC 75.075(c) & (g):

“A secondary containment system must be maintained free of debris, vegetation, excessive accumulated water, or other materials or conditions that might interfere with the effectiveness of the system; The owner or operator of rail tank car and tank truck loading areas and permanent unloading areas must ensure that those loading and unloading areas are maintained free of debris, vegetation excess accumulated water or other materials or conditions that might interfere with the effectiveness of the system”.

In addition, pesticide will be applied along the fence line area to ensure clear lines of sight for facility security.

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2. Monitor and Identify Pests

How often will the management area be inspected for the presence of pests?

The rail rack, tank farms and asphalt loading areas are inspected daily and monthly for the presence of excessive vegetation growth. The fence line is inspected monthly for the presence of excessive vegetation growth.

Which locations will be inspected?

The rail rack, tank farms, asphalt loading area, and fence line locations. See attached map outlining the application zones.

What methods will be used for identifying and quantifying the presence of pests?

The presence of vegetation will be visually noted during monthly inspections. Vegetation growth must not interfere with the effectiveness of the secondary containment areas or encroach on the rail bed.

How will pest species be identified?

Vegetation types are identified as noxious/invasive weeds, moss, annual/perennial grasses and sedges.

Describe record keeping procedures:

Vegetation management records will be kept at the Tesoro Ocean Dock Terminal and filed with the environmental files.

Monthly tank farm inspections will include the date, locations, and remarks concerning vegetation if it is excessive.

A record of each control applied will include the date, location, and details about the control that was applied.

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3. Prevent Pests

For each pest category listed under Section 1, describe preventative measures that will be taken:

Secondary containment areas in the east and west tank farms are lined with an impermeable liner covered by a layer of soil. The secondary containment areas are designed to contain any spill of product from the tanks. This design allows for the accumulation of water which can contribute to the growth of vegetation in these areas. As a preventative measure, water will be pumped out of the containment areas as required by 18 AAC 75.075(c) & (d).

The rail rack areas consist of rail ballast and gravel. Using mechanical means to previously minimize the growth of vegetation in this area has led to the need for complete chemical control in these areas. No preventative measures are recommended.

Vegetation growth in the asphalt tank farm and loading areas and fence line could be minimized by the application of weed barriers. The amount of soil that would have to be removed in order to place a weed barrier is not practical. No preventative measures are recommended.

How often will preventative measures be applied?

Water will be pumped from the east and west containment areas when noted during daily inspections. Water will be pumped/drained from the areas in accordance with 18 AAC 75.075(d).

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4. Control Measures

For each pest category listed under Section 1, list potential non-chemical control measures that may be used:

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| Mechanical Controls: | Weed trimming or hand cutting can be used in the rail rack, tank farms, asphalt loading areas, and along the fence line. These methods can be performed throughout the summer if the vegetation growth is minimal. |
|-----------------------------|--|

For each pest category listed under Section 1, describe the characteristics needed in any chemical controls that may be used:

Vegetation: Product should be a post emergence, systemic herbicide which gives a broad-spectrum control of many annual and perennial weeds, woody brush, and small trees.

For each pest category listed under Section 1, list potential chemical controls that may be used:

| Target Pest | Product Name | EPA Registration Number |
|--------------------|---|--------------------------------|
| Vegetation | Landmark XP | 432-1560 |
| Vegetation | Cimarron Plus | 432-1572 |
| Vegetation | Glyphosate 4 Plus | 81927-9 |
| Vegetation | Alligare Defoamer (Adjuvant/Utility Modifier) | Exempt |
| Vegetation | Alligare Drift Control (Adjuvant/Utility Modifier) | Exempt |

Describe how treated areas will be re-inspected and evaluated for effectiveness of controls:

Following application of chemical controls, the areas will be monitored during daily rounds to determine the effectiveness of the application. If the chemical control is not effective, the certified applicator will be contacted to recommend modifications or additional controls.

**Application of chemical controls will not occur when standing water is present.*



Ocean Dock Terminal
Application Areas