

Forest Practices Aerial Chemical Application Instructions

[WAC 222-16-070](#), [Chapter 222-38 WAC](#)

General Information

Application forms are available from DNR's Forest Practices website at the link below:

<http://www.dnr.wa.gov/programs-and-services/forest-practices/review-applications-fpars/forest-practices-forms-and>

They are also available from DNR Region offices. Completed forms must be legible for electronic scanning. Please:

- Type or use ink.
- Do not use whiteout. If you make mistakes, cross them out and initial your changes.
- Do not write in the margins.
- Include comments in Question 10. Include the question number that each comment refers to.
- Include activity map(s). You can download maps from the link on the Forest Practices web site listed above. Maps are also available at DNR Region offices. General map standards are at the end of these instructions. Contact the Region office to discuss mapping options that best fit your proposal.

There is no fee for aerial chemical applications. Send the completed application form to the Region office where the chemical application will occur. Region office addresses are listed below. If your application is complete, DNR will either email you (if email address is provided) or mail you a postcard. If it is incomplete, DNR will contact you and explain why.

DNR Region Offices

(Business hours are Monday – Friday 8:00 am to 4:30 pm)

Northwest Region

919 N Township St
Sedro-Woolley, WA 98284
Tel: (360) 856-3500
Fax: (360) 856-2150
northwest.region@dnr.wa.gov

Includes: Island, San Juan, Skagit, Snohomish, and Whatcom counties

Southeast Region

713 Bowers Road
Ellensburg, WA 98926
Tel: (509) 925-8510
Fax: (509) 925-8522
southeast.region@dnr.wa.gov

Includes: Adams, Asotin, Benton, Chelan, Columbia, Douglas, Franklin, Garfield, Grant, Kittitas, Klickitat, Skamania, Walla Walla, Whitman, and Yakima counties

Olympic Region

411 Tillicum Lane
Forks, WA 98331
Tel: (360) 374-2800
Fax: (360) 374-5446
fp_oly@dnr.wa.gov

Includes: Clallam, north half of Grays Harbor, and Jefferson counties

Pacific Cascade Region

601 Bond Rd
P.O. Box 280
Castle Rock, WA 98611
Tel: (360) 577-2025
Fax: (360) 274-4196
pcfpractices@dnr.wa.gov

Includes: Clark, Cowlitz, south half of Grays Harbor, Lewis, Pacific, Skamania, and Wahkiakum counties

Northeast Region

225 S. Silke Road
Colville, WA 99114
Tel: (509) 684-7474
Fax: (509) 684-7484
fp_ne@dnr.wa.gov

Includes: Ferry, Lincoln, Okanogan, Pend Oreille, Spokane, and Stevens counties

South Puget Sound Region

950 Farman Ave. N
Enumclaw, WA 98022
Tel: (360) 825-1631
Fax: (360) 825-1672
southpuget.forestpractices@dnr.wa.gov

Includes: King, Kitsap, Mason, Pierce, Thurston, sections of Lewis, and southeast quarter of Grays Harbor (northeast of Chehalis River) counties

Instructions for Aerial Chemical Forest Practices Application

NOTE: DNR will determine if each pesticide application is a Class IV-Special and requires a State Environmental Policy Act (SEPA) Environmental Checklist. DNR will research the information detailed in the key in [WAC 222-16-070](#). Applicants can research most of this information themselves by visiting the Washington State University Extension Service's website at: <http://cru66.cahe.wsu.edu/LabelTolerance.html> and using the PICOL database search. The only information in the key that is missing from PICOL is the maps showing areas of ground water with a high susceptibility to contamination. These maps are available at each Region office. Applicants who wish to streamline their application processing are urged to research the information in the key and provide a SEPA Environmental Checklist if the key indicates their application is a Class IV-Special.

1. Legal Name of LANDOWNER | Legal Name of TIMBER OWNER | Legal Name of OPERATOR

Enter the legal name, address, and phone number of the landowner, timber owner, and operator. If the timber owner and/or operator boxes are the same as the landowner, check the 'Same as Landowner' box. Email addresses are optional. DNR will mail copies of the Notice of Decision to the landowner, timber owner, and operator. Notify the DNR of any changes to these by submitting a Notice of Transfer form.

2. Contact Person

Print the name and phone number of the primary contact person. Email addresses are optional. This person will be contacted only when the FPA/N is processed. DNR will not send copies of the approval or disapproval to the contact person.

3. Are you substituting prescriptions from an approved state or federal conservation agreement or watershed analysis?

Answer 'yes' if you are substituting prescriptions from an approved state or federal conservation agreement or Watershed Analysis. If your land is within an approved Watershed Analysis area, you may be required to follow the prescriptions from the analysis. Contact your local DNR Region office to see if prescriptions apply. If you choose not to follow the required prescriptions, your FPA/N will be a Class IV-Special and will require a SEPA Environmental Checklist or SEPA determination. If your land is within a Watershed Analysis area that has approved prescriptions, complete a Watershed Analysis Worksheet (Appendix I) and submit it with the FPA/N.

Watershed Analyses can be found on the DNR Forest Practices website here: <https://www.dnr.wa.gov/Watershed-analysis>.

If you answered 'yes' because of an HCP:

- Write 'HCP' in the tables that apply.
- Include a copy of the HCP prescriptions and indicate which WACs are being substituted in Question 10 of your FPA/N or as an attachment (i.e. 'crosswalk') to your FPA/N.
- If you have HCP prescriptions or an HCP crosswalk on file with DNR, please reference which prescriptions you will be using and identify which WACs are being substituted.

If you answered 'yes' because of Watershed Analysis prescriptions:

- Write 'prescriptions apply' in the appropriate tables.
- Attach copies of the prescriptions.

Answer 'no' if you are not substituting prescriptions.

References: [WAC 222-16-050\(1\)\(d\)\(iii\)](#), [WAC 222-22](#), [WAC 222-12-041](#)

4. Complete the following property description:

Give a brief legal description of your proposed project. Enter the Unit Number, Acres, Section, Township, and Range (including East or West), and the County name. Tax parcel numbers are not required for aerial chemical projects.

Example:

<u>Unit Number</u>	<u>Acres</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>E/W</u>	<u>County</u>
1	49	14	22	08	W	Grays Harbor
2	24	14	22	08	W	Grays Harbor
3	8	23	22	08	W	Grays Harbor
4	65	23	22	08	W	Grays Harbor
5	13	23	22	08	W	Grays Harbor

For further clarification on determining your legal description, see your Property Deed or contact the County Assessor's office.

5. Chemical Information - Show all buffers on your Activity Map**

See <http://cru66.cahe.wsu.edu/LabelTolerance.html> for PICOL website. Refer to the example below.

**Additional information may be added on separate pages as needed

Unit Identifier (Must Match map)	Acres Treated	*Active Ingredient	*List EPA Numbers by Active Ingredient	Are you spraying within:			Site Prep (Anticipated year)	Spring Conifer Release (Anticipated year)	Fall Conifer Release (Anticipated year)
				100 feet of agricultural land?	200 feet of a residence?	100 feet of surface water?			
1,2,3,5	97	Glyphosate	62719-556	No	No	No	2017		2019
1,2,3,5	97	Glyphosate	62719-324	No	No	No	2017		2019
1,2,3,4,5	162	2,4-D	2935-553	No	No	No	2017	2019	2019
1,2,3,4,5	162	2,4-D	81927-39	No	No	No	2017	2019	2019
1,2,3,4,5	162	2,4-D	71368-11	No	No	No	2017	2019	2019
1,2,3,4,5	162	2,4-D	42750-20	No	No	No	2017	2019	2019
3,4,5	89	Triclopyr	62719-40	No	No	No	2017	2019	2019
3,4,5	89	Triclopyr	228-517	No	No	No	2017	2019	2019
3,4,5	89	Triclopyr	62719-527	No	No	No	2017	2019	2019
4	65	Imazapyr	81927-6	No	No	No	2017	2019	2019
2,4	89	Sulfometuron methyl	352-622	No	No	No	2017		
2,4	89	Sulfometuron methyl	352-601-85588	No	No	No	2017		
1,2,3,4,5	162	Non-Ionic Surfactant	(WA) 2935-50142	No	No	No	2017	2019	
1,2,3,4,5	162	Non-Ionic Surfactant	(WA) 34704-04007	No	No	No		2019	2019
4	65	Fertilizer		No	No	No			

Unit Identifier: List unit numbers or names associated with each active ingredient. *Must match map.*

Acres Treated: List total acres being treated with each active ingredient.

Active Ingredient: List each active ingredient that will be used. This information can be found on the pesticide label or PICOL [website](#). Examples include: glyphosate triclopyr, sulfometuron methyl, e.g. ***If fertilizer treatment list here.***

List EPA Numbers by Active Ingredient: List the EPA number for each active ingredient being used. This information can also be found on the label and on the PICOL [website](#).

**Most active ingredients are sold under multiple brand names. Each brand has a different EPA number. One brand of each active ingredient is generally used at a time and brands may be substituted.*

Are you spraying within:

- **100 Feet of Agricultural Land?**

If you answer "Yes", you must leave a 100 foot buffer strip between your spray and the agricultural land. You don't have to leave this buffer if you own the agricultural land. Show the buffers on your Activity Map.

References: [WAC 222-38-020\(4\)\(e\)](#) – pesticides; [WAC 222-38-030\(3\)](#) – fertilizers

- **200 Feet of a Residence?**

If you answer "Yes", you must leave a 200 foot buffer strip around the residence(s). You don't have to leave this buffer if you own the residence(s). Show the buffers on your Activity Map.

References: [WAC 222-38-020\(4\)](#) – pesticides; [WAC 222-38-030\(3\)](#) – fertilizers

- **100 Feet of Surface Water?**

Show the buffers on your Activity Map.

Note: If you are spraying pesticides within 100 feet of a surface water that flows downstream into a municipal water intake or a fish hatchery intake, you may be required to submit a SEPA Environmental Checklist or a SEPA Determination. DNR will check databases and notify you. Buffers must be applied to riparian management zones and wetland management zones for aerial fertilizer application. If you wish to fertilize within these buffer zones, you must do so by hand application.

References: [WAC 222-16-070](#); [WAC 222-38-020](#)

Site Prep: Indicate if this is a site preparation by entering the anticipated year of treatment. (Site Prep typically occurs July through October).

Spring Conifer Release: Indicate if this is a spring conifer release by entering the anticipated year of treatment. (Spring conifer release typically occurs from March – July).

Fall Conifer Release: Indicate if this is a fall conifer release by entering the anticipated year of treatment. (Fall conifer release typically occurs from July – October).

6. Is this proposal (answer every question):

a. Within the city limits or an urban growth area?

Answer 'yes' if the proposed aerial chemical forest practices activity is in the city limits or urban growth area. If you are unsure, contact your county planning department or assessor's office.

If you answered 'yes,' include **one** of the following:

- SEPA Environmental Checklist.
- SEPA determination from the local government.
- An approved 10-year management plan.

Answer 'no' if the proposed forest practices activity is not within city limits or within an urban growth area.

References: [RCW 76.09.050](#), [WAC 222-10-010](#), [WAC 222-16-050\(2\)](#)

b. Within a public park?

Answer 'yes' if your proposed aerial chemical forest practices activity is within a public park and enter the name of the public park. A SEPA Environmental Checklist or SEPA determination is required.

Otherwise, answer 'no'.

References: [RCW 76.09.050](#), [WAC 222-10-010](#), and [WAC 222-16-050\(1\)\(c\)](#)

c. Within 500 feet of a public park?

Answer 'yes' if your proposed aerial chemical forest practices activity is within 500 feet of a public park. Enter the name of the public park.

Otherwise, answer 'no'.

Reference: [WAC 222-20-100\(1\)](#)

d. For an Alternate Plan?

Answer 'yes' if you are using an alternate plan. An alternate plan offers alternatives to certain Forest Practices rules. Requirements are detailed in [WAC 222-12-040](#) and [WAC 222-12-0401](#) and guidance is provided in Forest Practices Board Manual Section 21- *Guidelines for Alternate Plans*. Attach the alternate plan.

Otherwise, answer 'no'.

References: [WAC 222-12-040](#), [WAC 222-12-0401](#)

e. Using a chemical that is not registered or for a use that is not allowed under the label?

Answer 'yes' if you are using a chemical that is not registered or for a use that is not allowed under the label. A Washington State Department of Agriculture Experimental Use Permit is required if you plan to use an unregistered chemical or if you want to use a chemical for a use that is not on the label. Contact the Department of Agriculture at <http://agr.wa.gov/PestFert/Pesticides> or at (360) 902-2093. Include a copy of your Experimental Use Permit and either a SEPA Environmental Checklist or SEPA Determination.

Otherwise, answer 'no'.

Reference: [WAC 222-16-070\(2\)](#)

f. Applying a pesticide in a Type A or Type B Wetland?

Answer 'yes' if you are applying a pesticide in a Type A or B wetland. A SEPA Environmental Checklist or SEPA determination is required.

Reference: [WAC 222-16-070\(2\)](#)

7. Are you spraying 240 or more contiguous acres?

Answer 'yes' if you are spraying 240 or more contiguous acres. A SEPA Environmental Checklist or SEPA determination is required.

Contiguous is defined in [WAC 222-16-070\(2\)](#) as:

- Spray units closer than 300 feet; or
- Spray units with treatment dates within 90 days of each other.

Otherwise, answer 'no'.

8. Have you reviewed this forest practices activity area to determine whether it may involve historic sites and/or Native American cultural resources?

Your FPA/N will be screened to determine whether it may involve cultural resources which [WAC 222-16-010](#) defines as 'archaeological and historic sites and artifacts, and traditional religious, ceremonial, and social uses and activities of affected Indian tribes.' Most Native American cultural resources are not recorded in state or local databases. Before you submit your FPA/N, you are encouraged to contact the affected Indian Tribe(s). If you made any contacts, please provide this information in Question 9. For affected Indian tribe contact information, go to the Forest Practices Application Mapping Tool here: <https://fpamt.dnr.wa.gov/default.aspx> or contact your DNR Region office.

Areas most likely to contain cultural resources may include the following:

- Along defined ridge lines and saddles;
- Areas along and/or near natural Water including shorelines and terraces;
- Around rock outcrops and talus (rock rubble) slopes;
- In cedar and aspen stands containing older, scarred trees;
- Near springs and old wells;
- Around extractable mineral sources; or
- Areas in proximity to known cultural sites.

Examples of potentially important cultural resources:

- Native American graves and cairns (stacked rocks), historic graves, and cemeteries (protected by [RCW 27.44.040](#) and [chapter 68.60 RCW](#));
- Glyptic records (designs, names, dates carved or painted on rock) (protected by [RCW 27.44.040](#) and [RCW 27.53.060](#));
- Native American old camp and village sites, old cabins, barns, sheds, logging/mining/railroad camps, mills, mining operations, and their remnants;
- Arrowheads, other stone tools, and the stone flakes from making them, old fire pits, fire hearths, wood stoves, cans, bottles, ceramics, bricks, metal, lumber;
- Old trails, wagon roads, railroad grades, ditches, and utility lines;
- Caves, rock overhangs, and rock shelters historically used by humans, old rock walls, and old pits in talus slopes; and
- Culturally modified trees (trees modified by humans) such as old stripped bark, trunk with old blaze, name, date, or drawing.

Answer 'yes' if you have examined the area where you plan to conduct your forest practices activities for the presence of cultural resources.

If your FPA/N involves cultural resources:

- Contact the affected Indian tribe(s). [WAC 222-20-120](#) includes options for meeting with the affected Indian tribe(s) with the objective of agreeing on a protection plan. Your DNR Region office can tell you which affected Indian tribe(s) you need to contact and how to document your communication. If you made any contacts, please provide this information in Question 9.
- Contact the Department of Archaeology and Historic Preservation (DAHP) at www.dahp.wa.gov if the cultural resource is an archaeological site to see if you need an Archaeological Excavation and Removal permit. See [chapter 25-48 WAC](#).
- If you, DAHP, and the affected Indian tribe(s) have already agreed upon a protection plan for the cultural resources in your activity area, please document this agreement in Question 9.

Answer 'no' if you have not reviewed the forest practices activity area to determine whether it may involve historic sites and/or Native American cultural resources.

References: [RCW 27.44.040](#), [RCW 27.53.060](#), [68.60 RCW](#), [WAC 222-16-010](#), [WAC 222-20-120](#), [chapters 25-48 WAC](#)

9. Additional information (attach additional pages if necessary):

You may include additional information in the space provided or on a separate page. Include the FPA/N question number that each comment refers to. You may also include multiple maps to help explain your proposal.

10. Signature Blocks. The legal LANDOWNER, TIMBER OWNER, and OPERATOR (as shown in Question 1) must EACH legibly print and sign their names and record the date of signature before this application can be accepted. If all three are the same, only the LANDOWNER box needs to be signed and dated. **Signatures must be original. Stamped and/or electronic signatures will not be accepted.**

The landowner understands that by signing and submitting this FPA, he/she is authorizing the Department of Natural Resources to enter the property in order to review the proposal, inspect harvest operations, and monitor compliance for up to three years after its expiration date. [RCW 76.09.150](#)

Activity Map Requirements

All FPA/Ns must have an Activity Map. Activity maps can be found on the DNR Forest Practices website. You may also create one with your own GIS. Do not show the location of Threatened or Endangered Species or archaeological, historic, or tribal cultural resources on this map.

****When spraying more than one unit it is helpful to reviewers to provide an overview map showing all units in relation to populated areas.***

What Must Be Shown on the Activity Map?	
<p>Chemical Application Area</p> <p>Wetlands</p> <ul style="list-style-type: none"> - Buffers <p>Existing Roads</p>	<p>Water</p> <ul style="list-style-type: none"> - Streams and lakes with type labels - Crossed out waters (<i>water on the map, but not on the ground</i>)
What are the Map Standards?	
<ul style="list-style-type: none"> - Use 1":1000' DNR Activity map found on the DNR Forest Practices website OR use larger scale maps or company GIS maps to show details of harvest and road activities. The DNR Region office may ask for vicinity maps to go with large scale maps. - Use black ink - Do not use white-out - Do not use color pencils or highlighters - do not use yellow or red shading - Include a legend - Do not write in the margins - Use more than one map if you need to - Do not fax these maps to DNR 	
What Additional Items Must Company GIS Maps Show?	
<ul style="list-style-type: none"> - Current DNR water and wetland layers - DNR Geographic registration TIC marks using NAD83 - Contour lines with elevations (maximum 40' interval) - Section, township and range lines and numbers & corners - Scale bar - North arrow - ¼" margin on all sides - Sizes: Letter, Legal, or Tabloid 	