



COUNTY COMMISSIONERS

John Hutchings
District One

Gary Edwards
District Two

Tye Menser
District Three

COMMUNITY PLANNING & ECONOMIC DEVELOPMENT DEPARTMENT

Joshua Cummings, Director

Creating Solutions for Our Future

SEPA DETERMINATION OF NONSIGNIFICANCE (DNS)

Proponent/	Thurston County Community Planning and Economic Development Department
Lead Agency	2000 Lakeridge Drive SW, Building #1 Olympia, WA 98502 Contact: Maya Teeple, (360) 545-2593
Description of Proposal	<p>This is a citizen-requested amendment to the Nisqually Subarea Plan, a component of the Thurston County Comprehensive Plan. The applicant requests to amend Policy E.5 of the Nisqually Subarea Plan to allow for asphalt pavement recycling. This is Docket Item CP-11 on the 2020/2021 Official Comprehensive Plan Amendment Docket.</p> <p>No specific site plan has been proposed as part of the policy amendment request. Because the proposed text amendments are not associated with a specific development proposal, they are being reviewed as a Non-project Action, in accordance with the requirements of the State Environmental Policy Act (SEPA). All specific proposals will be required to apply for project specific permits and meet all current regulations at the time of application.</p>
Project No.	2016105567
SEPA Folder No:	17-107649 XA
Location of Proposal	Nisqually Subarea, Northeast Thurston County
Threshold Determination	<p>The lead agency for this proposal has determined that it does not have a probable significant adverse impact upon the environment. An Environmental Impact Statement is <u>not</u> required under RCW 43.21C.030(2)(c). This decision was made after review by the Lead Agency of a completed Environmental Checklist and other information on file with the Lead Agency. This information is available to the public upon request or at: https://www.thurstoncountywa.gov/planning/Pages/comp-plan-cp11-home.aspx</p>

Responsible Official Joshua Cummings, Director

Date of Issuance: October 9, 2020

Comment Deadline: October 23, 2020

Appeal Deadline: October 30, 2020

Jennifer Davis

Jennifer Davis, Community Planning Manager

This Determination of Nonsignificance (DNS) is issued under WAC 197-11-340. The lead agency will not act on this proposal for 14 days from the date of issue or until the appeal period has passed, if applicable. No permits may be issued, and the applicant shall not begin work until after the comment and any appeal periods have expired and any other necessary permits are issued. If conditions are added, deleted, or modified during the 14 day review period, a modified DNS will be issued. Otherwise, this DNS will become final after the expiration of the comment deadline and appeal period, if applicable.

Appeals

Threshold determinations may be appealed pursuant to TCC 17.09.160 if: (1) a written notice of appeal, meeting the requirements of TCC 17.09.160(D), and the appropriate appeal fee is received by the Thurston County Community Planning and Economic Development Department within seven (7) calendar days of the last day of the comment period on the threshold determination and; (2) the person filing the appeal is an aggrieved party and submitted written comments prior to the comment deadline, per the requirements of TCC 17.09.160(B).

NOTE: The issuance of this Determination of Nonsignificance does not constitute project approval. The applicant must comply with all applicable requirements of Thurston County Departments and/or the Hearing Examiner prior to receiving permits.



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MEMORANDUM

TO: Jennifer Davis, Community Planning Manager

FROM: Maya Teeple, Senior Planner

DATE: September 25, 2020

SUBJECT: Lakeside Recycled Asphalt Policy Amendment SEPA review – DNS

The applicant requests a Comprehensive Plan amendment to the Nisqually Subarea Plan. The request would change policy E.5 of the Nisqually Subarea Plan to allow for asphalt recycling. Currently asphalt recycling is prohibited under policy E.5 due to water quality concerns.

No specific site plan has been proposed as part of this comprehensive plan amendment request, and as such, is a non-project action proposal. Evaluation by Thurston County Staff of the applicants SEPA checklist, as well as additional internal analysis includes the following:

1. The Nisqually Subarea is approximately 9,000 acres of rural lands in northeastern Thurston County, and includes the Billy Frank Jr. Nisqually Wildlife Refuge and portions of: The Nisqually Indian Reservation, Joint Base Lewis-McChord (JBLM), and the McAllister Geologically Sensitive Area (MGSA). Additionally, the subarea includes 1,288 acres of Long-Term Agriculture and Nisqually Agriculture.
2. The Nisqually Subarea includes many environmentally sensitive areas. These include but are not limited to the McAllister Geologically Sensitive Area, critical aquifer recharge areas (CARAs), wetlands, steep slopes, wellhead protection areas, and 100-year floodplains.
3. Approximately 81% (7,347 acres of roughly 9,000) of the subarea are classified as a CARA I. CARAs are areas that provide for infiltration of water to replenish the aquifer and groundwater sources. CARA I areas are of extreme aquifer sensitivity with rapid recharge.
4. Hydrogeological conditions vary considerably across the Nisqually Subarea. Permeability, groundwater flow, and depth to groundwater vary with the individual site. Specific hydrogeologic conditions are evaluated at the site-scale, at the time of permitting, as required under Title 24 and Chapter 17.20 of the Thurston County Code.



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5. This proposal is not likely to deplete energy or natural resources. The amendment is legislative and programmatic in nature. Site-level projects that may occur as a result of this amendment are likely to minimize the need for raw resources in asphalt production.
6. A third-party consultant conducted a review of contaminant leaching from recycled asphalt pavement (Herrera Environmental Consultants, “Contaminant Leaching from Recycled Asphalt Pavement”, May 14, 2019). Due to a wide range of testing materials and protocols across literature, only broad summaries can be made from this report:
 - a. As a source of contaminants, RAP is highly variable. Factors contributing to variability in leachate from RAP appear to include how the asphalt was originally manufactured (e.g., the sources of crude oil and aggregate or whether coal tar or bitumen was used), how the RAP was used, the duration and degree to which it has weathered and been exposed to traffic or other pollution generating sources, and how long it is stored.
 - b. Laboratory testing indicated that there were typically some contaminants leached from RAP at concentrations that exceeded state groundwater quality standards. There were five polycyclic aromatic hydrocarbons (PAHs) that were measured above state groundwater quality standards with some frequency (i.e., in 50 percent or more of the studies where detection limits were adequate). Some metals were also leached, primarily in tests run under low pH environments.
 - c. Testing indicated that there is a distinct, initial flush of contaminants from RAP that can result in concentrations exceeding Washington State groundwater quality standards, but that these peak concentrations decrease quickly to below detection limits as more water is flushed through the RAP.
 - d. Both batch and column tests indicated that there were typically some contaminants leached from RAP at concentrations that exceeded Washington State groundwater quality standards. Typically, these exceedances occurred during initial flushing of the RAP.
 - e. Although this literature review specifically did not include an assessment of potential environmental impact from fate and transport of these contaminants, a number of the researchers suggested that the impact to the environment would be negligible if dilution and assimilation were considered.



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- f. While some portion of the contaminants is likely generated from components of asphalt itself, exposure to roadways (and traffic) was identified as a major contributor of contaminants that were available for leaching in three of the studies (Metha et al. 2017; Birgisdottir et al. 2007; and Norin and Strömvall 2004).
 - g. Batch and column laboratory tests, while informative, are not necessarily representative of what can be expected under field conditions.
7. The third-party consultant literature review (Herrera Environmental Consultants, “Contaminant Leaching from Recycled Asphalt Pavement”, May 14, 2019) did not evaluate how best management practices, fate and transport, natural attenuation to soils, or hydrogeological conditions may impact leachate from recycled asphalt pavement.
8. The Thurston County Environmental Health (TCEH) Sanitary Code (Article V) requires that facilities that recycle asphalt obtain a solid waste permit from environmental health. Article V, section 13.2 states that “No recycling of asphalt shall be maintained, established, substantially altered, expanded or improved without a permit obtained pursuant to Section 8 of this Article and shall be subject to the provisions of Chapter 173-350 WAC that are applicable to facilities required to obtain a permit.” According to section 8.4.1 of Article V, permits must be renewed on an annual basis.
9. The proposed amendments do not alter or eliminate any requirements in the Thurston County Code or the TCEH requirements as listed in the Sanitary Code. All future development must comply with the Thurston County Code and Thurston County Sanitary code, associated policies, and applicable Washington Administrative Code.
10. A new special use permit or an amendment to a special use permit to recycle asphalt is subject to current county regulations and may trigger any or all of the following: SEPA review, clean air agency permit, stormwater management plan, pollutant prevention and control plan, emergency clean-up plan, a site plan depicting where and how recycled asphalt will be processed and stored on the property, and a noise attenuation plan to demonstrate there is no public nuisance related to regulated noise decibels.
11. Washington State Department of Ecology issues a stormwater general permit to limit the amount of pollution that drains into lakes, rivers, and marine waters. These permits are guided by both the federal water pollution permit program and by state laws.



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12. This proposal has no clearly identifiable conflicts with local, state or federal laws to protect the environment. As previously stated, all any future project-specific application is subject to review under and must comply with regulations in effect at the time of submittal, such as the Thurston County Code, including the Critical Areas Ordinance and State Environmental Policy Act; the Thurston County Sanitary code; associated policies; and applicable Washington Administrative Code.

2016105567



Thurston County Permit Assistance Center
2000 Lakeridge Dr. SW, Olympia, WA 98502
(360) 786-5490 | (360) 754-2939 (Fax)
TDD Line (360) 754-2933
Email: permit@co.thurston.wa.us
www.co.thurston.wa.us/permitting
Creating Solutions for Our Future

MASTER APPLICATION

This Application Must Accompany A Project Specific Supplemental Application

STAFF USE ONLY	DATE STAMP
2016105567 17-107649 XA Area: Site: 11123 DURGIN RD SE OLYMPIA 21817140200 Sub Type: Hearing Examiner	THURSTON COUNTY RECEIVED JUN 19 2017 RESOURCE STEWARDSHIP Intake By: <i>[Signature]</i>

Property Tax Parcel Number(s): 21817140200

Subdivision Name (if applicable): NA

Property Address: 11125 Durgin Road Southeast City: Olympia Zip Code: 98513

Directions to the Property:
I-5 southbound, take Exit 116 toward Mounts Road/Old Nisqually. Turn left onto Nisqually Road. Nisqually road becomes Old Pacific Highway SE. Turn left onto Durgin Road SE. Site on right.

Property Access: ☒ Existing ☐ Proposed

Access Type: ☐ Private Driveway ☐ Shared Driveway ☐ Private Road ☒ Public Road

Property Access Issues (locked gate, code required, dogs or other animals): ☐ No ☒ Yes If yes, Describe:
This is an active mine site. Please contact site office (360) 491-5460 to notify of planned site visit.

(property owner is responsible for securing animals prior to site visit)

Water Supply: ☒ Existing ☐ Proposed

Water Supply Type: ☐ Single Family ☐ Two Single Family Residential ☒ Group A ☐ Group B
☐ Group B Exempt Name of Community Water System:
City of Lacey

Waste Water Sewage Disposal: ☒ Existing ☐ Proposed ☒ Individual Septic System ☐ Sewer
☐ Community Septic System Name of Public System:

DESCRIPTION OF PROJECT PROPOSAL (attach additional sheet if needed)

Please see attached description.

BILLING OF INVOICES

The base application fee charged at the time of application covers base hours listed on the fee schedule. When the base hours by a Department are used, a monthly billing invoice will be generated for additional hours at the hourly rate listed on the fee schedule. Should review of the project exceed the base hours allotted, billing invoices shall be mailed to:

☐ Owner ☒ Applicant ☒ Point of Contact

Additional property owner sheets can be obtained online at www.co.thurston.wa.us/permitting

EMAIL: An email address is required if you would like communication to be provided by email.

Property Owner: Nielson Pacific LTD

Mailing Address: P.O. Box 39009

City: Lakewood State: WA Zip Code: 98496

Phone #: (253) 474-0725

Fax #:

Cell #: E-mail:

Signature: * Date:

Applicant (if different than owner): Lakeside Industries, Inc.


Mailing Address: P.O. Box 7016

City: Issaquah State: WA Zip Code: 98027

Phone #: (425) 313-2600

Fax #: (425) 313-2631

Cell #: E-mail:

Signature: *  Date: 6-19-2017

Point of Contact: Karen Deal


Mailing Address: P.O. Box 7016

City: Issaquah State: Zip Code:

Phone #: (425) 313-2660

Fax #: (425) 313-2631

Cell #: (425) 864-5081 E-mail: karen.deal@lakesideindustries.com

Signature: *  Date: 6-19-2017

*Application is hereby made for a permit or permits to authorize the activities described herein. I certify that I am familiar with the information contained in the application and that to the best of my knowledge and belief, such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities. I hereby grant to the agencies to which this application is made or forwarded, the right to enter the above-described location to inspect the proposed, in-progress or completed work. I agree to start work only after all necessary permits/approvals have been received.

Description of Project Proposal

Lakeside Industries is seeking a text amendment to the Thurston County Comprehensive Plan - Nisqually Sub-Area Plan (NSAP). Specifically, Lakeside is seeking an amendment to Policy E.5 of the NSAP. Policy E.5 currently precludes processing of reclaimed asphalt pavement (RAP) due to water quality concerns. Policy E.5 is obsolete based on current proven scientific research and current progressive and sustainable public policy. Many agencies and jurisdictions are beginning to mandate recycle of RAP. Not allowing recycle of RAP is in direct contradiction to Thurston County Resolution No. 13755 which encourages the County to "demonstrate leadership by incorporating environmentally sustainable practices into its operations that preserve natural resources, conserve energy, eliminate waste and emissions, and lessen overall environmental impact"(Attachment 4). As such, Lakeside wishes to begin recycling RAP by incorporating it into its permitted hot-mix asphalt production process located within the Affected Geographic Area. To allow recycling, Policy E.5 must first be revised and updated to meet current policy standards.



#2016105567

Thurston County Resource Stewardship
2000 Lakeridge Dr. S.W. Olympia, WA 98502
(360)786-5490 / (360)754-2939 (Fax)
TDD Line (360) 754-2933
Email: permit@co.thurston.wa.us
www.co.thurston.wa.us/permitting

Supplemental Application ENVIRONMENTAL CHECKLIST (SEPA)

STAFF USE ONLY	DATE STAMP
<p style="font-size: 2em; opacity: 0.5; text-align: center;">I A D D Y</p> <p>2016105567 17-107649 XA Area: Site: 11123 DURGIN RD SE OLYMPIA 21817140200 Sub Type: Hearing Examiner</p> <p style="text-align: center;"><u>STAFF USE ONLY</u></p>	<p>THURSTON COUNTY RECEIVED</p> <p style="color: red; font-size: 1.2em;">JUN 19 2017</p> <p>RESOURCE STEWARDSHIP</p>
<p style="text-align: right;">Intake by: <u></u></p>	

This application form cannot be submitted alone. In addition to this form, a complete application package includes:

Applicant Use	SUBMITTAL CHECKLIST	Staff Use Only
<input checked="" type="checkbox"/>	Master application.	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Applicable processing fees. <i>Refer to current fee schedules. Depending on the adopted fee structure, additional fees may occur if base hours/fees at intake are exhausted.</i>	<input type="checkbox"/>
<input type="checkbox"/>	Site plan – One copy of a site plan, drawn to scale on 8 ½ x 11 or 11 X 17 paper, which depicts all items outlined in the attached site plan submittal requirements.	<input type="checkbox"/>
<input type="checkbox"/>	Environmental reports (wetland report, mitigation plan, geotechnical report, etc.) as required.	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Signature and date.	<input type="checkbox"/>

Instructions for Applicants

This Environmental Checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an Environmental Impact Statement (EIS). Answer the questions briefly, with the most precise information known, or give the best description you can. **DO NOT WRITE IN THE AREA THAT IS SPECIFIED FOR AGENCY USE ONLY AND USE ONLY THE ENVIRONMENTAL CHECKLIST APPLICATION PROVIDED BY THURSTON COUNTY.**

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be a significant adverse impact.

Use of Checklist for Non-Project Proposals:

Non-project proposals are those which are not tied to a specific site, such as adoption of plans, policies or ordinances. Complete the Environmental Checklist for non-project proposals even though questions may be answered "does not apply." In addition, complete the Supplemental Sheet for Non-project Actions (Part D).

For non-project actions, the references in the application to the words "project," "applicant," and "property" should read as "proposal," "proposer," and "affected geographic area," respectively.

Supplemental and Site Plan Submittal Requirements

This application shall contain and/or address the following in a clear, accurate and intelligible form. Submit this checklist with your application. Check the box for each item addressed. Provide an explanation for any unchecked item.

Applicant Use	Supplemental and Site Plan Submittal Requirements	Staff Use Only
<input type="checkbox"/>	1. The project site must be identified in the field by posting an identification sign visible from the access road and by flagging the property corners and the center of the driveway/road access location. The purpose of the sign is for project identification rather than public notification. The sign and flagging are provided by Thurston County and can be obtained at the Permit Assistance Center.	<input type="checkbox"/>
<input type="checkbox"/>	2. One copy of a site plan, drawn to scale (standard engineer scale) on 8 1/2" x 11" or 11" X 17" paper, which depicts the following:	<input type="checkbox"/>
<input type="checkbox"/>	a. All information drawn to scale (standard engineer scale).	<input type="checkbox"/>
<input type="checkbox"/>	b. A north arrow, map scale, date and site address.	<input type="checkbox"/>
<input type="checkbox"/>	c. Property boundary lines and dimensions for <u>all</u> affected parcel(s).	<input type="checkbox"/>
<input type="checkbox"/>	d. The location of all existing structures, including, but not limited to, mobile homes, houses, sheds, garages, barns, fences, culverts, bridges, and storage tanks.	<input type="checkbox"/>
<input type="checkbox"/>	e. All means, existing and proposed vehicular and pedestrian ingress and egress to and from the site, such as driveways, streets and fire access roads, including existing road names and existing county and state right-of-way.	<input type="checkbox"/>
<input type="checkbox"/>	f. The location of all existing and proposed easements	<input type="checkbox"/>
<input type="checkbox"/>	g. The location of all existing proposed public and on-site utility structures and lines, such as on-site septic tanks, drainfields and reserve areas, water lines, wells and springs.	<input type="checkbox"/>
<input type="checkbox"/>	h. The location of all critical areas including, but not limited to, shorelines, wetlands, streams, flood zones, lakes, high groundwater, and steep slopes.	<input type="checkbox"/>
<input type="checkbox"/>	i. Vicinity sketch, at a scale of not less than three (3) inches to the mile, indicating the boundary lines and names of adjacent developments, streets and boundary lines of adjacent parcels, and the relationship of the proposed development to major roads and highways.	<input type="checkbox"/>
<input type="checkbox"/>	j. Include acreage and square footage within each parcel.	<input type="checkbox"/>
<input type="checkbox"/>	k. Description of proposed grading, including a written estimate of both cut and fill quantities in cubic yards and a map showing the location of cut and fill areas.	<input type="checkbox"/>

Applicant Use	Supplemental and Site Plan Submittal Requirements	Staff Use Only
<input type="checkbox"/>	l. Description of proposed grading, including a written estimate of both cut and fill quantities in cubic yards and a map showing the location of cut and fill areas.	<input type="checkbox"/>
<input type="checkbox"/>	m. Topographic information showing two-foot contours for the entire subject parcel or parcels and a minimum of fifty feet into adjacent parcels, based on available county information. The topographic information may be generalized to the smallest, even-numbered, contour interval that is legible in areas of steep slopes where two-foot contour lines would otherwise be illegible to read.	<input type="checkbox"/>
<input type="checkbox"/>	3. Environmental reports (wetland report, mitigation plan, geotechnical report, etc.) as required.	<input type="checkbox"/>

#2016105567



**THURSTON COUNTY
RESOURCE STEWARDSHIP
ENVIRONMENTAL CHECKLIST**

THURSTON COUNTY
RECEIVED

JUN 22 2017

RESOURCE STEWARDSHIP

"USE BLACK INK ONLY"

1. Applicant: Lakeside Industries, Inc.
Address: P.O. Box 7016
Issaquah, WA 98027
Phone: (425) 313-2600
Cell: (425) 864-5081
E-Mail Address: karen.deal@lakesideindustries.com

**** OFFICIAL USE ONLY ****

Folder Sequence # 17 107649 XA
Project # : 2016105567
Related Cases: _____
Date Received: 7/2017 By: C. Adair

**** OFFICIAL USE ONLY ****

Reviewed MBT 9/25/20

2. Point of Contact: Karen Deal
Address: P.O. Box 7016
Issaquah, WA 98027
Phone: (425) 313-2660
Cell: (425) 864-5081
E-Mail Address: karen.deal@lakesideindustries.com

3. Owner: NA
Address: NA
NA
Phone: NA
Cell: _____
E-Mail Address: NA

4. Property Address or location:

NA - N isquallySub-Area; Reference Thurston County Comprehensive Plan Map M-15

5. Quarter/Quarter Section/Township/Range: NA - Ref Comp Plan Map M-15

6. Tax Parcel #: N isquallySub-Area - Ref Comp Plan Map M-15

7. Total Acres: 8,980 - Ref Comp Plan Map M-15

8. Permit Type: Comprehensive Plan Text Amendment

9. Zoning: Multiple Zones - Ref Comp Plan Map M-15

10. Shoreline Environment: McAllister Creek, N isquallyRiver, N isquallyReach - Ref Comp Plan Map M-15

11. Water Body: See response to 10 above.

12. Brief Description of the Proposal and Project Name:

Proposal Proponent, Lakeside Industries, is seeking a text amendment to the Thurston County Comprehensive Plan - N isquallySub-Area Plan (N SAP). Specifically, Lakeside is seeking an amendment to Policy E.5 of the N SAP. Proposal Name: N SAP Policy E.5 Amendment.

Thurston County
Resource Stewardship
Environmental Checklist

13. Did you attend a presubmission conference for this project? ☒ Yes ☐ No

If yes, when? _____

14. Estimated Project Completion Date: NA

15. List of all Permits, Licenses or Government Approvals Required for the Proposal (federal, state and local--including rezones):

NA

16. Do you have any plans for future additions, expansion or further activity related to or connected with this proposal? If yes, explain:

No. There are no plans for additional text amendments related to this proposal.

17. Do you know of any plans by others which may affect the property covered by your proposal? If yes, explain:

No

18. Proposed timing or schedule (including phasing, if applicable):

NA

19. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

There is a body of technical information and evidence available to support the deminimus environmental impacts associated with the recycling of RAP. Some of these sources of information are appended to the application for "Comprehensive Plan Amendment" and some will be incorporated directly into the application.



THURSTON COUNTY RESOURCE STEWARDSHIP ENVIRONMENTAL ELEMENTS

To be Completed by Applicant

1. Earth

a. General description of the site (check one):

☐ Flat

☐ Rolling

☐ Hilly

☐ Steep Slopes

☐ Mountainous

☒ Other: Variable terrain within Affected Geographic Area

b. What is the steepest slope on the site (approximate percent slope)?

NA

c. What general types of soils are found on the site (for example, clay, sand gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

NA

d. Are there surface indicators or history of unstable soils in the immediate vicinity? If so, describe.

NA

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

NA

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

NA

Evaluation for Agency Use Only

*Variable
within Nisqually
Subarea*

To be Completed by Applicant

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

NA

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

NA

2. Air

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Recycling of RAP does not increase emissions to the air. In fact, recycling RAP reduces net air emissions. See application for details.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:

NA

3. Water

- a. Surface

- (1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

The Affected Geographic Area is bound to the east by the Nisqually River and to the west by McAllister Creek.

To be Completed by Applicant

**Evaluation for
Agency Use Only**

- (2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

No

- (3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

NA

- (4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No

- (5) Does the proposal lie within a 100-year flood plain? If so, note location on the site plan.

No

- (6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No

b. Ground

- (1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximately quantities if known.

No

Some areas
within the Nisqually
subarea include 100-
year floodplain.
varies by site.

To be Completed by Applicant

- (2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: domestic sewage; industrial, containing the following chemicals; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

NA

c. Water Run-off (including stormwater)

- (1) Describe the source of runoff (including stormwater) and method of collection and disposal, if any (include quantities, in known). Where will this water flow? Will this water flow into other waters? If so, describe.

Stormwater runoff is collected, contained, and treated on-site.
There will be no change as the result of the use of RAP.

- (2) Could waste materials enter ground or surface waters? If so, generally describe

No

- (3) Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

NA

4. Plants

- a. Check the types of vegetation found on the site:

☒ Deciduous tree: ☐ alder ☐ maple ☐ aspen ☐ other _____

☒ Evergreen tree: ☐ fir ☐ cedar ☐ pine ☐ other _____

☒ Shrubs

☒ Grass

☐ Pasture

☐ Crop or grain

☒ Wet soil plants: ☐ cattail ☐ buttercup ☐ bulrush ☐ skunk cabbage
other _____

☒ Water plants: ☐ water lily ☐ eelgrass ☐ milfoil ☐ other _____

Other types of vegetation _____

To be Completed by Applicant

- b. What kind and amount of vegetation will be removed or altered?

NA

- c. List threatened or endangered species known to be on or near the site.

NA

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

NA

5. **Animals**

- a. Check any birds and animals which have been observed on or near the site or are known to be on or near the site:

☒ **Birds:** ☐ hawk, ☐ heron, ☐ eagle, ☐ songbirds,
 ☐ other: _____

☒ **Mammals** ☐ deer, ☐ bear, ☐ elk, ☐ beaver,
 ☐ other: _____

☒ **Fish:** ☐ bass, ☐ salmon, ☐ trout, ☐ herring, ☐ shellfish,
 ☐ other: _____

- b. List any threatened or endangered species known to be on or near the site.

NA

- c. Is the site part of a migration route? If so, explain.

NA

- d. Proposed measures to preserve or enhance wildlife, if any:

NA

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6. Energy and Natural Resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

No additional energy is required to recycle RAP. In fact, there is a net reduction in energy needs when recycling RAP.

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any

Recycling of RAP conserves energy by reducing the consumption of fossil fuels and asphalt cement.

7. Environmental Health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

No

- (1) Describe special emergency services that might be required.

None

- (2) Proposed measures to reduce or control environmental health hazards, if any:

NA

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b. Noise

- (1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

NA

- (2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

No new or additional noise impacts will occur.

- (3) Proposed measures to reduce or control noise impacts, if any:

NA

8. Land and Shoreline Use

- a. What is the current use of the site and adjacent properties?

The Affected Geographic Area has multiple uses.

- b. Has the site been used for agriculture? If so, describe.

No

- c. Describe any structures on the site.

Hot-mix asphalt plant and appurtenances.

- d. Will any structures be demolished? If so, what?

No

- e. What is the current zoning classification of the site?

The Affected Geographic Area has multiple zoning classifications.

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- f. What is the current comprehensive plan designation of the site?

The Affected Geographic Area has multiple comprehensive plan designations.

- g. If applicable, what is the current Shoreline Master Program designation of the site?

NA

- h. Has any part of the site been classified an "environmentally sensitive" area? If so, specify.

No

- i. Approximately how many people would reside or work in the completed project?

NA

- j. Approximately how many people would the completed project displace?

None

- k. Proposed measures to avoid or reduce displacement impacts, if any?

NA

- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

NA

9. **Housing**

- a. Approximately how many units would be provided, if any? Indicate whether high-, middle-, or low-income housing.

NA

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- b. Approximately how many units, if any, would be eliminated? Indicate whether high-, middle-, or low-income housing.

None

- c. Proposed measures to reduce or control housing impacts, if any:

NA

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

NA

- b. What views in the immediate vicinity would be altered or obstructed?

None

- c. Proposed measures to reduce or control aesthetic impacts, if any:

NA

11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

No type of light or glare is produced by the proposal.

- b. Could light or glare from the finished project be a safety hazard or interfere with views?

NA

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- c. What existing off-site sources of light or glare may affect your proposal?

No off-site source of light or glare affect the proposal.

- d. Proposed measures to reduce or control light and glare impacts, if any:

NA

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?

None

- b. Would the proposed project displace any existing recreational uses? If so, describe.

No

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

NA

13. Historic and Cultural Preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

No

- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

NA

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- c. Proposed measures to reduce or control impacts, if any

NA

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

NA

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

No

- c. How many parking spaces would the completed project have? How many would the project eliminate?

None

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

No

- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

NA

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- g. Proposed measures to reduce or control transportation impacts, if any:

NA

15. Public Services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

No

- b. Proposed measures to reduce or control direct impacts on public services, if any.

NA

16. Utilities

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

NA

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.


None

17. Signature

- a. The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Print Name Karen Deal

Date Submitted June 22, 2017

Signature: 



THURSTON COUNTY
SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS
(Do not use this sheet for project actions)

Non-project proposals are those which are not tied to a specific site, such as adoption of plans, policies, or ordinances.

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment. When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

To be Completed by Applicant

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

There will be no new or modified impacts to the air, water or local environment.

Proposed measures to avoid or reduce such increases are:

There is no increase in emissions or water discharges or production of noise.

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Storage and recycling of RAP at approved and permitted hot-mix asphalt facilities will not affect plants, animals, fish, or marine life.

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

No measure beyond those already required by Special Use Permits (specifically Lakeside's SUPT990457) are proposed.

3. How would the proposal be likely to deplete energy or natural resources?

No energy or natural resources will be depleted. The proposal results in a conservation of energy and natural resources.

Proposed measures to protect or conserve energy and natural resources are:

Recycling RAP protects and conserves energy and natural resources and diverts a recyclable product from the landfill thus conserving landfill space. Recycling RAP decreases construction time and associated indirect energy and natural resource consumption.

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proposal could
result in storage
of RAP or increased
noise from milling
asphalt.

Future operations
subject to development
regulations, state +
federal law.

current measures
in Title 24 would
apply to all future
permits

To be Completed by Applicant

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, flood plains, or prime farmlands?

NA. This proposal will have no additional or changed impacts.

Proposed measures to protect such resources or to avoid or reduce impacts are:

NA

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

NA. This proposal will not affect land or shoreline use.

Proposed measures to avoid or reduce shoreline and land use impacts are

NA

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

NA. This proposal will not increase demands.

Proposed measures to reduce or respond to such demand(s) are:

NA

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment

No conflicts. Recycling of RAP is permitted by Thurston County subject to the requirements of TCC 17.20 and 20.54.

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Policy change
programmatic in
nature. Permitted
operations could
negatively impact
sensitive areas, parks,
etc. if adjacent

Current measures
under T, He 24 and 17.20