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SEPA ENVIRONMENTAL CHECKLIST

WAIT – You may not need to fill out the attached checklist.

Please read and check the following:

The State Environmental Policy Act (SEPA) requires that the SEPA process be completed for every project which requires an Air Discharge Permit unless the project is specifically exempted under WAC 197-11-800 Categorical Exemptions. The SEPA process needs to be completed only once per project. The SEPA process/determination is to be completed by the Lead Agency for the project. If a SEPA determination has been made by an Agency other than the Southwest Clean Air Agency (SWCAA) for this project, respond to the following questions.

If you can answer "yes" to either of the following questions with respect to the action being proposed, the attached checklist need not be completed.

1.	I have obtained a State, City or County P	ermit and filled out an e	environmental	checklist.		
	Yes	\boxtimes	No			
	If you answered "yes", list the State, City checklist.	y or County Departmer	nt and date be	elow and attach a copy of the		
	State, City or County De	epartment		Date		
2.	An environmental checklist or assessmen	nt has previously been t	filled out for an	other agency.		
	Yes	\boxtimes	No			
	If "yes", give agency and date, and attach a copy of the checklist.					
	Agency Name	<u> </u>		Date		
	our answer to both of the above question cklist.	s was "No", you must	t fill out the a	ttached SEPA Environmental		
		Prepared by:	2			
			Signatu	re		
		Bryan Mirick				
			Print Nar	ne		
		Environmental Engin	eer			
			Title			

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SEPA environmental checklist

updated March 2015

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to <u>all parts of your proposal</u>, 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 significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals:

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B – Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.



SEPA Environmental Checklist

A. BACKGROUND

 Name of proposed project, if applicable: Increase the long term Nitric Acid and Fluorides as HF emission limits for WaferTech's Air Discharge Permit for acid scrubbers 1F1-SCR-01, 1F1-SCR-02, 1F1-SCR-03, 1F1-SCR-04, 1F1-SCR-15, 1F2-SCR-01/02 and 1P5-SCR-01/02.
Name of applicant: WaferTech L.L.C.
 Address and phone number of applicant and contact person: 5509 NW Parker St., Camas, WA 98607. 360-817-3000. Bryan Mirick, Environmental Engineer.
4. Date checklist prepared: November 4, 2020
5. Agency requesting checklist: Southwest Clean Air Agency
6. Proposed timing or schedule (including phasing, if applicable): November,2020- May, 2021
 Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. No.

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

The 2019 required emissions monitoring and testing for acid scrubber 1F1-SCR-15 showed the scrubber exceeding the long term mass emissions for Nitric Acid and Fluorides as HF per Air Discharge Permit 19-3351.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

No other applications or approvals are pending directly affecting this property.

- List any government approvals or permits that will be needed for your proposal, if known.
 Southwest Clean Air Agency approval for WaferTech's revised Air Discharge Permit is needed for this proposal.
- 11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

This proposal is to increase annual Nitric Acid and Fluorides as HF mass emission limits for seven acid scrubbers. The existing permit limits were set without source testing data. This permit revision request seeks to raise these limits to better reflect actual emissions from the acid scrubbers which have increased due to production increases and changes in processes, allowing for some production increase.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

This project will be at WaferTech's Fabrication roof acid scrubber stacks, located at 5509 NW Parker St., Camas, WA 98607.

Latitude: 45 37 10 Longitude: 122 27 16

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site
☐ Flat 図 Rolling ☐ Hilly ☐ Steep slopes ☐ Mountainous ☐ Other (specify below)
b. What is the steepest slope on the site (approximate percent slope)? The steepest slope is not applicable for this project as this is for an air emission request
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 agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.
Site is predominately clayey silt. The soil conservation service soil types are Cove silty clay loam, Hesson clay loam and Powell silt loam. No soil will be removed.
d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.
No, there are no surface indications or history of unstable soils in the immediate vicinity.
 e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. There will be no filling, excavation or grading due to this project.
f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. No, no erosion could occur.
About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
0% change to impervious surfaces after project completion, this is an air emission request.
Proposed measures to reduce or control erosion, or other impacts to the earth, if any: No erosion control measures are proposed or needed.

2. Air

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

Change to increase Nitric Acid and Fluorides as HF permit mass emission limits for 7 acid scrubber stacks. The current limits were calculated without using recent source testing data which data from the 2019 source tests show acid scrubber 1F1-SCR-15 can emit more than calculated in the current permit.

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

No, no offsite sources would affect this proposal: areas around the site are neighborhoods, schools and light industry.

c. Proposed measures to reduce or control emissions or other impacts to air, if any: No measures to control emissions or other impacts to air are proposed.

3. Water

- a. Surface Water:
 - (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.

There are no surface bodies of water in the immediate vicinity. WaferTech has 2 on-site stormwater detention ponds, which drain to on-site wetlands. The wetlands drain to the nearest water body, Dwyer Creek, approximately 1/2 mile west of the site. This project will not create any impacts to surface water.

(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, this project involves air emissions and will not require any work at or near water.

(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.

0% fill or dredge will be placed or removed from WaferTech.

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

No, this proposal will not require any surface water withdrawals or diversions.

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

(1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

No, no groundwater will be withdrawn or used for this project.

(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.

No waste materials will be discharged into ground from septic tanks or other sources.

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

No water runoff, including stormwater, will be created or impacted as a result of this project.

- (2) Could waste materials enter ground or surface waters? If so, generally describe. No. no waste materials will be involved or created.
 - (3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No, this proposal will not alter or affect drainage patterns in the vicinity of this site.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

No measures will be needed to reduce or control surface, ground or runoff waters; and no drainage patterns will be impacted, therefore no measures are proposed to control these.

4. Plants

a.	a. Check the types of vegetation found on the site:		
	 ☑ Deciduous trees: alder, maple, aspen, other ☑ Evergreen trees: 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 Orchards, vineyards or other permanent crops. Other types of vegetation (list below) 	
	What kind and amount of vegetation will be regetation will be removed or altered.	e removed or altered?	
	List threatened and endangered species ki hreatened or endangered species are known to		
	Proposed landscaping, use of native plant tation on the site, if any: changes to landscaping are proposed.	s, or other measures to preserve or enhance vege-	
No r wee	List all noxious weeds and invasive species noxious weeds are known to be at or near site. Vods and invasive species. Clark County identifies tests to control these. WaferTech will comply with	VaferTech uses a landscaping contractor to control areas with noxious weeds and notifies businesses with	

5. Animals

a. List any birds and other animals which have been observed on or be on or near the site. Examples include:	near the site or are known to
birds: ☑ hawk ☒ heron ☒ eagle ☒ songbirds ☒ other:	Ducks, Geese
mammals: ⊠ deer □ bear □ elk ⊠ beaver ⊠ other:	Rabbits, Coyotes, small mamm
fish: □ bass □ salmon □ trout □ herring □ shellfish, other	
b. List any threatened and endangered species known to be on or n None to be at or near the site.	ear the site.
c. Is the site part of a migration route? If so, explain. Yes, it is part of the SW Washington Pacific Flyway.	
d. Proposed measures to preserve or enhance wildlife, if any: No measures are proposed or needed to preserve or enhance wildlife.	
e. List any invasive animal species known to be on or near the site. No invasive animal species, other than those known to be throughout Clark (near the site.	County, are known to be at or
6. Energy and Natural Resources	
 a. What kinds of energy (electric, natural gas, oil, wood stove, so completed project's energy needs? Describe whether it will be use etc. 	
This project will not create a change to energy needs. The acid scrubbers ruchange to how long they run or what type of energy is used.	n on electricity, there will be no
 Would your project affect the potential use of solar energy by adjationally describe. 	acent properties? If so, gener-
No, this project will not affect solar energy use by adjacent properties.	
 c. What kinds of energy conservation features are included in the pla proposed measures to reduce or control energy impacts, if any: No energy conservation features are needed or proposed with this project. 	ans of this proposal? List other

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 change to environmental health hazards or risks to toxic chemicals, fire or explosion or possible spill or hazardous wastes. The permit limit changes requested seeks to add source test data to aid in calculating emissions factors for Nitric Acid and Fluorides as HF.

- (1) Describe any known or possible contamination at the site from present or past uses. No known or possible contamination is present at the site from current or past uses.
 - (2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

There will be no change of existing hazardous chemicals or conditions affecting this project. This project does not propose using any new hazardous chemicals and does not involve any underground activities.

(3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

No new toxic or hazardous chemicals will be stored, used or produced as a result of this project. Nitric acid and fluorides as HF are currently generated from WaferTech, the permit change seeks to adjust permit limits to reflect more accurately the emissions discharged from the acid scrubbers.

(4) Describe special emergency services that might be required.

No special emergency services are needed or required for this project. WaferTech has an on-site Emergency Response Team, consisting of about 100 well trained employees, who respond to emergencies at WaferTech. The team uses the Incident Command System and participates in Clark County LEPC drills.

(5) Proposed measures to reduce or control environmental health hazards, if any: No measures are proposed or needed to reduce or control environmental health hazards.

b. Noise

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

There will be no change to noise in the area as a result of this project.

(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.

There will be no noise created by this project either short term or long term.

(3) Proposed measures to reduce or control noise impacts, if any: No measures are needed or proposed to control noise impacts.

8. Land and Shoreline Use

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

The current use of the site is to manufacture semiconductors (computer chips). Adjacent properties uses include schools, neighborhoods, parks, wetlands, commercial and light industry.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to non-farm or non-forest use?

No, this site is not used for working farmland or working forest lands. No lands will be converted.

Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

This project will not affect or be affected by surrounding working farm or forest lands.

c. Describe any structures on the site.

This site has an administrative building (offices), fabrication building (manufacturing), warehouse, electrical switch yard, a central utility plant (housing boilers, chillers, emergency generators and water recycling plant), gas yard wastewater treatment plant, waste storage buildings and a sanitary solids building.

- d. Will any structures be demolished? If so, what? No.
- e. What is the current zoning classification of the site? Light industrial business park
- f. What is the current comprehensive plan designation of the site? Light industrial business park.

g. If applicable, what is the current shoreline master program designation of the site? Not applicable
h. Has any part of the site been classified as a critical area by the city or county? If so, specify. No.
 i. Approximately how many people would reside or work in the completed project? No change to the people who work or reside in the area. WaferTech currently employs about 1,000.
j. Approximately how many people would the completed project displace? No people will be displaced after the project is complete.
k. Proposed measures to avoid or reduce displacement impacts, if any: None needed or proposed.
Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: No measures are proposed or needed.

9. Housing

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

No housing is needed or planned.

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

No units would be eliminated.

This project is compatible with any nearby agriculture and forest lands.

C.	Proposed measures to reduce or control housing impacts, if any:
No	measures are proposed or needed.

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?

No structure is proposed for this project.

- b. What views in the immediate vicinity would be altered or obstructed? There will be no view altered or obstructed.
- c. Proposed measures to reduce or control aesthetic impacts, if any: No measures are proposed or needed to control aesthetics.

11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? No light or glare will be changed. The project will occur twenty-four hours a day, as the acid scrubbers currently run at all hours, no change to operation run hours will occur.
- b. Could light or glare from the finished project be a safety hazard or interfere with views? No, there will be no change to light or glare from the finished project and no safety hazard or interference with the view will occur.
- c. What existing off-site sources of light or glare may affect your proposal? No off-site sources of light or glare will affect this proposal.
- d. Proposed measures to reduce or control light and glare impacts, if any: No measures are proposed or needed.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity? Boating and fishing at Lacamas Lake, hiking, golfing and school athletic activities are nearby.
- 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:

No measures are proposed or needed.

13. Historic and Cultural Preservation

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, specifically describe.

No.

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

Yes, there is evidence of a chipping station used to create or sharpen tools at approximately 2,000 feet east of the site. The proposed project is across Parker St. from the chipping station.

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

No measures are proposed.

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

No measures are proposed or needed to avoid, minimize or compensate for loss or changes to resources as these will not be disturbed or changed by the proposal.

14. Transportation

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

Public streets include Lake Road (First Street), Parker St., Mill plain and 192nd. Nearby highways include I-205, SR 14, SR 500 and SR 503. There is no change to access to the site proposed.

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

No, the site is served by public transit. The C-Tran commuter Bus may be used to transport to and from WaferTech from the Fisher Transit Center.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

None.

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

No.

e. Will the project or proposal 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 or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?

No vehicular trips will be generated by the project.

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

No.

h. Proposed measures to reduce or control transportation impacts, if any: No measures are proposed or needed.

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		result in an increased nee public transit, health care,		
b. None	•	es to reduce or control dire	ect impacts on public ser	vices, if any.
16. Utili	ities			
a.	Utilities currently	available at the site:		
☑ electricity ☑ water ☑ telephone ☐ septic syster ☑ natural gas ☑ refuse service ☑ sanitary sewer ☐ other (list be				
		es that are proposed for the on activities on the site or for the project.		
			of my knowledge. I unde	rstand that the lead agency
Signatu	re:	Solu Hut		
Name o	f signee:	Sally Hurst		
Position Organiz	and Agency ation:	WaferTech EH&S Manager		
Date Sig	gned:	11/6/2020		

D. Supplemental Sheet for Nonproject Actions

(IT IS NOT NECESSARY to use the Supplemental Sheet for project actions)

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.

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?
	Proposed measures to avoid or reduce such increases are:
2.	How would the proposal be likely to affect plants, animals, fish, or marine life?
	Proposed measures to protect or conserve plants, animals, fish, or marine life are:
3.	How would the proposal be likely to deplete energy or natural resources?
	Proposed measures to protect or conserve energy and natural resources are:

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, floodplains, or prime farmlands?
	Proposed measures to protect such resources or to avoid or reduce impacts are:
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?
	Proposed measures to avoid or reduce shoreline and land use impacts are:
6.	How would the proposal be likely to increase demands on transportation or public services and utilities?
	Proposed measures to reduce or respond to such demand(s) are:
7.	Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.