

SEPA ENVIRONMENTAL CHECKLIST

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 **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 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.

A. Background [Find help answering background questions](#)

1. Name of proposed project, if applicable:

McKinley Paper Company Crane Tower and Fixed Pier Removal and Demolition

2. Name of applicant:

2a. Name (Last, First, Middle)			
Nishimoto, Terry			
2b. Organization (If applicable)			
McKinley Paper Company			
2c. Mailing Address (Street or PO Box)			
1815 Marine Dr			
2d. City, State, Zip			
Port Angeles, WA, 98363			
2e. Phone (1)	2f. Phone (2)	2g. Fax	2h. E-mail
(360)584-3303			terry.nishimoto@biopappel.com

3. Address and phone number of applicant and contact person:

3a. Name (Last, First, Middle)			
Simonetti, Tabitha			
3b. Organization (If applicable)			
Marine Floats			
3c. Mailing Address (Street or PO Box)			
313 East F St			
3d. City, State, Zip			
Tacoma, WA, 98421			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail
(253)383-2740	Direct office line: 253.386.9201		tabitha@marinefloats.com

4. Date checklist prepared:

May 1, 2025

5. Agency requesting checklist:

City of Port Angeles

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

Upon Permit Approval

7. 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.

SEPA, ESA consultation documents for USACE permit

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

10. List any government approvals or permits that will be needed for your proposal, if known.

City of Port Angeles- Shoreline Exemption

WDFW- Hydraulic Project Approval

DNR- Lease Approval/ Work Authorization

USACE- Permit Approval

11. Give a 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 project proposes the demolition and disposal of existing crane tower and fixed pier. The crane tower will consist of the removal and disposal of 22 freestanding piling, existing “stiff leg” pier bracing, stringers, and about 30 creosote piling. The fixed pier will consist of the removal and disposal of existing 38' x 100' creosote pier, including about 58 creosote treated wood piling, pile caps, stringers, and decking

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.

5a. Indicate the type of ownership of the property. (Check all that apply.) [help]			
<input checked="" type="checkbox"/> Private <input type="checkbox"/> Federal <input type="checkbox"/> Publicly owned (state, county, city, special districts like schools, ports, etc.) <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Department of Natural Resources (DNR) – managed aquatic lands (Complete JARPA Attachment E)			
5b. Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5p.) [help]			
1815 Marine Dr			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Port Angeles, WA 98363			
5d. County [help]			
Clallam			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
	31	31N	06W
5f. Provide the latitude and longitude of the project location. [help]			
<ul style="list-style-type: none"> Example: 47.03922 N lat. / -122.89142 W long. (Use decimal degrees - NAD 83) 			
48.13236, -123.46611			
5g. List the tax parcel number(s) for the project location. [help]			
<ul style="list-style-type: none"> The local county assessor’s office can provide this information. 			
063000014605, 063100000000, 063000014615			

B. Environmental Elements

1. Earth [Find help answering earth questions](#)

a. General description of the site:

The site is a highly developed area within Port Angeles comprising industrial logging facilities and parking lots.

Circle or highlight one: **Flat, rolling**, hilly, steep slopes, mountainous, other:

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

0-15% Slopes

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.

The site is located over water, only beach substrate is present.

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

No- N/A to project- project will occur overwater.

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.

No filling, excavation, or grading.

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

No- project is overwater.

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

The site is highly developed, and the proposed project will remove an existing 3,800-square-foot overwater structure, reducing overwater coverage by 3,800 square feet and removing approximately 52 creosote-treated piles.

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

None- no soil impact project will occur overwater.

2. Air [Find help answering air questions](#)

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.

Emissions will come from boats and operating equipment during construction. Demolition project.

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

None known- marine environment.

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

None- NA

3. Water [Find help answering water questions](#)

a. Surface Water: [Find help answering surface water questions](#)

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.

Yes- project occurs in/ overwater – Port Angeles Harbor & Strait of Juan de Fuca

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.

Yes demolition will occur overwater. See attached plans.

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.

None

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

No

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

Yes – FEMA Flood Zone Callam County Unincorporated Areas 530021, Zone AE/ (EL 13)

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 discharge into waters. All demolition disposed of at an approved upland facility.

b. Ground Water: [Find help answering ground water questions](#)

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 a general description, purpose, and approximate quantities if known.

No- N/A to project

2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (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- N/A to project

c. Water Runoff (including stormwater):

- a) 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.

N/A to project

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

No- N/A to project

- c) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No- N/A to project

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

No- N/A to project

4. Plants [Find help answering plants questions](#)

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
- orchards, vineyards, or other permanent crops.
- wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- water plants: water lily, eelgrass, milfoil, other
- other types of vegetation

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

No vegetation removal or alteration.

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

None known

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

None

e. List all noxious weeds and invasive species known to be on or near the site.

None known

5. Animals [Find help answering animal questions](#)

a. List any birds and other animals that have been observed on or near the site or are known to be on or near the site.

Hawks, Eagles, Marine Birds, Marine Mammals, Puget Sound fish species

Examples include:

- **Birds:** hawk, heron, eagle, songbirds, other:
- **Mammals:** deer, bear, elk, beaver, other:
- **Fish:** bass, salmon, trout, herring, shellfish, other:

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

Puget Sound (PS) Chinook salmon (*Oncorhynchus tshawytscha*), Hood Canal summer-run (HCSR) chum (*O. keta*), PS steelhead (*O. mykiss*), Puget Sound/Georgia Basin (PSGB) yelloweye rockfish (*Sebastes ruberrimus*), PSGB bocaccio (*S. paucispinis*), Southern Resident killer whales (SRKW) (*Orcinus orca*), Central America or Mexico humpback whales (*Megaptera novaeangliae*), the southern DPS of green sturgeon (*Acipenser medirostris*), the southern distinct population segment (DPS) of eulachon (*Thaleichthys pacificus*), marbled murrelet (*Brachyramphus marmoratus*) and bull trout (*Salvelinus confluentus*) Critical habitat: Chinook Salmon, Bocaccio, and Southern Resident Killer Whale.

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

No

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

1. The project involves the complete removal of a 3,800-square-foot overwater structure and approximately 52 creosote-treated piles.
2. No new structures will be installed, resulting in habitat gain.
3. Piles will be carefully extracted without shaking or scraping to minimize creosote release.
4. Removed piles will be placed directly into a containment basin on a work barge for transport to an upland disposal site.
5. A floating surface boom will be deployed to contain any debris or potential oil sheen.
6. Pile removal will utilize a vibratory hammer for pile extraction to reduce underwater noise impacts.
7. No equipment will ground out; the work barge will always remain above the beach substrate.
8. All construction debris will be contained and removed from the site.
9. Applicable Best Management Practices (BMPs) and General Construction Measures (GCMs) will be followed.
10. All in-water work will occur within the designated fish work window.
11. No floats or overwater elements will remain post-removal, eliminating long-term shading or grounding risks.

e. List any invasive animal species known to be on or near the site.

None known

6. Energy and Natural Resources [Find help answering energy and natural resource questions](#)

- 1. 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.**

None

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

No

- 3. 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.**

None- NA

7. Environmental Health [Find help with answering environmental health questions](#)

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

Yes, gas- boat hazards

1. Describe any known or possible contamination at the site from present or past uses.

None known. Asbestos testing to occur on building after removal per ORCAA requirements.

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.

None known.

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.

Gas

4. Describe special emergency services that might be required.

Stop the spill and warn others in the area immediately.

Shut off any ignition sources, including cigarettes.

Contain the spill.

Report the spill immediately to BOTH:

1-800-258-5990 (Washington Emergency Management Division)

1-800-424-8802 (National Response Center)

5. Proposed measures to reduce or control environmental health hazards, if any.

Spill prevention kit on site- crew is trained in spill response.

b. Noise

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

Normal boat traffic.

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 change long term- boat traffic

Short term- pile driving for construction installation

3. Proposed measures to reduce or control noise impacts, if any.

Construction during daylight hours and normal working hours.

8. Land and Shoreline Use [Find help answering land and shoreline use questions](#)

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.

Industrial logging infrastructure, adjacent properties are a mix of residential properties, and relevantly barren city/county lands. Additionally, lumber yard with overwater structures adjacent to the property. No change in use.

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 because 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 nonfarm or nonforest use?

No

1. 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?

No

c. Describe any structures on the site.

Structures include industrial paper mill, offices, factory buildings etc. Removal of crane tower, fixed pier, piling, etc.

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

Remove and dispose of the existing crane tower and fixed pier.

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

Zone 00

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

Port Angeles Planning Region

g. If applicable, what is the current shoreline master program designation of the site?

City of Port Angeles Shoreline Master Program (SMP)

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

Yes- Port Angeles Harbor & Strait of Juan de Fuca. See attached HA/HMP

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

None

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

None

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

None-N/A

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

All permits and applications will be applied for through the city—no change in use.

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any.

None- N/A

9. Housing [Find help answering housing questions](#)

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

None- N/A

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

None- N/A

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

None- N/A

10. Aesthetics [Find help answering aesthetics questions](#)

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

Crane Tower; approx.. 20' fully removed.

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

None project is demolition

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

Views will be improved

11. Light and Glare [Find help answering light and glare questions](#)

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

None

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

No

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

None

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

None- N/A

12. Recreation [Find help answering recreation questions](#)

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

Fishing, boating, swimming, kayaking, marine activities, etc.

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.

N/A

13. Historic and Cultural Preservation [Find help answering historic and cultural preservation questions](#)

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? If so, specifically describe.

No effects to demolition project.

McKinley Paper Mill; Constructed in 1920

The McKinley Paper Mill was originally constructed in 1920 by the Washington Pulp and Paper Company at the base of Ediz Hook on the Port Angeles waterfront. The facility was strategically placed for its access to deepwater shipping channels and adjacent timber resources. Within a few years, the mill was acquired by Crown Zellerbach, one of the largest paper companies in the United States at the time. Crown Zellerbach operated the facility for multiple decades and expanded production and infrastructure across the site to support high-volume paper manufacturing. This history is outlined in the Washington State Department of Ecology's 2019 NPDES Fact Sheet for McKinley Paper Company.

In 1988, the mill was sold to Daishowa America, a subsidiary of the Japanese paper company Daishowa Paper Manufacturing Co. Over the following years, the facility was upgraded to include a recycled pulp deinking system and continued operating as a full-scale pulp and paper mill. Daishowa was later incorporated into Nippon Paper Industries, which continued to use the facility for producing

newsprint and telephone directory paper. In March 2017, Nippon sold the site to McKinley Paper Company, a subsidiary of Bio Pappel, Mexico's largest paper manufacturer. At that time, the facility had curtailed operations, but McKinley initiated a transition to producing containerboard from recycled materials. According to the Department of Ecology's fact sheet, McKinley planned to restart operations in winter 2019 with a shift to 100% recycled paperboard production.

During the various changes in ownership, the facility underwent a series of structural and process upgrades. In 1991, a deinked pulp line was added to improve recycled content output. In 2002, the mill made structural and maintenance improvements to dock access and pulp tank footings. After the 2017 acquisition, portions of the mill infrastructure were removed or updated to support new production goals, with several original components still in use. The NPDES fact sheet notes these improvements were designed to reduce water use and streamline the recycled paper process through continuous pulping systems and modified discharge systems.

Historical Context

Located on the Port Angeles waterfront, the mill has played a central role in the region's industrial development for over a century. The original construction included concrete foundations, wood-framed mechanical buildings, pump houses, and utility corridors—many of which remain present or traceable today. Designed to support pulp and paper production at an industrial scale, the mill became one of the largest employers on the Olympic Peninsula. As highlighted in the Department of Ecology's documentation, its output supported both regional demand and international exports via the adjacent marine terminal.

By the 1940s, Crown Zellerbach had significantly expanded the facility with added chip conveyors, water treatment systems, and shoreline docking infrastructure. Marine and rail access helped support mill operations through the post-war timber boom and, later, into the 1990s when the industry shifted toward recycled fiber use. McKinley's current operations continue to occupy the same physical footprint used throughout the 20th century.

Although modernization has taken place, the overall layout and structural footprint of the site remain consistent with historic mill operations. Original features such as dock pilings, utility tunnels, and foundation blocks are still visible. Many buildings have been re-sided or internally modified, but much of the framework is still based on the original 1920s and mid-century construction systems.

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.

None known- if requested during tribal consultation, a cultural resource study will be performed

- b. 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.**

Consultation with tribes through USACE and City applications.

- c. 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.**

Should archaeological materials (e.g. bones, shell, stone tools, beads, ceramics, old bottles, hearths, etc.) or human remains be observed during project activities, all work in the immediate vicinity should stop. The State Department of Archaeology and Historic Preservation (360-586-3065), the County/City planning office, the affected Tribe(s) and the county coroner (if applicable) should be contacted immediately in order to help assess the situation and determine how to preserve the resource(s). Compliance with all applicable laws pertaining to archaeological resources (RCW 27.53, 27.44 and WAC 25-48) is required. Failure to comply with this requirement could constitute a Class C Felony

14. Transportation [Find help with answering transportation questions](#)

- 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.**

Closest street is Marine Drive. Access will be gained via water.

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 -nearest public transit is Marine & Pine stop, located approximately 0.1 miles away from project.

- b. 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

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

Yes – Project will occur overwater

- d. 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 change from existing.

- e. 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 - NA

- f. Proposed measures to reduce or control transportation impacts, if any.**

None- no change from existing

15. Public Services [Find help answering public service questions](#)

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

No

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

None- No change

16. Utilities [Find help answering utilities questions](#)

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

Unknown

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.

No Effects

C. Signature [Find help about who should sign](#)

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.

X

Tabitha Simonetti

Type name of signee: Tabitha Simonetti

Position and agency/organization: Environmental Manager – Marine Floats Corporation

Date submitted: 5/1/2025

Revised: