



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

PO Box 47600 • Olympia, WA 98504-7600 • 360-407-6000

711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

April 16, 2007

Doug Dorling
Northwest Aquatic Eco-Systems
855 Trospen Road SW #108-313
Tumwater, WA 98512

Dear Mr. Dorling:

**RE: Coverage under the Aquatic Plant and Algae Management General Permit
Permit Number: WAG-994140
Site Name: Haven Lake
Location: Belfair, Washington**

The Washington Department of Ecology has reviewed your application for coverage under an Aquatic Pesticide General NPDES Permit (permit) submitted on October 9, 2006. We are granting you permit coverage. Coverage begins on April 13, 2007 and expires on April 1, 2011. Retain this letter with your permit. It is the official record of permit coverage for your operations.

Please refer to the permit number above when contacting Ecology. Some examples of when you should contact Ecology include:

1. Appointment of a new contact person and/or telephone number.
2. Changes in the operation and management of aquatic pesticides.
3. Submittal of a Notice of Termination because the aquatic pesticide use has terminated or your activity no longer requires NPDES permit coverage.

Please read the permit carefully. As a permittee, you are legally obligated to comply with its terms and conditions.

Permit Enforcement and Inspections

Ecology staff have the legal right to inspect any treatment either while the treatment is taking place, or after the treatment has occurred. If you have questions about inspections, please contact your regional Ecology inspector, Deborah Cornett at (360) 407-7269 or dcor461@ecy.wa.gov.

Permit Fees

State law (RCW 90.48.465) requires that all permit holders pay an annual permit fee. The permit fee totals \$357 per state fiscal year. The state fiscal year begins on July 1 and ends on June 30 of any given year. The Department shall notify permit holders of fee charges by mailed billing statements. Annual billing notices will be mailed to you each August.

If you would like more information on the fee process, contact Bev Poston, Fee Administrator, Department of Ecology at (360) 407-6425.

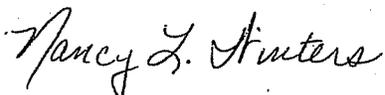
Appeal

You, or a third party, may appeal the decision to issue a general permit for your activities. The appeal is limited to the general permit's applicability or non-applicability to your particular activity, not the permit itself. An appeal may be filed with the Pollution Control Hearings Board, PO Box 40903, Olympia, Washington 98504-0903 within thirty days from the effective date of the permit. In addition, a copy of the appeal must be served on the Department of Ecology, PO Box 47696, Olympia, Washington 98504-7696.

Ecology Technical Assistance

After reviewing your permit, if you have technical questions regarding your permit, or need more information about other requirements, please contact Kelly McLain at (360) 407-6938 or kelm461@ecy.wa.gov.

Sincerely,



Nancy L. Winters, Section Manager
Program Development Services Section
Washington State Department of Ecology

cc: Deborah Cornett, WQ, SWRO
Bev Poston, WQ, FMS
Kelly McLain, WQ, PDS

WAC 197-11-970 Determination of nonsignificance (DNS).

DETERMINATION OF NONSIGNIFICANCE

Description of proposal Northwest Aquatic Eco-Systems has applied for coverage under the Aquatic Plant and Algae Management General Permit to conduct aquatic plant and algae control activities on Haven Lake.

Proponent Northwest Aquatic Eco-Systems

Location of proposal, including street address, if any This project will take place on Haven Lake, located in Mason County near the city of Belfair.

Lead agency Washington State Dept. of Ecology

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030 (2)(c).

This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.

There is no comment period for this DNS.

This DNS is issued after using the optional DNS process in WAC 197-11-355. There is no further comment period on the DNS.

This DNS is issued under WAC 197-11-340(2); the lead agency will not act on this proposal for 14 days from the date below. Comments must be submitted by February 14, 2007.

Responsible official Nancy Winters

Position/title WQ Section Manager, Program Development Services Section Phone (360)407-6460

Address Water Quality Program, P.O. Box 47600, Olympia, WA 98504-7600

Date January 30, 2007 Signature

Nancy L. Winters

Washington State use ONLY:

Permit Number	Ecology Region <input type="checkbox"/> <input type="checkbox"/>	W.R.I.A.	Date Received	Coverage Date
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IV. APPLICATION TYPE:

Yes this is a New Permit

Existing Discharger

*If you have checked Existing Discharger section V does not apply, please proceed to section VI.

New Discharger

*If you have checked New Discharger or Permit Coverage Modification, section V must be completed.

Permit Coverage Modification Permit No. ____-____

*If you have checked New Discharger or Permit Coverage Modification, section V must be completed.

Reason for modification:

V. STATE ENVIRONMENTAL POLICY ACT (SEPA) (For Ecology Use Only):

SEPA requirements must be complied prior to submittal of the first publication notice to the newspaper. If exempt, provide documentation that justifies SEPA exemption.

1. Has a SEPA review been completed? Yes No Date: _____

2. Lead agency issuing SEPA Determination: _____

3. Type of SEPA determination: DNS DS Mitigated DNS

VI. PLANT AND CHEMICAL INFORMATION:

1. Products planned for use:

Chemical name		Targeted plant(s) or algae name by genus and species if the plant or algae can be identified to species. (Chemical shall be appropriate for species listed.)
2,4-D Amine		
2,4-D Ester		
Diquat dibromide	√	Elodea, Potamogetons, Ceratophyllum
Endothall		
(dipotassium salt)	√	Potamogetons, Ceratophyllum
Endothall		
(mono- salt)	√	Algae as specified under the NPDES permit
Fluridone	√	Elodea, Potamogetons, Ceratophyllum
Glyphosate	√	Brasenia, Nymphaeae
Imazapyr		
Sodium carbonate peroxyhydrate		
Triclopyr TEA		
Aluminum Sulfate		
Calcium hydroxide/Carbon dioxide		

Adjuvant(s)		
Product type		Targeted plant(s) or algae name by genus and species if the plant or algae can be identified to species.
Marker dyes		
Shading products		
Biological water clarifiers		
Organic straw		
2. Total amount of acres to be treated this year Not to exceed 34 acres according to permit requirements		
3. Attach treatment map for this year.		

VII. REGULATORY STATUS: (Applicator Information Only)

1. Department of Agriculture Pesticide Applicator License number: 375
2. Department of Agriculture Pesticide Applicator License expiration date: 12-31-06
3. Yes Licensee has an Aquatic Endorsement or will be supervised by someone with an Aquatic Endorsement.
4. Yes My renewal has been satisfied and will remain current.

VIII. SPILL KIT

Do you have a complete and up-to-date kit? Yes
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IX. CERTIFICATION

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

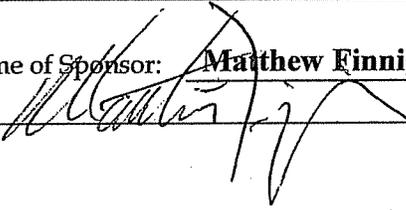
All label directions and requirements will be followed unless the Department of Ecology has further restrictions.

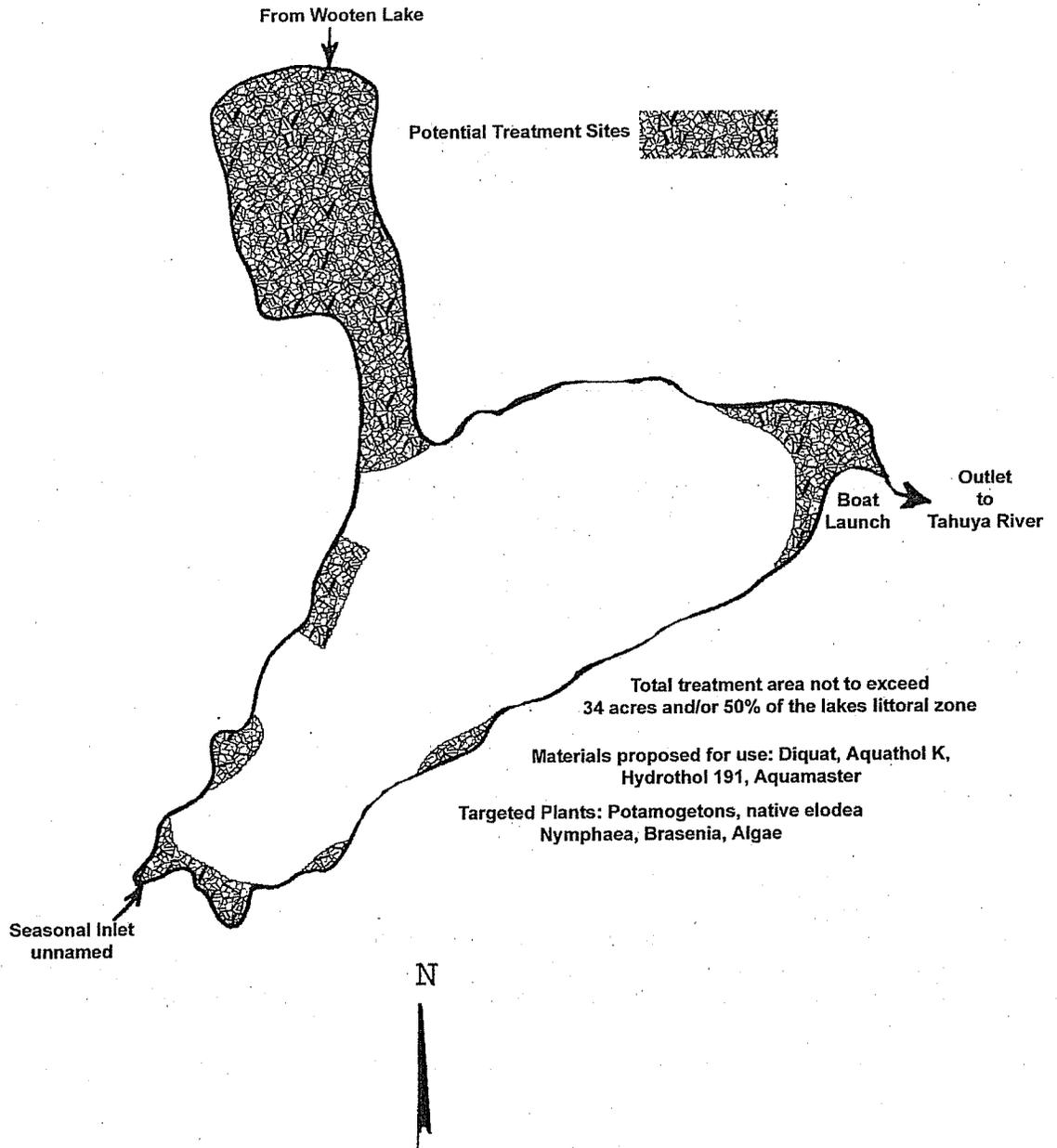
Printed name of permittee: Douglas Dorling

Signature: _____ Date: 9-18-06

"I certify that I have hired the contractor listed above to perform product applications."

Printed name of Sponsor: Matthew Finnigan, President, Haven Lake Property Owners Association

Signature:  Date: 9/25/06



ENVIRONMENTAL CHECKLIST

Purpose of Checklist:

The State Environmental Policy Act (SEPA), Chapter 43.21 RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

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 the preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the question 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 to provide additional information reasonably related to determining if there may be significant adverse impact.**

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (Part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

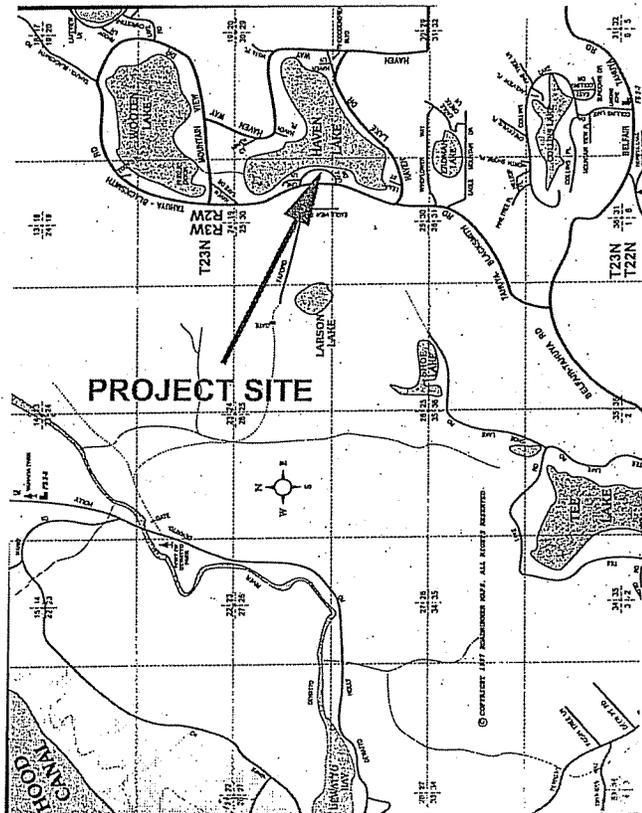
A. BACKGROUND

1. Name of proposed project, if applicable:
Haven Lake NPDES permit application for aquatic weed and algae control.
2. Name of applicant:
Haven Lake Property Owners Association

3. Address and phone number of applicant and contact person:
**Haven Lake Property Owners Association
Matthew Finnigan
12636 SE 60th Street
Bellevue, WA 98006
425-643-3861**
4. Date checklist prepared:
June 20, 2008 (Updated from prior SEPA document processed in 2007)
5. Agency requesting checklist:
Department of Ecology
6. Proposed timing or schedule (including phasing, if applicable):
Lake treatment July 1, 2008 through April 2011 or as ordered by the Department of Ecology.
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
The permit application may require addendums and or changes as plant species and or control philosophies change.
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
Department of Ecology EIS and Supplemental EIS directed at nuisance aquatic weed control in Washington State.
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.
NPDES permit
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 agency may modify this form to include additional specific information on project description.)

Permit application details aquatic plant management for Haven Lake utilizing State and Federally registered aquatic herbicides. Haven Lake is a 69 acre waterbody. Haven Lake is used as a full time recreational waterbody.
12. Location of 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 topographical 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 applications related to this checklist.

Lake is located outside of Bremerton
Section 30 Township 23N Range 02W
Lat 47 27' 28" Long W122 58' 33"



B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes or mountains.

Other:

Lake

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

N/A

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.

Littoral zone is mostly gravel. Shallow muck occupies the deep lake waters.

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

N/A

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

None

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

No

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

0%

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

None

2. Air

a. What types of emissions to the air would result from this 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.

Gasoline exhaust from outboard motor, herbicide vapors and/or dust into the air.

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:

None

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.

Haven Lake, inlet waters from Wooten Lake unnamed outlet to the Tahuya River.

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.

Work will consist of aquatic weed and algae control activities taking place within the lake proper.

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 the fill material.

None

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 floodplain? If so, note location on the site plan.

Lake level has a seasonal high water mark.

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 waste materials will be discharged into the lake.

b. Ground:

1) Will groundwater be withdrawn, or will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

No

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 such systems, the number of houses to be served (if applicable), or the number animals or humans the system(s) are expected to serve.

None

c. Water Runoff (including storm water):

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.

N/A

2) Could waste material enter ground or surface waters? If so, generally describe.

No waste materials are being utilized for this project.

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

None

4. Plants

a. Check or circle types of vegetation found on the site:

deciduous tree: **alder, maple, dogwoods, typical residential landscaping plants**

evergreen tree: **fir, cedar, pine, typical residential landscaping plants**

shrubs: **typical landscaping varieties**

grass: **typical lawn grasses**

wet soil plants: **shoreline emergents, cattails, iris, Nymphaea, brasenia**

water plants: **elodea, pondweeds, nitella, planktonic and filamentous algae**

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

50 % of the lakes littoral zone will be treated as needed for submersed and floating weed control if needed. Treatment not to exceed 34 acres.

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

Salmonids are present in the Tahuya River. There are also Coho that utilize Haven Lake. Treatment will be dependent on any timing restrictions that may be identified by the Department of Fisheries as related to Coho salmon.

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

N/A

5. Animals

a. 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, typical residential birds**

mammals: **deer, elk squirrels, raccoon**

fish: **bass, trout, spiny ray**

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

Coho

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

Yes, Coho utilize the lake.

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

State agencies have been contacted. Selective plant control will be utilized. Treatment with diquat will occur between July 16 and September 30 of any treatment year.

6. Energy and Natural Resources

a. What kinds of energy (electrical, 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.

N/A

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:

N/A

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.

Registered aquatic herbicides will be used. Exposure to chemicals may pose a health hazard to individuals that may be allergic to them.

1) Describe any emergency services that might be required.

Emergency spill response team.

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

Label, State and Federal directions will be followed on all registered products under consideration for this project. An NPDES permit will need to be issued for this project.

b. Noise

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

Noise from outboard motors, and gasoline engines.

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

None

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

N/A

8. Land and Shoreline Use

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

Recreational lake with residential shoreline homes.

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

No

- c. Describe any structures on the site.

Residential homes.

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

No

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

Residential

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

Residential development

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

N/A

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

No

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

No one lives in the lake but numerous homes are present along the shoreline.

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

None

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

N/A

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

State and local agencies have been contacted.

9. Housing

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

N/A

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

N/A

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

N/A

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?

N/A

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

N/A

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

None

11. Light and Glare

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

N/A

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

N/A

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

N/A

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

N/A

12. Recreation

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

Swimming, boating, fishing, hiking and cycling

b. Would the proposed project displace any existing recreational uses? If so, describe.
No, recreational opportunities would be increased.

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

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.

None

b. Generally describe any landmarks or evidence of historic, archeological, scientific, or cultural importance known to be on or next to the site? If so, generally describe.

None

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

None

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.

N/A

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

N/A

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

N/A

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.

N/A

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

None

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.

None

16. Utilities

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

N/A

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. N/A

C. SIGNATURE

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.

Signature: _____

Date Submitted: _____