



FOR STAFF USE ONLY

Application _____ Number: _____

Application Date: _____

Amount Received: _____

Receipt Number: _____

SEPA APPLICATION CHECK LIST

The State Environmental Policy Act (SEPA) chapter 43.21C RCW requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact system (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 identifies impacts from your proposal (and if possible to reduce or avoid impacts from the proposal) and to help the agency decide whether an EIS is required.

Property Owner: Lake Forest Park Water District Contact No: 206-365-3211

Property Address: 18460 47th PL., Lake Forest Park, WA 98155

Parcel Number: 4019900176 and 4022906570

Email: alan@lfpwd.org

Contractor/Representative: Mike Foster Contact No: 425-822-5242

FEES MUST BE PAID AT THE TIME OF APPLICATION

- Application fee \$ 750.00
- Signage fee \$ 200.00 + \$25 if add'l posting is required
- Technology Fee (5% of fee total) \$ _____
- Total due: \$ _____

Please complete the attached checklist and submit to:

**City of Lake Forest Park, City Hall
17425 Ballinger Way
Lake Forest Park, WA 98155
Attn: Planning and Building Department**

For further information, please contact the City of Lake Forest Park, Planning Department: 206-368-5440

WAC 197-11-960 Environmental checklist

The State Environmental Policy Act (SEPA) chapter 43.21C 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 application:

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 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 be 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 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. Proposed Project:
Lake Forest Park McKinnon Creek Pump Facility and Utilities
2. Date checklist prepared:
2/2/2017
3. Agency requesting checklist:
City of Lake Forest Park
4. Proposed timing or schedule (including phasing, if applicable):
Construction is expected to occur in 2017 after permit approvals are received.
5. Do you have any plans for future additions, expansion or further activity related to or connected with proposal? If yes, please explain.
A utility shed for storing implements may be constructed in the future.
6. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal:
McKinnon Creek Pump house Wetland and Stream Delineation Study, The Watershed Company, November 3, 2015
McKinnon Creek Trail Stream & Wetland Delineation Study, The Watershed Company, September 25, 2013
Lake Forest Park McKinnon Creek Pump Facility and Utilities Sensitive Areas Report, The Watershed Company, 2017
Lake Forest Park McKinnon Creek Pump Facility and Utilities, Wetland and Stream Delineation Report, The Watershed Company, 2016.
Lake Forest Park McKinnon Creek Pump Facility and Utilities, No Effect Letter, The Watershed Company, 2016.
Geotechnical Report. Robinson Noble Saltbush, 2015.
7. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain:
A Sensitive Area Work Permit application is submitted to the City of Lake Forest Park concurrent with this application.
8. List any government approvals or permits that will be needed or your proposal, if known:
City of Lake Forest Park, Conditional Use Permit
City of Lake Forest Park, Building Permit
City of Lake Forest Park, Sensitive Areas Work Permit
Section 404 Nationwide Permit Verification from the U. S. Army Corps of Engineers
Section 401 Water Quality Certification from Ecology
ESA - Section 7 Consultation
9. 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).
The proposed project involves demolition of an existing inadequate pump house and construction of a new pump house along with auxiliary utilities including piping and electrical in order to support municipal water supply. The proposed project also includes a comprehensive mitigation plan to compensate for temporary impacts to onsite wetlands and stream and wetland buffers.

10. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address. 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. While you should submit any planes required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

**18460 47th PL., Lake Forest Park, WA 98155
Township 26 Rage 4E, Section 10**

Legal Description for parcel # 4022906570

**LAKE FOREST PARK 1ST ADD LESS NELY 200 FT OF LOT 15 AS MEAS ALG & AT R/A TO
NWLY LN SD LOT 15**

Legal Description for parcel # 4019900176

**LAKE FOREST PARK REPLAT POR BLK 2 UNDIVIDED INT IN COMMUNITY PROP
INCLUDED IN VALUE OF EACH LOT LOT 31 LESS POR ELY OF FOLG DESC LN: BAAP ON
N LN LOT 31 LOC 90 FT W OF NE COR TH SLY PLW E LN SD LOT TAP OF NXN WITH LN
PLW & 22 FT NELY FR SWLY LN SD LOT TH SELY ALG SD PLL LN TO SELY LN SD LOT &
TERMINUS**

B. Environmental Elements

Earth

- a. General description of the site

- Flat,
 Rolling,
 Hilly
 Steep slopes,
 Mountainous,
 Other

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

75%

- 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.

A geotechnical report compiled by Robinson-Noble Saltbush identified the following soils on site (see report for additional information):

Older Clay: clay and silt of unknown origin compacted by weight of the Vashon glacier.

Esperance Sand: thinly bedded sand and gravel layers placed prior to and compacted by the weight of advancing glaciers.

Glacial till: glacially consolidated mixture of non-sorted, no-stratified silt, sand and gravel deposited directly beneath the glacier.

Recessional Outwash: non-glacially consolidated stratified sand and gravel deposited by meltwater streams as the glacier retreated

Fill: artificial or foreign soils used for grading in construction. Consistency and density of the fill soils will depend on construction procedures.

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

There are no reported surface indications of unstable soils. See geotechnical report compiled by Robinson Noble Saltbush for additional information.

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

Grading will be required for the foundation of the proposed pump house and for the proposed utility and pipe connections. Fill will be spoils from grading. Approximately 1000 cubic yards of excavation will be required for the proposed pump house. An additional 1420 cubic yards of grading will be required for trenches to support pipes and utility connections.

- f. Could erosion occur as a result of clearing, construction or use? If yes, please describe.
Some minor erosion and settling could occur as a result of clearing, grading and construction. During construction, any exposed soils will be protected by using Temporary Erosion and Sediment Control best management practices.
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
About 5% of the smaller lot will be covered with structures and impervious surface. Less than 1% of the larger lot will be covered with structures and impervious surface.
- h. Proposed measures to reduce or control erosion or other impacts to the earth, if any:
Temporary erosion and sediment control (TESC) plans were prepared as part of the design to address erosion concerns. TESC plans include: mark clearing limits, establish construction access, control flow rates, install sediment controls, stabilize soils, protect slopes, stabilize channels, control pollutants, control dewatering, maintain BMPS

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, describe and give approximate quantities if known.
Construction activities have the potential to create temporary fugitive dust emissions from materials handling, and earth-moving activities. Also, mobile and stationary equipment would be used to construct the proposed project, generating exhaust emissions (e.g. carbon monoxide, sulfur, and particulates) due to the combustion of gasoline and/or diesel fuels. These dust and exhaust emissions are expected to be minimal, localized, and temporary.
- b. Are there any off-site sources of emissions or odor that may affect your proposal?
 Yes No If yes, describe.
- c. Proposed measures to reduce or control emissions or other impacts to air, if any:
Standard methods of reducing impacts to air would be utilized, and include keeping all heavy equipment in good operating condition and managing ground disturbing activities as described above under 1h.

Water

- a. Surface
- Is there any surface water body on or in the immediate vicinity of the site, (including year round and seasonal streams, salt water, lakes, ponds, wetlands)?
 Yes No If yes, describe type and provide names. If appropriate, state what stream or river it flows into.
McKinnon Creek is perennial stream located adjacent to the project area that flows into Lyon Creek. There are also 4 wetlands on site, Wetlands A, E, EE, and F. Please see McKinnon Creek Pump house Wetland and Stream Delineation Study for more detail.
 - Will the project require any work over, in or adjacent to (within 200 feet) the described waters?
 Yes No If yes, please describe and attach available plans.
The proposed project involves work adjacent to McKinnon Creek, as well as work within and adjacent to onsite wetlands.
 - Estimate the amount of fill and dredge material that would be placed or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.
Approximately 220 cubic yards of material will be temporarily excavated from onsite wetlands in order to support pipe installation. Excavation spoils will be used for fill after pipes are installed.

4. Will the proposal require surface water withdrawals or diversions?
Yes No If yes, give general description, purpose and approximate quantities if known.
5. Does the proposal lie within a 100- year floodplain?
Yes No If yes, note location on site plan.
6. Does the proposal involve any discharges of waste materials to surface waters?
Yes No If yes, describe the type of waste and anticipated volume of discharge.

b. Ground

1. Will groundwater be withdrawn or will water be discharged to groundwater?
Yes No If yes, give general description, purpose and approximate quantities if known.
2. Describe waste material that will be discharged into the found from septic tanks or other sources, if any (i.e., 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 to be served by the system or systems.
Not applicable.

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.
For the pump house, gutters will collect water and discharge it to the surface. This water will flow downhill and likely infiltrate into Wetland A and eventually McKinnon Creek.
2. Could waste materials enter ground or surface waters?
Yes No if yes, describe
During construction, fuel, lubricant, or other material spills from equipment could enter onsite wetlands.

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

Risks will be minimized through employment of a spill prevention and response plan. Heavy equipment used for in- and near-wetland work will utilize non-toxic (vegetable based) hydraulic fluids, in case of spills, and will be re-fueled away from the stream. Spill avoidance and containment procedures and equipment will be in place, and a temporary erosion and sedimentation control plan, as detailed, will be implemented. This project would not otherwise generate waste materials that could enter ground water or surface waters.

Plants

a. Check or circle 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,
- Water plants: water lily, eelgrass, milfoil
- Other

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

15 trees are proposed for removal. Areas of vegetation directly adjacent to the proposed pipes will be removed in order to support construction. Native vegetation will be preserved where possible. Invasive vegetation will be controlled and native plants will be installed to enhance the wetland and buffer areas.

- c. List threatened or endangered species known to be on or near the site.
No threatened or endangered plant species are known to occur on or near the site.
- d. Proposed landscaping, use of native plants or other measures to preserve or enhance vegetation on the site, if any:
Areas where temporary impacts associated with pipe installation are proposed will be restored through the implementation of a comprehensive mitigation plan. The proposed restoration plan includes 25,755 square feet of vegetation enhancement including native plantings, invasive weed control, maintenance, and monitoring.

Animals

- a. Check or circle any birds and animals which have been observed 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.
No threatened or endangered animal species are known to occur on or near the site.
- c. Is the site part of a migration route?
 Yes No If yes, please explain
- d. Proposed measures to preserve or enhance wildlife, if any:
The proposed project will implement a comprehensive mitigation plan that involves controlling invasive species and installing 25,755 square feet of native vegetation. Installation of native vegetation will include a variety of trees, shrubs and groundcover and will over time improve species diversity and structural complexity. The proposed vegetation is expected to improve wildlife habitat.

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.
Electric energy to be used to operate the pump and to heat the building.
- b. Would your project affect the potential use of solar energy by adjacent properties?
 Yes No If yes, please describe:
- 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:
The pipe sizing will be increased to minimize energy loss in pumping. Improved building insulation will be used. Skylights will be used to reduce the need for electric lighting. Motion sensing lighting will be used where possible to reduce electricity consumption.

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?
 Yes No If yes, describe:
Typical hazards related to construction equipment fuels are associated with the proposed project. No ongoing environmental health hazards are anticipated.
3. Describe special emergency services that may be required.
No special emergency services will be required.

4. Proposed measures to reduce or control environmental health hazards, if any:
All pollutants, including waste materials and demolition debris, that occur on-site during construction shall be handled and disposed of in a manner that does not cause contamination of runoff. Good housekeeping and preventative measures will be taken to ensure that the site will be kept clean, well-organized, and free of debris. Cover, containment, and protection from vandalism shall be provided for all chemicals, liquid products, petroleum products, and non-inert wastes present on the site. On-site fueling tanks shall include secondary containment. All potential pollutants other than sediment will be handled and disposed of in a manner that does not cause contamination of runoff.
- b. Noise
5. What types of noise exist in the area which may affect your project (i.e., traffic, equipment, operation, other)?
There is no existing noise in the area that may affect the project.
6. What types and levels of noise would be created by or associated with the project on a short term or long term basis (i.e., traffic, construction, operation, other)? Indicate what hours noise would come from this site.
The proposed project will result in short term noise impacts from construction machinery during working hours. The proposed project will also result in long term noise from pump operation and other related operations.
7. Proposed measures to reduce or control noise impacts, if any:
Construction equipment would be muffled in accordance with applicable laws, and the project would comply with environmental noise standards set by the State of Washington, WAC 173-60, which establish limits on the level and duration of noise crossing property boundaries.

Land and Shoreline use

- a. What is the current use of the site and adjacent properties?
The site was previously used as a single family residence, but has been used as a staging area to support Lake Forest Park Water District operations and to provide access to the McKinnon Creek Wellfield since 2007. Adjacent parcels are undeveloped or used as single family residences.
- b. Has the site been used for agriculture?
 Yes No if yes, please describe:
- c. Describe any structures on the site:
There are several structures on site that support water district operations including the existing pump house, a small utility shed (8' x 14') several wellheads and two water towers.
- d. Will any structures be demolished? Yes No If yes, what?
The existing pump house will be demolished.
- e. What is the current zoning classification of the site?
The southern parcel is zoned as RS-10,000 and the northern parcel is zoned as RS-15,000.
- f. What is the current Comprehensive Plan designation of the site?
The Comprehensive Plan Designation for the southern parcel is Single Family Residential, Mod/High. The Comprehensive Plan Designation for the northern parcel is Public Facility.
- 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 an “environmentally sensitive “ area?
 Yes No If yes, please specify:
There are several wetlands on site. McKinnon Creek also runs adjacent to the project site. A portion of the site is also mapped as an erosion hazard area and a landslide hazard area.
- i. Approximately how many people would reside or work in the completed project?
No people will reside or work in the completed project.

- j. Proposed measures to avoid or reduce displacement impacts, if any:
No such measures are necessary.
- k. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
The pump house facility is proposed on a parcel that is residentially zoned and has a comprehensive land use designation of residential mod/high. Accordingly, the applicant has applied for a conditional use permit that has been subsequently approved.

Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle or low income housing
The proposed project would not provide any housing units.
- b. Approximately how many units, if any would be eliminated? Indicate whether high, middle or low income housing.
The proposed project would not eliminate any housing units (one house was removed previously, separate from this proposal).

Aesthetics

- a. What is the tallest height of any proposed structure or structures, not including antennas? What is the principal exterior building material or materials proposed?
The proposed project will be approximately 16 feet tall at the tallest point. The pump house will likely be constructed of typical materials such as wood and steel.
- b. What views in the immediate vicinity would be altered or obstructed?
The views of the immediately adjacent properties will be altered slightly.
- c. Proposed measures to reduce or control aesthetic impacts, if any:
The proposed project includes installation of native vegetation adjacent to the proposed pump house and throughout areas of impact.

Light and Glare

- a. What type of light and glare will the proposal produce? What time of day would it mainly occur?
The proposed project will include a motion sensor activated light on the outside of the building. Light impacts would be infrequent and irregular.
- b. Could light or glare from the finished project be a safety hazard or interfere with views?
Light and glare from the project is not expected to be a safety hazard or interfere with views.
- c. What existing off-site sources of light or glare may affect your proposal?
There are no off-site sources of light or glare that are expected to affect the proposal.
- d. Proposed measures to reduce or control light and glare impacts, if any?
No such measures are necessary.

Recreation

- a. What designated and informal recreational opportunities are in the immediate area?
Some informal trails exist on site.
- b. Would the proposed project displace any existing recreational uses?
Yes No If yes please describe:
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, in any:
No such measures are necessary.

Historic and cultural preservation

- a. Are there any places or objects listed on, or proposed for, the national state or local preservation registers known to be on or next to the site?
Yes No If yes, generally describe:
- b. Generally describe any landmarks or evidence of historic, archaeological, scientific or cultural importance known to be on or next to the site.
There are some wells that exist on site from as early as 1910. No other landmarks or evidence of historic, archaeological, scientific or cultural importance are known to exist on or near the site.
- c. Proposed measures to reduce or control impacts, if any:
No such measures are necessary.

Transportation

- a. Identify public streets and highways serving the site and describe proposed access to the existing street system. Show on the site plans, if any.
The project site can be accessed via 47th Place NE.
- b. Is the site currently served by public transit? Yes No
If not, what is the approximate distance to the nearest transit stop?
The nearest transit stop is at Ballinger Way NE & NE 175th St which is an approximately 0.6 mile walk from the site.
- c. How many parking spaces would the completed project have? How many would the project eliminate?
The proposed project would have 1-2 parking spaces and would not eliminate any parking spaces.
- d. Will the proposal require any new roads or streets or improvements to existing roads or streets, not including driveways? Yes No If yes, generally describe (indicate whether public or private).
- e. Will the project use (or occur in the immediate vicinity of) water, rail or air transportation:
Yes No If yes, generally describe.
- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.
The proposed project would not generate any additional vehicular trips per day as compared with the existing pump house.
- g. Proposed measures to reduce or control transportation impacts, if any:
No such measures are necessary.

Public Services

- a. Would the project result in an increased need for public services (i.e., fire protection, police protection, health care, schools, other)?
Yes No if yes, generally describe:
- b. Proposed measures to reduce or control direct impacts on public services, if any:
No such measures are necessary.

Utilities

a. Check utilities currently available at the site:

- Electricity
- Natural gas
- Water
- Refuse service
- Telephone
- Sanitary sewer
- Septic system
- Other Internet_____

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.

The proposed project will likely need electricity, telephone, refuse, sewer, and internet. Services will be provided by local utility providers.

Signature

I certify (or declare) under penalty of perjury under the laws of the State of Washington that 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

2/3/2017

Date submitted

Contact: Ande Flower, Principal Planner, 206-957-2832 Email: aflower@cityofflp.com