

DETERMINATION OF NONSIGNIFICANCE

Description of proposal: King County Water District No. 54 Comprehensive Water System Plan

Proponent: King County Water District No. 54

Location of proposal, including street address, if any: Citywide

Project File No: LUA2019-0024

Lead Agency: City of Des Moines

The City of Des Moines has determined that the above-described proposal 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.

Written comments concerning the DNS may be submitted to the Des Moines Planning, Building, and Public Works Department, located at 21630 11th Avenue South, Suite D, Des Moines, WA 98198, by 4:30 p.m., 1/06/20. Comments should discuss specific environmental issues associated with this proposal and identify how the DNS does or does not address those issues.

Responsible Official:

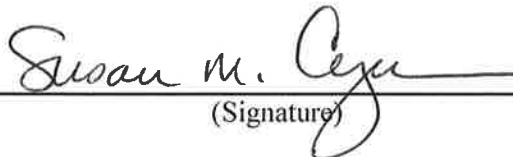
Susan Cezar, LEG
Chief Strategic Officer

Position/Title:

Planning, Building, and Public Works
21650 11th Avenue South, Suite D
Des Moines, WA 98198

12/23/19

(Date)



(Signature)

Project Lead Contact:

Denise Lathrop, AICP - Planning & Development Services Manager; Phone 206-870-6563
Email Address: dlathrop@desmoineswa.gov

AGENCY APPEAL

APPEAL: Any agency or person may appeal this SEPA determination by filing a written appeal with the Des Moines City Clerk. Such appeal must be filed within ten (10) days of the date this Determination of Nonsignificance (DNS) is final and shall be consistent with all provisions of sections 16.05.300 and 18.240.170, if applicable, of the Des Moines Municipal Code. The last date for filing such an appeal as to this proposal will be 4:30 p.m. on 1/16/20. Procedural determinations include the adequacy of the DNS, whether proper notice has been given, and whether the commenting period has been observed. The pendency of a procedural appeal shall stay any action on a permit/approval until a final determination on the appeal is issued by the Hearing Examiner; except if the City Council is required to issue the determination of the underlying permit/approval. In such cases, the City Council will issue the final determination of the appeal concurrently with its determination on the underlying permit/approval.

King County Water District 54
2019 Water System Plan

ENVIRONMENTAL CHECKLIST

Purpose of 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 applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an 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 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. Name of proposed project, if applicable:

King County Water District 54 – Water System Plan



2. Name of applicant:

King County Water District 54

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

*Eric Clarke, Manager
922 South 219th Street
Des Moines, WA 98198*

4. Date checklist prepared:

April 26, 2019

5. Agency requesting checklist:

King County Water District 54

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

Water System Plan developed in 2017 and 2018 and evaluates capacity needs through year 2039. Per the District's 12/17/19 letter, the District has committed to develop an asset management plan and update the Capital Improvement Plan no later than 12/31/2020.

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

This plan presents a Capital Facilities Plan. The projects will be implemented as financing becomes available.

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

None.

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.

This plan will require approval by the Washington Department of Health and concurrency acceptance by adjoining jurisdictions. Des Moines approved the consistency check on 12/17/19.

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

Permits for specific construction projects will be obtained prior to construction.

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.)

The Water System Plan describes and evaluates the District's water system and recommends capital improvement projects to improve the system. The plan describes standards, policies, service area, operations and maintenance, identifies system deficiencies and outlines a financial plan to implement the capital improvement plan. It will be used by the District for future planning. The plan evaluates future capacity and forecast demand through year 2039. The District has committed to develop an asset management plan and update the Capital Improvement program by 12/31/20 (per letter dated 12/17/19).

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.

The Water System Plan covers the District's service area of which approximately 90% is within the City of Des Moines with the remainder in the City of Normandy Park.

B. ENVIRONMENTAL ELEMENTS

1. Earth

- a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other . .
- b. What is the steepest slope on the site (approximate percent slope)?

There are some steep slopes within the service area. Generally the water system is on slopes of 10% or less.

- 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.

Sand and Gravel with Fill material adjacent to the Des Moines Marina

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

None that will impact the District system.

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

Fill and grade quantities will be determined on a project specific basis.

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

Erosion during construction will be addressed through project specific erosion control plans.

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

To be determined on a project specific basis.

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

Measures to reduce and control erosion will be implemented on a project specific basis as construction occurs.

a. **Air**

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

Dust and construction equipment exhaust fumes during construction.

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

None.

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

Dust control and standard construction equipment exhaust measures during construction.

3. Water

a. Surface:

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

The District's western boundary ^{abuts} Puget Sound. Des Moines Creek flows through the northern portion of the District's service area. ^{and Messey Creek abuts the District's} Southern border.

- 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 capital project are proposed within 200 feet of these waters

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

Not applicable.

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

No capital projects are proposed within the floodplain.

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

No.

b. Ground:

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

The District's water source is from wells. No changes are anticipated as a result of this Water System Plan.

- 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.).

Not applicable.

- 3) 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.

Not applicable.

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.

To be determined on a project specific basis.

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

To be determined on a project specific basis.

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

To be determined on a project specific basis.

4. Plants

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

X deciduous tree: alder, maple, aspen, other
X evergreen tree: fir, cedar, pine, other

- X shrubs
- X grass
- X pasture

crop or grain

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?

To be determined on a project specific basis.

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

To be determined on a project specific basis.

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

To be determined on a project specific basis.

5. Animals

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

birds: *hawk, heron, eagle, songbirds, other:*

mammals: deer, bear, elk, beaver, other:

fish: bass, *salmon*, trout, herring, *shellfish*, other:

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

Puget Sound Chinook salmon, Southern Resident killer whale (orcinus orca), bald eagle nesting sites

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

The District service area is located within the Pacific Flyway. Puget Sound is a migratory route for humpback whale, orcas and bull trout.

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

None anticipated but to be determined on a project specific basis.

6. Energy and natural resources

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

Not applicable

- 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:

Not applicable

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.

Not applicable except for potential impacts during construction.

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

Project requirements will include onsite spill response and first aid.

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

Project requirements will include onsite spill response and first aid and will require work to be conducted in compliance with industry standards.

b. Noise

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

None.

- 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.

Noise will be generated during specific construction projects.

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

Standard muffler systems on construction equipment and work hours restricted to comply with the City of Des Moines and the City of Normandy Park requirements.

8. Land and shoreline use

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

The District service area land use is a mix of commercial, multifamily/apartments and single family.

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

Not recently

- c. Describe any structures on the site.

To be determined on a project specific basis.

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

To be determined on a project specific basis.

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

To be determined on a project specific basis.

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

To be determined on a project specific basis.

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

To be determined on a project specific basis.

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

To be determined on a project specific basis.

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

None. Water District 5A currently serves a population of 5,133 and is projected to serve 5,962 people by Year 2039.

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

None.

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

Not applicable.

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

To be determined on a project specific basis.

9. Housing

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

Not applicable.

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

Not applicable.

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

Not applicable.

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?

The tallest features would likely be fire hydrants.

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

None.

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

Not applicable.

11. Light and glare

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

Not applicable.

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

Not applicable.

- 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:

12. Recreation

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

Not applicable.

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

To be determined on a project specific basis.

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

Not applicable.

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.

To be determined on a project specific basis.

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

To be determined on a project specific basis.

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

To be determined on a project specific basis.

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.

Not applicable.

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

Not applicable.

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

To be determined on a project specific basis.

- 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).

To be determined on a project specific basis.

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

To be determined on a project specific basis.

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

Not applicable.

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

Not applicable.

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.

To be determined on a project specific basis.

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

Not applicable.

16. Utilities

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

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

None anticipated but to be determined on a project specific basis.

The Comprehensive Water System Plan identifies and prioritizes capital improvements on the basis of water quality, growth, regulatory requirements, component reliability, system benefit and financial availability. Future site specific actions related to the plan implementation would be subject to review for compliance with relevant requirements of the Des Moines Municipal Code.

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: Warren W. Perkins

Date Submitted: 5/1/19

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(do not use this 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?

There should be no increased likely discharge to the environment except during construction during specific construction projects.

Proposed measures to avoid or reduce such increases are:

Not applicable.

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

There should be no impact to plants or animals except for possible disturbance during specific construction projects. Those impacts, if any, will be assessed during the planning and construction period of specific projects.

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

None anticipated but to be determined on a project specific basis.

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

Not applicable. Development associated with future capital improvement projects would likely require additional energy or natural resources.

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

Not applicable. To be determined on a project specific basis.

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?

None impact anticipated but to be determined on a project specific basis.

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

To be determined on a project specific basis

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?

Generally there should be no impact however, any impacts will be determined on a project specific basis

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

To be determined on a project specific basis for compliance with the Des Moines Municipal Code requirements.

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

Not applicable.

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

Not applicable. Implementation of the Water System Plan Capital improvement program would help mitigate demands on the water system.

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

All work will be completed in compliance with existing laws and codes.