



Determination of NONSIGNIFICANCE

Notice Date: October 14, 2020

PROJECT:
Clark County 2021 - 2026 Stormwater Capital Plan

Please find enclosed an environmental Determination of Non Significance (DNS) issued pursuant to State Environmental Policy Act (SEPA) Rules (Chapter 197-11, Washington Administrative Code). The enclosed review comments reflect evaluation of the environmental checklist by the lead agency as required by WAS 197-11-330(1)(a)(i).

Written comments may be submitted on this determination within fifteen (15) days of its issuance, after which the DNS will be reconsidered in light of the comments received.

Please address all correspondence to:

Clark County Dept. of Public Works
Jeff Schnabel, Stormwater Infrastructure Manager
PO Box 9810
Vancouver, WA 98666-9810

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Clark County Fire & Rescue
Clark County Fire District 3, 5, 6, 10, 13
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Battle Ground School District
Camas School District
Evergreen School District
Green Mountain School District
Hockinson School District
La Center School District
Mt. Pleasant School District
Ridgefield School District
Vancouver School District
Washougal School District
Woodland School District

Friends of Curtin Creek (postcard only)
Camas Washougal Post-Record
The Columbian
The Reflector AT&T

Century Link
Clark Public Utilities – Electric
Clark Public Utilities – Water
Clark Regional Wastewater District
Northwest Natural
Pacific Power & Light
Xfinity/Comcast Cable Services
C-Tran
Clark County Association of Realtors
Clark County Home Builders Association
Columbia River Economic Development Council
Greater Vancouver Chamber of Commerce
Port of Camas-Washougal
Port of Vancouver
Vancouver Audubon Society

Airport Green Neighborhood Association
Andresen/St. Johns Neighborhood Association
Arnada Neighborhood Association
Bagley Downs Neighborhood Association
Bella Vista Neighborhood Association
Bennington Neighborhood Association
Burnt Bridge Creek Neighborhood Association
Burton Evergreen Neighborhood Association
Carter Park Neighborhood Association
Cascade Highlands Neighborhood Association
Cascade Southeast Neighborhood Association
Central Park Neighborhood Association
Cimarron Neighborhood Association
Columbia Way Neighborhood Association
Concerned Citizens of Hockinson Neighborhood Association
Countryside Woods Neighborhood Association
Daybreak Neighborhood Association
Dubois Park Neighborhood Association
East Fork Frontier Neighborhood Association
East Fork Hills Rural Neighborhood Association
East Minnehaha Neighborhood Association
East Old Evergreen Hwy Neighborhood Association
Edgewood Park Neighborhood Association
Ellsworth Springs Neighborhood Association
Enterprise/Paradise Point Neighborhood Association
Esther Short Neighborhood Association
Evergreen Highlands Neighborhood Association
Fairgrounds Neighborhood Association
Fairway/164th Avenue Neighborhood Association
Father Blanchet Park Neighborhood Association
Felida Neighborhood Association
Fern Prairie Neighborhood Association
Fircrest Neighborhood Association
First Place Neighborhood Association
Fisher-Mill Plain Neighborhood Association
Fisher's Creek Neighborhood Association
Fisher's Landing East Neighborhood Association
Forest Ridge Neighborhood Association
Fourth Plain Village Neighborhood Association
Fruit Valley Neighborhood Association
Greater Brush Prairie Neighborhood Association
Green Meadows Neighborhood Association
Harney Heights Neighborhood Association
Hearthwood Neighborhood Association
Heritage Neighborhood Association
Hough Neighborhood Association

Hudson's Bay Neighborhood Association
Image Neighborhood Association
Kevanna Park Neighborhood Association
Landover-Sharmel Neighborhood Association
Lincoln Neighborhood Association
Maple Tree Neighborhood Association
Marrion Neighborhood Association
Meadow Glade Neighborhood Association
Meadow Homes Neighborhood Association
Mountain View Neighborhood Association
Northeast Hazel Dell Neighborhood Association
North Fork Lewis River Neighborhood Association
North Garrison Heights Neighborhood Association
North Hearthwood Neighborhood Association
North Image Neighborhood Association
North Salmon Creek Neighborhood Association
Northcrest Neighborhood Association
Northfield Neighborhood Association
Northwest Neighborhood Association
Northwood Neighborhood Association
Oakbrook Neighborhood Association
Ogden Neighborhood Association
Old Evergreen Hwy Neighborhood Association
Parkside Neighborhood Association
Parkway East Neighborhood Association
Pleasant Highlands Neighborhood Association
Proebstel Neighborhood Association
Ramblin' Creek/South Salmon Creek Neighborhood Association
Ridgefield Junction Neighborhood Association
Riveridge Neighborhood Association
Riverview Neighborhood Association
Road's End Neighborhood Association
Rose Village Neighborhood Association
Sherwood Neighborhood Association
Shumway Neighborhood Association
Sifton Neighborhood Association
Southcliff Neighborhood Association
Sunnyside Neighborhood Association
Truman Neighborhood Association
Vancouver Heights Neighborhood Association
VanMall Neighborhood Association
Village at Fisher's Landing Neighborhood Association
Washougal River Neighborhood Association
West Hazel Dell Neighborhood Association
West Minnehaha Neighborhood Association
Wildwood Neighborhood Association



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Description of Proposal:

The County is proposing to adopt an update to its Stormwater Capital Plan for the years 2021 through 2026, as a non-project SEPA review. Clark County Public Works proposes to update its existing Stormwater Capital Plan to reflect changes in the overall program. Project specific environmental impacts shall be evaluated during individual project design processes.

Proponent: **Clark County Public Works**

Location of proposal, including street address, if any: **Clark County, Washington**

Lead Agency: **Clark County Public Works**, 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.

The lead agency has determined that the requirements for environmental analysis, protection, and mitigation measures have been adequately addressed in the development regulations and comprehensive plan adopted under chapter 36.70A RCW, and in other applicable local, state, or federal laws or rules, as provided by RCW 43.21C.240 and WAC 197-11-158.

This DNS is issued under WAC 197-11-340(2)a; the lead agency will not act on this proposal for 15 days after the date of issuance of the DNS.

Comments must be submitted by: **October 30, 2020**

Responsible Official: **Ahmad Qayoumi, P.E.**

Position/Title **Clark County Public Works
Public Works Director/ County Engineer**

Contact Person: **Jeff Schnabel, Stormwater Infrastructure Manager**
Jeff.Schnabel@clark.wa.gov 564-397-4583

Address: **1300 Franklin Street, PO Box 9810, Vancouver, WA 98666-9810**

Signature: *Ahmad Qayoumi*

Date: 10/8/2020



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SEPA ENVIRONMENTAL CHECKLIST

A. Background

1. Name of proposed project, if applicable:

Clark County 2021-2026 Stormwater Capital Plan

2. Name of applicant:

Clark County Public Works

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

Jeff Schnabel, Stormwater Infrastructure Manager
Clark County Public Works
1300 Franklin Street
PO Box 9810
Vancouver, WA 98666-9810
(564) 397-4583.

4. Date checklist prepared:

September 25, 2020

5. Agency requesting checklist:

Clark County Public Works

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

Adoption of the Stormwater Capital Plan will occur on November 3, 2020.

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

Yes, the Stormwater Capital Plan is reviewed and updated annually.

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

Projects currently in design or under construction have environmental documentation on file or in progress. Projects not yet underway will undergo complete environmental review during the design process.

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 known governmental approvals are pending that would affect the Stormwater Capital Plan.



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

The proposed Stormwater Capital Plan is adopted annually by the Clark County Council.

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 program identifies stormwater capital project phases to be completed during the next six-year period within unincorporated Clark County. The purpose of this program is to prepare a comprehensive stormwater capital work schedule addressing structural stormwater controls requirements in the Phase 1 Municipal Stormwater Permit and county goals to protect and enhance streams and wetlands and minimize the degradation of receiving waters caused by stormwater runoff.

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 program identifies the location of stormwater capital projects to be designed and constructed over the following six years within the unincorporated area of Clark County. Maps of each proposed project are included in the Stormwater Capital Plan.

B. Environmental Elements

1. Earth

a. General description of the site: flat, rolling, hilly, steep slopes, mountainous, other

The county is generally characterized by flat to rolling terrain with potentially steep slopes along waterways and in mountainous areas. Projects will be evaluated on a case-by-case basis.

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

Slopes vary throughout the county. Slope conditions for each project are evaluated on a case-by-case basis.

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



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note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

Soil types vary throughout the county. Soil conditions for each project are evaluated on a case-by-case basis.

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

There are mapped areas of potential instability due to underlying geologic conditions and physical characteristics associated with steep slopes along various waterways. Detailed designs for new projects will include appropriate measures to ensure stability.

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.

Specific projects will address the source and location of necessary filling or grading and appropriate permits will be secured before construction begins.

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

Erosion could occur as a result of clearing for construction of projects. Appropriate erosion control measures are included in the plans developed during project design and implemented in the field during construction.

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

Typical projects outside of county road right-of-way will be less than 10% covered with impervious surfaces, primarily for maintenance access roads. Projects in county road right-of-way may have up to 100% impervious coverage; these projects typically involve underground stormwater infrastructure and require removal and replacement of existing impervious surfaces.

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

Detailed design plans will be submitted when specific projects are proposed, including drainage and erosion control plans.

2. Air

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



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Dust and construction vehicle emissions occur during the construction of the proposed stormwater improvements. Watering the construction areas or covering disturbed soils while not being worked are both approved best management practices.

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

Not applicable.

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

Specific projects will have to meet federal, state, and regional air quality standards before completion of design phase. During and after construction, fugitive emissions, primarily particulate matter, must be minimized in order to prevent a health hazard and/or nuisance situation to neighbors and/or motorists on adjacent roadways. Best Available Control Technology must be used to control particulate emissions in all areas and roads where there is construction, material transport, or where operating equipment. The use of a dust suppressant or watering of traveled areas and covering materials being transported on a routine basis should be sufficient to keep particulate emissions to a minimum at all times during construction.

3. Water

a. Surface Water:

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

Some projects are adjacent to perennial or seasonal streams and wetlands. Project level SEPA analysis will be performed at time of project design, and appropriate permitting and mitigation will be identified at that time.

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.

Final design of specific projects will be subject to mitigation measures through project specific SEPA, Shoreline, interdepartmental review and various other regulations, where applicable.

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.

Specific projects will address the source and location of any necessary filling or dredging and appropriate permits will be secured before construction begins.



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- 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.**

Clark County has many acres which lie within 100-year floodplains. Detailed locations will be identified when specific projects are designed. Most projects will not involve structures or fill that would cause impacts to floodplains. However, where project development would cause impacts, all federal, state, and local floodplain provisions will be met.

- 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.**

Stormwater runoff (described below) is the only discharge to surface waters.

b. Ground Water:

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

Not applicable. Stormwater projects do not typically involve drinking water wells.

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.**

Not applicable. Stormwater projects typically will not involve domestic sewage or industrial waste.

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including stormwater) 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.**

Construction projects in this plan typically involve retrofitting existing stormwater treatment and/or flow control facilities to improve function, or constructing new facilities where stormwater management is currently lacking. Stormwater projects will meet federal, state, and local standards for stormwater collection and treatment as applicable.



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

Not as a result of this action. Contractors are required to develop spill response plans to ensure materials are kept out of ground and surface waters.

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

Clark County is required by federal, state and local codes to capture, treat, and detain stormwater. Some projects may result in an alteration of drainage patterns as a result of new storm sewers and stormwater facilities. Detailed engineering plans will be prepared at the time of site specific design.

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

Stormwater capital projects in this plan, through various mechanisms, are designed to increase infiltration to groundwater where feasible, improve or provide water quality treatment and/or flow control for runoff water, and restore natural historic drainage patterns.

4. Plants

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

Project specific analysis will be done at time of design.

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

Project specific analysis will be done at time of design.

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

In Clark County, there are several plant species that are federally listed as either threatened or endangered:

- Golden paintbrush
- Bradshaw's lomatium
- Water howellia

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

Mitigation measures will be addressed when specific projects are proposed, with special consideration given to the enhancement of the natural shoreline ecosystem, wetlands, archeological protection and wildlife enhancement. State and Federal agencies will be consulted to identify and protect threatened and/or endangered species.



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

There are several plant species in Clark County that are listed as either noxious or invasive. Weeds will be identified during the project planning phase and treated accordingly.

5. Animals

a. List any birds and other 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, and other local birds
- **mammals:** deer, beaver, coyote, opossum, weasel, raccoon, otter, rabbits, squirrel, and other small mammals and domestic farm animals
- **fish:** lamprey, sturgeon, salmon, steelhead, trout, smelt, minnows, carps, suckers, catfish, sandroller, sunfish, perch, sculpin

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

There are several federally threatened or endangered species that may be found in Clark County:

- Gray Wolf
- Columbian White-Tailed Deer
- Northern Spotted Owl
- Marbled Murrelet
- Streaked Horned Lark
- Yellow-billed Cuckoo
- Oregon Spotted Frog
- Chinook Salmon
- Chum Salmon
- Steelhead
- Coho Salmon
- Pacific Eulachon
- Bull Trout

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

The Columbia River corridor is part of the migration route for salmon, Canada geese and other waterfowl. Also, the Lewis and Washougal Rivers and Salmon Creek have migrating salmon, steelhead, and coho.

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

Projects intended to improve wetlands, riparian habitat, or stream corridors will directly enhance wildlife habitat. Projects that install water quality treatment or flow control practices will improve overall conditions for stream life in downstream receiving waters.



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

Project specific analysis will be done at time of design.

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.

No energy resources will be used as a result of the proposed action. Future construction of stormwater capital projects will require energy resources.

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

Unlikely, but project specific analysis may be done at time of design.

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:

No specific energy conservation features are included in this proposal. Specific projects should address any appropriate or applicable conservation measures in their environmental review.

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.

Environmental health hazards for each project are evaluated on a case-by-case basis.

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

Project specific analysis will be done at time of design.

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.

Project specific analysis will be done at time of design. Clark County will identify utilities within proposed work areas and coordinate with utility companies on construction impacts.

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.



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During construction of specific projects, herbicides, diesel fuel, and other petroleum products may be used.

4) Describe special emergency services that might be required.

Identifying special emergency services that may be required will be done at time of design.

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

Measures will be implemented during construction in order to protect land and water resources. Project specific plans will include requirements for spill prevention, preparedness, and response to prevent hazardous substances from discharging from the project site. If pre-existing contaminated media or solid waste is found during construction, the contaminated media and/or solid waste will be characterized and disposed of in a licensed hazardous disposal facility.

b. Noise

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

Noise conditions for each project will be evaluated on a case-by-case basis.

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.

Future construction of projects will result in construction noise (equipment operation) during normal working hours. Once construction is complete, traffic noise is possible at any time.

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

Project impacts will be evaluated on a case by case basis. Mitigation measures will comply with established federal standards where applicable.

8. Land and Shoreline Use

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

Projects vary in land-use throughout the County. Final design of specific projects will be subject to mitigation measures through future SEPA, Shoreline, interdepartmental review, and various other regulations, where applicable.



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

The implementation of individual projects under the county's Stormwater Capital Plan is not expected to impact or convert farmland or forested land to other uses.

- 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:**

The implementation of individual projects under the county's Stormwater Capital Plan is not expected to affect or be affected by working farm or forest land normal business operations.

- c. Describe any structures on the site.**

Project specific analysis will be done at time of design.

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

Project specific analysis will be done at time of design.

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

Zoning classifications will vary for specific projects. Final design of specific projects will be subject to mitigation measures through project specific SEPA, shoreline, interdepartmental review and various other regulations, where applicable.

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

Comprehensive plan designation will vary for specific projects. Final design of specific projects will be subject to mitigation measures through project specific SEPA, shoreline, interdepartmental review and various other regulations, where applicable.

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

Shoreline master program designation will vary for specific projects. Final design of specific projects will be subject to mitigation measures through project specific SEPA, shoreline, interdepartmental review and various other regulations, where applicable.

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



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There are potential wetlands, floodplains, priority habitat, potentially unstable slope areas, state shoreline areas, and public wellhead protection areas as identified in the Clark County Resource Maps and by Chapter 40 of the Clark County Code.

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

Project specific analysis will be done at time of design.

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

No people will be displaced by projects in the Stormwater Capital Plan.

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:

The Stormwater Capital Plan is developed based on existing requirements in the Phase 1 Municipal Stormwater Permit and the anticipated stormwater system needs of Clark County. Existing and projected land use and plans are taken into consideration when evaluating and prioritizing potential stormwater capital projects.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

The Stormwater Capital Plan is expected to be compatible with nearby agricultural and forest lands of long-term commercial significance. However, if needed, project-specific analysis will ensure that stormwater infrastructure is designed to meet the needs of adjacent agricultural and forest land uses.

9. Housing

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

No housing units will be provided by stormwater projects.

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

No housing units will be eliminated by stormwater projects.

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

Stormwater projects will not have housing impacts.

10. Aesthetics



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

Project specific analysis will be done at time of design. Stormwater projects do not include tall structures and are typically at or below ground level, but certain facilities require a six-foot tall fenced enclosure.

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

Project specific analysis will be done at time of design. Stormwater projects do not typically alter or obstruct views, but certain facilities require a six-foot tall fenced enclosure.

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

Project specific analysis will be done at time of design.

11. Light and Glare

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

Stormwater projects are not expected to produce light or glare.

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

Stormwater projects are not expected to produce light or glare.

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

Project specific analysis will be done at time of design.

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

Lighting impacts will be addressed at the time of site-specific planning.

12. Recreation

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

Clark County has a variety of county, city, state, and federal recreational opportunities including sports facilities, neighborhood, community and regional parks, open space, and wildlife habitat areas. Some of these recreational opportunities are formally designated, while others are informally used without designation or authorization.

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



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Stormwater projects are not expected to displace or impact any existing recreational uses.

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

No impacts are expected, and every reasonable effort will be made to avoid impacts to existing recreational facilities. Specific measures will be addressed as part of the environmental review of individual projects.

13. Historic and cultural preservation

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

The Cultural Resources Inventory of Clark County identifies numerous archaeological sites associated with Native American activity countywide. More than 70 historic structures, sites, objects, and vessels, as well as one historic district and one national landmark are located in Clark County. Historic preservation officials emphasize that comprehensive field investigations have not been conducted and that artifacts and historic resources are probably not confined to those identified sites. Project specific analysis will be done at time of design and permitting.

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

Project specific analysis will be done at time of design.

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

Assessment of impacts will be conducted by trained professionals. Archaeological and cultural resource monitoring, documentation and resulting reports will be designed to satisfy federal, state and local regulations, as necessary.

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

Preservation officials have emphasized the need for cultural resource evaluations and inventories performed on sites, which have a greater potential for historic significance. Such surveys will be performed, as appropriate, with avoidance and/or mitigation measures to be identified and implemented on a site-specific basis.



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14. Transportation

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

Each project is listed in the attached plan.

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

Clark County is served by C-TRAN with fixed route and demand transit service.

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

Parking will not be eliminated or created as part of completing the projects contained in this plan.

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

This plan identifies stormwater project phases to be completed in the next six years. Some of the projects in this plan are improvements to existing stormwater infrastructure located within county road rights-of-way.

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

Project specific analysis will be done at time of design.

- f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?**

Stormwater capital projects will not generate vehicular trips after project completion.

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

Project specific analysis will be done at the time of design.

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



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Transportation impacts are temporary and limited to the construction period for stormwater capital projects. Traffic controls and realignment during construction are expected for some projects and will be developed for individual projects as needed.

15. Public Services

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.

Once constructed, stormwater system improvements are added to the County's maintenance schedules for stormwater assets in accordance with Phase 1 Municipal Stormwater Permit requirements.

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

Measures to reduce impacts to public services will be addressed at the project level.

16. Utilities

a. List utilities currently available at the site:

Electricity, natural gas, water, telephone, sanitary sewer, cable television, fiber optic lines, and septic systems are common utilities found adjacent to or along stormwater capital project sites.

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 utilities are proposed for stormwater capital projects.

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: Jeff Schnabel

Name of signee Jeff Schnabel

Position and Agency/Organization Interim Clean water Division Manager/Clark Co. Public works

Date Submitted: 10/5/2020



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D. Supplemental sheet for non-project actions

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?

Construction activities may result in equipment emissions to air and increased noise. Once stormwater facilities are constructed, they typically decrease discharge of pollutants to water and reduce release of toxic substances, and in some cases may reduce stream erosion.

Proposed measures to avoid or reduce such increases are:

Stormwater retrofit projects are designed to improve stormwater collection and treatment in areas currently lacking adequate stormwater management.

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

The proposal is likely to have a positive effect on plants, animals, and fish. Invasive plant species are removed prior to construction and replaced with native plant communities. Some projects directly enhance stream, wetland, and/or riparian habitat for plants, animals, and fish. All projects in this plan are anticipated to reduce pollution in downstream receiving waters.

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

Every attempt will be made to avoid displacement of unnecessary numbers of plants and animals.

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

The proposal is not expected to deplete energy or natural resources.

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

Stormwater projects are expected to protect and/or conserve natural resources through improved water quality treatment and flow control of stormwater runoff.

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?



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Projects may be within or adjacent to areas designated as environmentally sensitive. Specific mitigation of these impacts will be addressed as part of specific project designs and will follow all federal, state and local regulations. Construction of projects in these locations is intended to enhance existing degraded conditions.

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

Further analysis of the possible impacts and measures to reduce impacts will be addressed as part of the environmental review of individual projects.

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?

The Stormwater Capital Plan does not encourage land or shoreline uses which are incompatible with existing plans.

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

Project specific analysis will be done at time of design.

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

Stormwater projects are not anticipated to increase demands on transportation or utilities. Public resources are necessary to inspect and maintain stormwater infrastructure after construction.

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

Additional maintenance costs are anticipated within the financial constraints of the Public Works Clean Water Division. Specific projects are designed to minimize long-term maintenance costs and to minimize impacts on other utilities.

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

No conflicts identified at this time.



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Stormwater Capital Projects

Project

- | | |
|---|--|
| Skyview Condominiums SWF Repair | Mayer's Terrace SWF Repair |
| 99 th Street WQ vault pre-treatment | NE 78 th St/Heritage Farm ROW WQ Retrofit |
| Padden Downs SWF Repair | NE 78 th St East of Bingo Hall WQ Retrofit |
| Vista Woods SWF Retrofit | NE Hazel Dell Ave ROW WQ Retrofit |
| Whipple Creek Place SWF Repair | NE Hwy99 WQ Retrofit (78 th to 82 nd) |
| NE Hazel Dell Ave Cougar to 94 th St WQ Retrofit | NE Hwy99 WQ Retrofit (82 nd to 86 th) |
| Whipple Creek Park Tributary Culvert Repair | I-SUDS1 (lower Suds Creek restoration) |
| Mt Vista 8 SWF Retrofit | NE 99 th St Catch Basin Retrofit |
| Country Meadows UIC Decommission | Whipple Creek Near NW 11 th Ave Habitat Improvement |
| Heritage Farm Wetland Restoration | NW 99 th St Corridor WQ Retrofit |
| NE Hwy99 WQ Retrofit (68 th to 78 th) | |
| NE Hazel Dell Ave 78 th St to Cougar Creek WQ Retrofit | |
| Cougar Creek 3 Enhancement | |
| NE 78th St at NE 13 th Ave WQ Retrofit | |
| NE 78 th St at NE16th Ave WQ Retrofit | |

Ongoing Programs

- Overlay/HMA catch basin retrofits
- Reforestation
- Property Acquisition
- Sub-basin Retrofit Planning