



LOWER GREEN RIVER CORRIDOR FLOOD HAZARD MANAGEMENT PLAN

Draft Programmatic Environmental Impact Statement (PEIS) Fact Sheet

FLOOD RISK IS REAL

The Lower Green River is at risk of severe flooding. Floods are dangerous and destructive. They threaten our safety, block the movement of people and goods, harm the environment, and cause severe damage.

The King County Flood Control District (District) protects people, property, and communities from the harmful impacts of floods. The District wants to make sure the Lower Green River Corridor is a safe place to live, fish, work, farm, and play for generations to come.

Flooding puts at risk approximately 14,600 housing units, 42,200 jobs, warehouses, farms, parks, and natural areas that sustain threatened salmon.

DRAFT PEIS BENEFITS AND IMPACTS

All three alternatives would substantially reduce flooding in most areas during a major flood. Because flooding is a natural process that cannot be eliminated, flooding would continue, although it would be lessened.

The key environmental issues addressed in the draft PEIS involve potential impacts from new or improved flood management facilities, providing opportunities to improve habitat for salmon, understanding impacts on various land uses, and protecting agricultural areas.



Additional information is available at **LowerGreenSEPA.org**

Flooding at Horseshoe Bend in 2006.

PROTECTION TAKES PLANNING

The District is considering developing a Lower Green River Corridor Flood Hazard Management Plan that would guide future investments to reduce flood risks over the next 30-50 years. To inform a plan, a draft programmatic environmental impact statement (PEIS) was prepared, and it is available for review and comment. The study analyzes three different approaches to reducing flood risks in the Lower Green River Corridor while providing other important benefits:



Environmental Justice



Productive and Viable Agriculture



Equity and Social Justice

Recreation

and Nature



Habitat Protection and Salmon Recovery

Resilient Communities

and Ecosystem



Livelihoods



Jobs and Sustainable



Sustainable and Clean Water



Open Space Conservation



Sustainable Development

LOWER GREEN RIVER CORRIDOR DRAFT PEIS ALTERNATIVES



PROJECT-BY-PROJECT MULTI BENEFIT IMPLEMENTATION

- No area-specific Flood Hazard Management Plan
- Considers projects case by case; does not take a corridor-wide approach to reducing flood risk
- Minimizes impacts to neighboring properties
- Projects could benefit communities and the environment



SYSTEMATIC MULTI BENEFIT IMPLEMENTATION

- Develops a new area-specific Flood Hazard Management Plan
- Takes a corridor-wide approach to planning projects
- Projects could impact some neighboring properties to provide flood protection and other benefits
- Shows how to implement projects resulting in benefits to communities and the environment, including conserving and restoring habitat along the river
- Could use flood proofing to reduce damage

ENHANCED MULTI BENEFIT IMPLEMENTATION

- Develops a new area-specific Flood Hazard Management Plan
- Takes a corridor-wide approach to planning projects
- Projects could impact more neighboring properties while providing flood protection and other benefits
- Shows how to implement projects resulting in more benefits to communities and the environment, including more habitat conservation and restoration along the river
- Could use flood proofing to reduce damage and possible acquisition to preserve flood storage



2019

2020

REVISED ALTERNATIVES DEVELOPED

INITIAL

SCOPING

- District sets direction on alternatives and prioritizes multibenefit projects
- Prepare for additional scoping period

PEIS begins

Initial scoping

Comments provided on

initial alternatives



2022

2023

ADDITIONAL SCOPING PERIOD

 Comments provided on revised alternatives

PREPARE DRAFT PEIS

DRAFT PEIS

FINAL PEIS

REVIEW

- Analysis to determine the potential impacts of each alternative
- Describe possible multibenefits

Draft PEIS released for public review

- Public can provide comments on the analysis conducted on revised alternatives
- Comments on the Draft PEIS are addressed and the evaluation is refined as warranted
- Final PEIS issued



Potentially:

- Confirms preferred alternative
- Directs Plan development



PROJECT CORRIDOR

The project corridor includes approximately 21 miles of the Green River and its floodplains, including portions of Auburn, Kent, Renton, SeaTac, Tukwila, and unincorporated King County.







18,800 cfs - No Breach (Median, 0.2% AEP)

cfs: cubic feet per second AEP: annual exceedance probability

August 2022 | Sources: King County, Northwest Hydraulic Consultants

Lower Green River Corridor < 0.1 2 - 4 **0.1 - 0.5 4 - 6**





LET US KNOW WHAT YOU THINK!

Your comments will help shape flood protection planning. For more information call (206) 263-0602.

Please share your thoughts!

Email: lowergreensepa@kingcounty.gov

Mail: King County Flood Control District Attn: Michelle Clark, SEPA Responsible Official 516 Third Avenue, Room 1200 Seattle, WA 98104

Attend an upcoming meeting:

Go to LowerGreenSEPA.org for more about future opportunities.

For translations call (206) 349-6361.

Informacion disponible en espanol; por favor llame al (206) 349-6361.

索取中國人版本的可用資訊;請撥打(206)349-6361.

Имется перевод этой информации на РУССКИЙ; обращайтесь по телефону (206) 349-6361.

Macluumaadka waxaa lagu heli karaa somaliyeed; Fadlan la hadal (206) 349-6361.

한국어로 정보를 확인할 수 있습니다. (206) 349-6361 로

Інформація доступна українською мовою. Зверніться за номером (206) 349-6361.

Available ang impormasyon sa Tagalog; pakitawagan ang (206) 349-6361.