

# Stickfoot Branch Stream Restoration Project

## Public Scoping Virtual Presentation

February 24, 2021

# WELCOME



National Park Service  
U.S. Department of the Interior



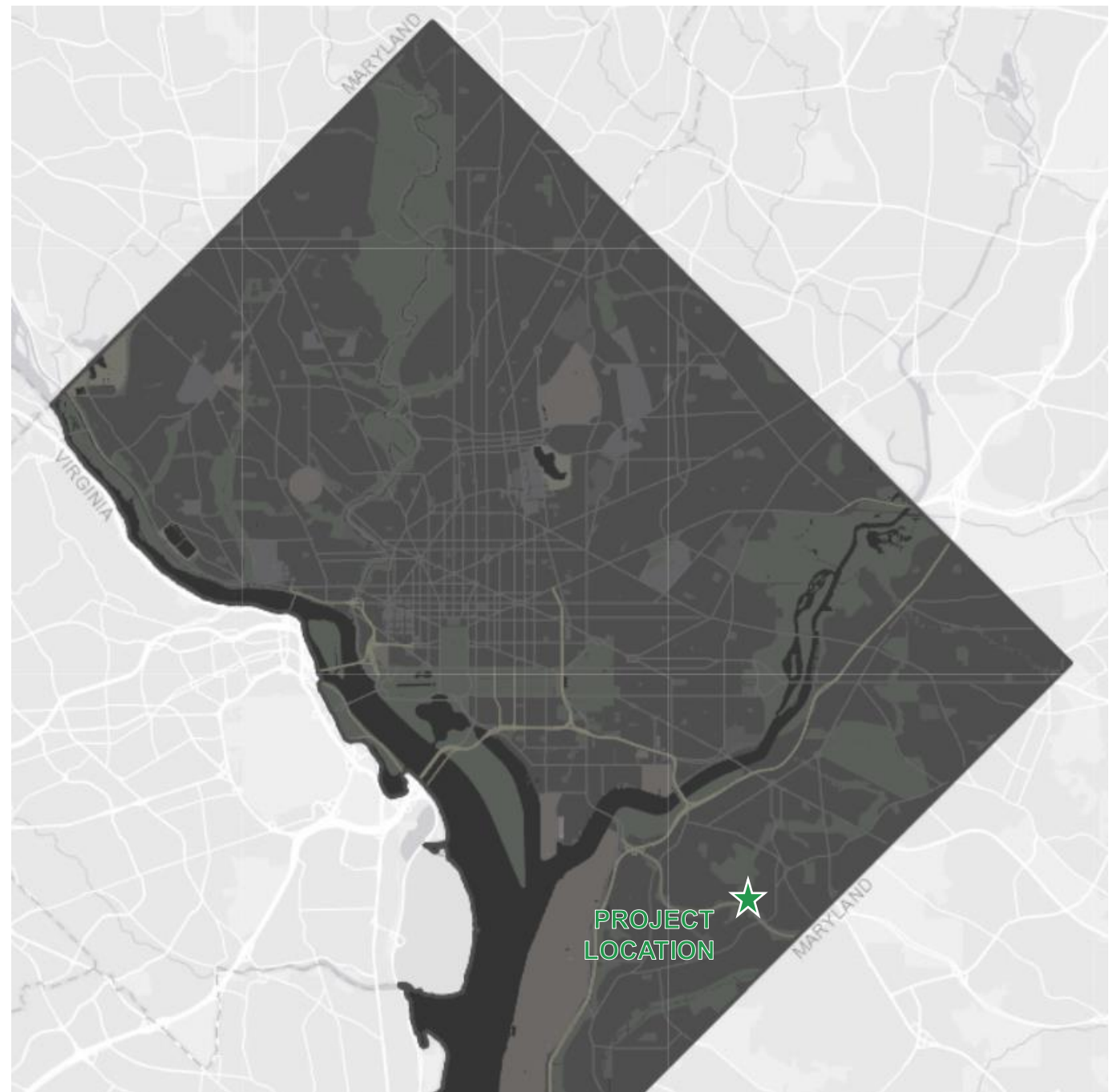
# Agenda

1. Meeting Purpose
2. Project Introduction
3. Existing Site Conditions
4. Purpose and Need
5. Proposed Restoration Approach
6. Tentative Project Schedule
7. Q&A
8. How to Comment

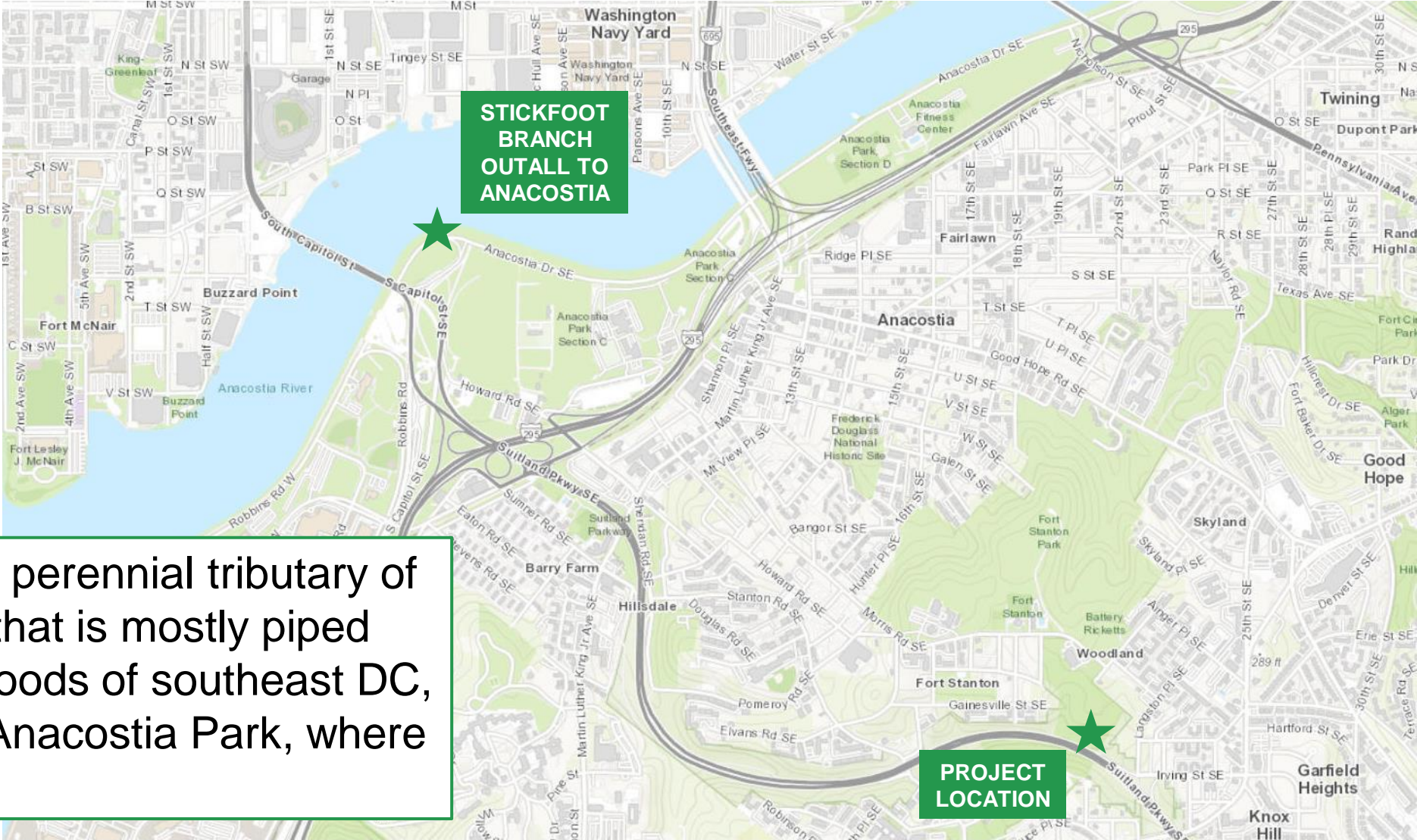
# Introduction

The District Department of Energy and Environment (DOEE) is preparing preliminary plans to restore an approximately 800 linear foot segment of Stickfoot Branch, and 140 linear feet of an unnamed tributary, west of Garfield Heights in southeast Washington, DC.

The restoration would be completed in partnership with the National Park Service – the stream segment is on parkland administered by National Capital Parks – East.



# Stream Restoration of Stickfoot Branch



Stickfoot Branch is a perennial tributary of the Anacostia River that is mostly piped under the neighborhoods of southeast DC, and Poplar Point at Anacostia Park, where its outfall is located.



# Existing Site Conditions

The Stickfoot Branch stream restoration study area is forested with steep valley slopes.

Several outfalls drain stormwater from Suitland Parkway and three unnamed tributaries (labeled Tributary A, B, and C on the map to the right) flow into Stickfoot Branch within the study area.

Stream condition assessments have been completed by the Metropolitan Washington Council of Governments (MWCOCG) on behalf of DOEE.

A summary of the degradation and other issues occurring within the study area are discussed on the following slides.



— Stickfoot Branch Stream Restoration Study Area  
— Local Hydrography



0 250 500 Feet

Project  
**Stickfoot Branch  
Stream Restoration Project**

Figure No.  
**1**

Title  
**Study Area Map**

★ ★ ★ DEPARTMENT  
OF ENERGY &  
ENVIRONMENT  
GOVERNMENT OF THE DISTRICT OF COLUMBIA



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Kudzu, a highly invasive plant species, has overtaken the northeast portion of the study area.





# Purpose of and Need for the Stream Restoration

The purpose of the stream restoration is to:

- reduce streambank erosion and channel bed incision;
- improve in-stream macroinvertebrate habitat;
- ensure the long-term protection of existing sanitary and stormwater infrastructure;
- manage invasive vegetation in the project site; and
- minimize impacts to natural and cultural resources.

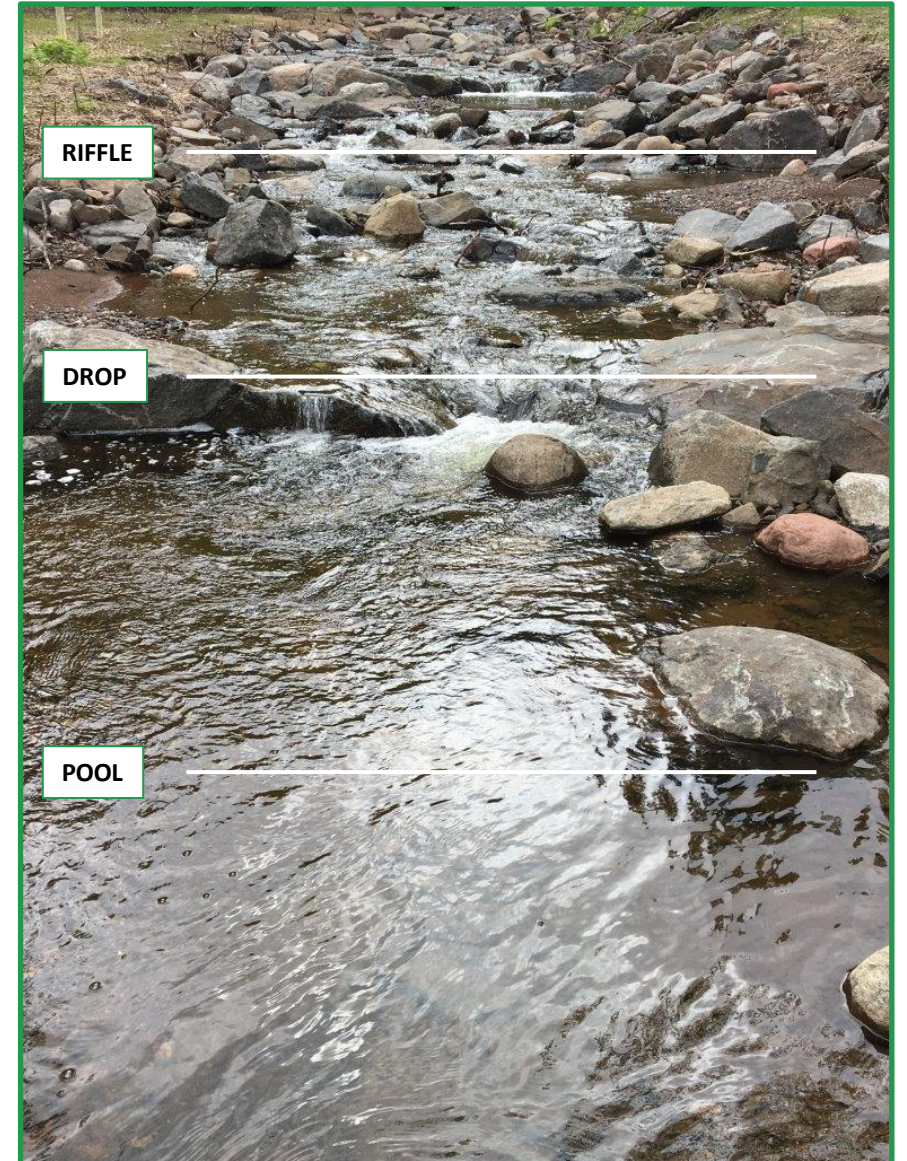
The restoration is needed to improve the long-term stability of Stickfoot Branch and to provide downstream water quality benefits in support of the ongoing effort to achieve District water quality standards for the Anacostia River watershed.





# Restoration Design Approach

- Restore Stickfoot Branch using a roughened channel design approach that mimics natural stream channels
- Install buried boulder sills to prevent channel downcutting and to protect sewer infrastructure
- Place rocks to promote flow diversity (drops, pools, and riffles)
- Remove piped sections of stream to increase length of natural channel design
- Restore side tributaries and drainage channels
- Implement invasive species management practices to control kudzu

































# Next Steps / Tentative Project Schedule

DOEE and NPS will prepare an Environmental Assessment (EA) to document the analysis of potential environmental impacts of the proposed stream restoration project in accordance with the National Environmental Policy Act (NEPA).

Public Scoping Period (Begins NEPA process)	February 18 – March 19
Prepare EA Document	March – June
EA Public Review	June – July
NPS Decision	July – August
Final Design	2021
Construction	2022

# Questions?

Please submit any questions or concerns you might have regarding the project using the chat feature.

Please only submit comments that are specific to the Stickfoot Branch stream restoration project.

We will allow about 10 minutes for the Q&A session.



# How to Comment

## Online:

<http://parkplanning.nps.gov/>

## U.S. Mail:

Attn: Stickfoot Branch Comments  
National Capital Parks – East  
1900 Anacostia Drive, SE  
Washington, DC 20020.

Comments must be submitted online or postmarked by March 19, 2021 to receive consideration.

# Thanks for your participation!

Please contact Josh with any questions or concerns regarding the proposed Stickfoot Branch stream restoration project.

**DOEE Project Manager:**

**Josh Burch, Environmental Protection Specialist**

**Phone: (202) 734-9527**

**Email: [josh.burch@dc.gov](mailto:josh.burch@dc.gov)**

**We thank you for your participation and appreciate your feedback on this project that will benefit the Anacostia River watershed!**