

FAIRFAX COUNTY OPERATION STREAM SHIELD

Enhancing Communities While Building Lives

Department of Public Works and Environmental Services Working for You!





Agenda

- Developing OSS
- Engaging Partners
- Roles and Responsibilities
- Workforce Development
- Metrics
- Lessons Learned

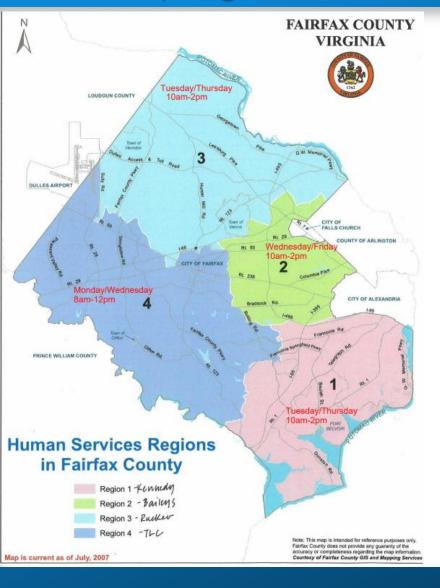


Developing OSS

Provide part-time, temporary employment experience and compensation to clients of the County's homeless shelters



Developing OSS





Eleanor U. Kennedy Shelter & Bailey's Community Shelter



Embry Rucker Community Shelter



Not County Owned or Operated



Roles & Responsibilities

Fairfax County

- Identify project sites
- Maintain GIS Application for non-profits to access workorders
- Provide trash bags and safety vests
- Remove collected trash and debris for proper disposal

Non-Profits

- Vet clients
- Provide supervision, worker's comp, transportation to work sites
- Administer and manage monetary transactions
- Track work completed each day and submit to county project manager

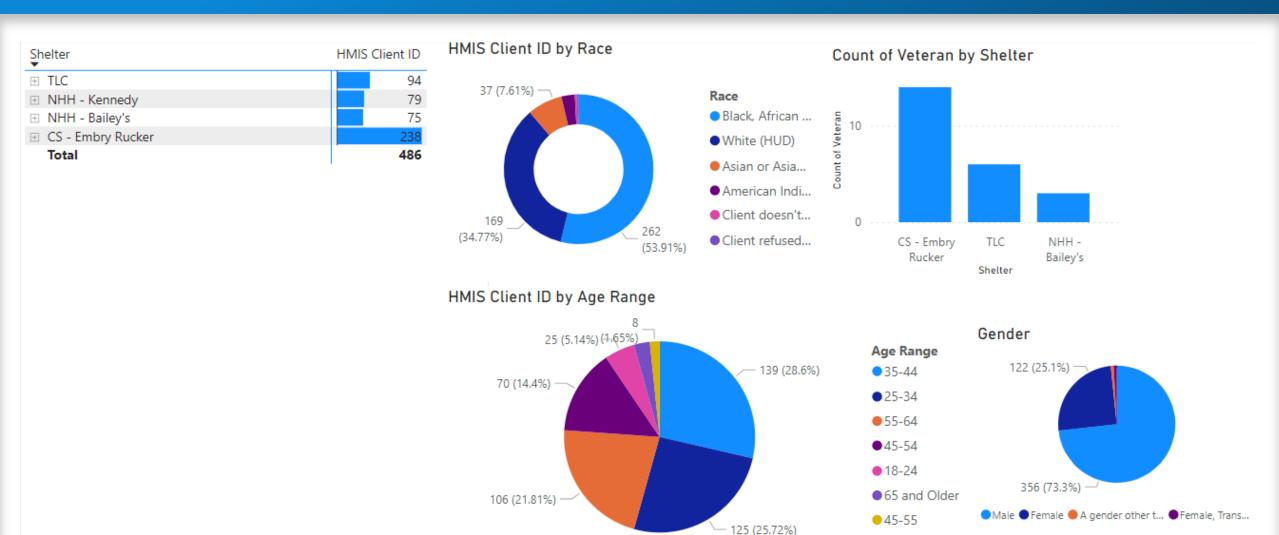


One Fairfax

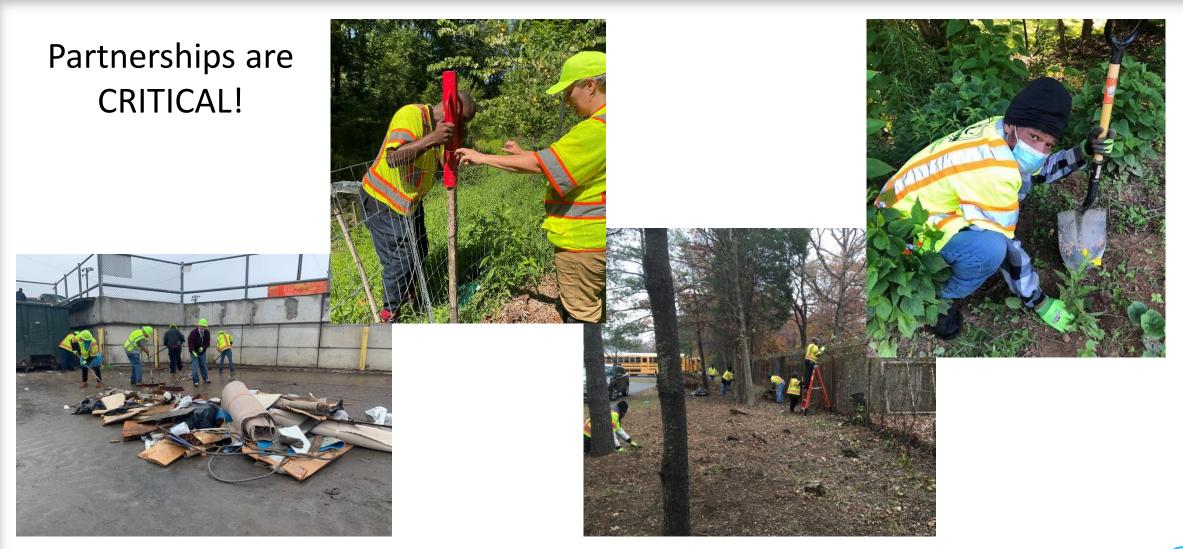
"...all residents deserve an equitable opportunity to succeed – regardless of their race, color, sex, nationality, sexual orientation, religion, disability, income, or where they live."



Human Services Metrics from FY23



Operation Stream Shield Engaging Partners



Workforce Development

Solid Waste Transfer Station

- Maintenance Worker
- Seasonal Laborer

Noman Cole Wastewater Treatment Facility

Operator 1

Park Authority

Seasonal Laborer

Stormwater

Maintenance Worker



Metrics from FY23



7,546 bags of trash removed



Removed 373 bags of invasive plants

Enhanced Litter Collection

- Two-bag system:
 - Separate recyclable material (clear bags)
 from general trash (gray bags)
- Hope to separate glass in the future!
 - Clean and haul to Fairfax County glass collection (Purple Bins)
 - A top item in cleanups, by category and by weight
 - Commitment to circularity
- QA/QC: weighing bags
 - To check accuracy of dry weight estimations for each material type



Results of 2-Bag System

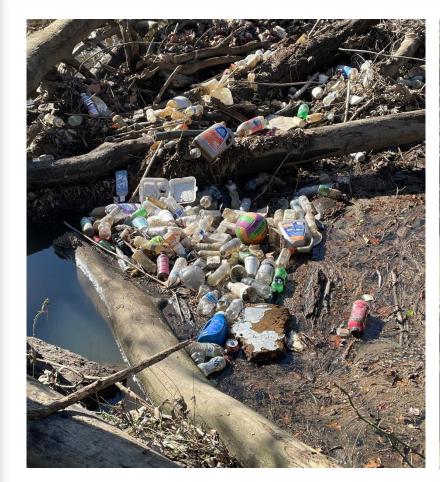
Results

- Confirmed suspicions about levels of recyclable material in streams, parks, roadsides, and other OSS sites
- Approaching the 1-year mark
- Dominant materials:food and beverage items



Site descriptions and observations from cleanups. Combined FY2023-24.

OSS in Action!







Little Hunting Creek — a 3.6 mile tributary of the Potomac in eastern Fairfax County, VA

Lessons Learned

- Littering and illegal dumping remain very difficult to enforce
- Identifying who can participate on OSS
- Access to sites
 - FCPS, private property, encampments
- Removal of collected and bagged trash
- Steep learning curve for everyone
- Development and implementation of a mobile application



Expansion Opportunities & Effectiveness Assessment

- Expansion Opportunities
 - Community Labor Force gaps
 - OSS crews disposing of collected material at Solid Waste Facilities
- Effectiveness Assessment
 - For this program to run more effectively we need:
 - Unified procedures
 - Enhance workforce development



Additional Information

For additional information, please contact

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