Grow

WATER ACCESS FOR COMMUNITY GROUPS AND FARMERS

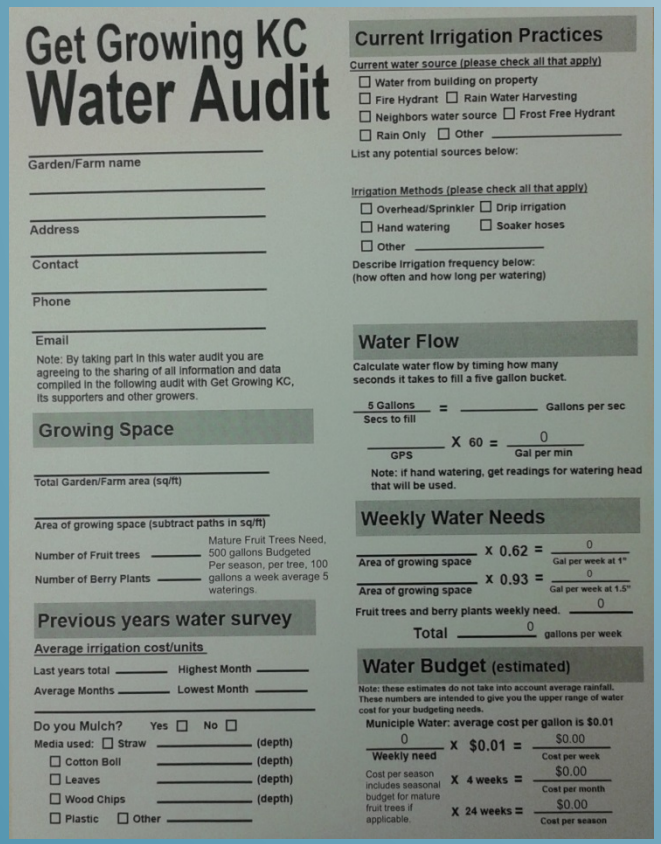
- **Water audits to assess water needs**
- **Small Grants program to help implement recommended strategies**

Managed by Kansas City Community Gardens and sponsored by the City of Kansas City, MO

WATER AUDIT

Determine your water needs and receive recommendations for:

- **Best water practices and sources**
- **Soil improvement and conservation**
- **Water budget estimates**
- **increasing water access and affordability**



Get Growing KC
Water Audit

Garden/Farm name

Address

Contact

Phone

Email

Note: By taking part in this water audit you are agreeing to the sharing of all information and data complied in the following audit with Get Growing KC, its supporters and other growers.

Growing Space

Total Garden/Farm area (sq/ft)

Area of growing space (subtract paths in sq/ft)

Number of Fruit trees ____ Number of Berry Plants ____

Mature Fruit Trees Need, 500 gallons Budgeted Per season, per tree, 100 gallons a week average 5 waterings.

Previous years water survey

Average irrigation cost/units

Last years total ____ Highest Month ____

Average Months ____ Lowest Month ____

Do you Mulch? Yes ☐ No ☐

Media used: ☐ Straw ____ (depth)
☐ Cotton Boll ____ (depth)
☐ Leaves ____ (depth)
☐ Wood Chips ____ (depth)
☐ Plastic ☐ Other ____

Current Irrigation Practices

Current water source (please check all that apply)

☐ Water from building on property
☐ Fire Hydrant ☐ Rain Water Harvesting
☐ Neighbors water source ☐ Frost Free Hydrant
☐ Rain Only ☐ Other ____

List any potential sources below:

Irrigation Methods (please check all that apply)

☐ Overhead/Sprinkler ☐ Drip irrigation
☐ Hand watering ☐ Soaker hoses
☐ Other ____

Describe Irrigation frequency below: (how often and how long per watering)

Water Flow

Calculate water flow by timing how many seconds it takes to fill a five gallon bucket.

5 Gallons / Secs to fill = ____ Gallons per sec

____ GPS X 60 = 0 Gal per min

Note: if hand watering, get readings for watering head that will be used.

Weekly Water Needs

____ Area of growing space X 0.62 = 0 Gal per week at 1"

____ Area of growing space X 0.93 = 0 Gal per week at 1.5"

Fruit trees and berry plants weekly need. 0

Total 0 gallons per week

Water Budget (estimated)

Note: these estimates do not take into account average rainfall. These numbers are intended to give you the upper range of water cost for your budgeting needs.

Municiple Water: average cost per gallon is $0.01

0 Weekly need X $0.01 = $0.00 Cost per week

Cost per season includes seasonal budget for mature fruit trees if applicable.

X 4 weeks = $0.00 Cost per month

X 24 weeks = $0.00 Cost per season

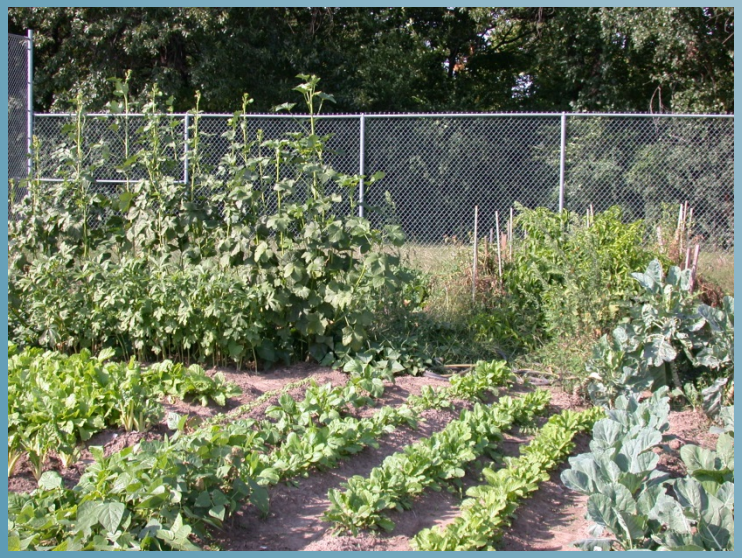
SMALL GRANTS

- Water catchment systems
- Municipal water line tap and installation
- Spigot meter and pvc connections
- Water pumping systems
- Drip irrigation systems

TECHNICAL ASSISTANCE WITH IMPLEMENTATION

- **Helping implement your water access projects**
- **Connecting you to helpful resources**
- **Providing on-going support for your community garden or farm**

TO FIND OUT MORE INFORMATION OR APPLY FOR A SMALL GRANT:



Visit the Kansas City Community Gardens website at www.kccg.org

Or call the KCCG office at 816-931-3877 and ask for Andrea Mathew