

CCAP Cistern Checklist

Please complete & include with CCAP contract & Technical assistance requests

Contract #: _____

Landowner Name: _____

District Contact: _____

A. Site Eligibility

1. The site land use is:
 - Agriculture Ineligible for CCAP funds
 - Non-agriculture continue to A2

2. Please indicate the water quality concern below:
The gutter downspouts are connected/drain to:
 - Established vegetated area Ineligible for CCAP funds
 - Significantly eroded vegetated area continue to A3
 - Impervious surface (road, driveway, etc) continue to A3
 - Storm drain continue to A3
 - Waterway continue to A3

3. A photograph of the water quality concern/problem has been submitted with this form.
 - Yes continue to A4
 - No complete before proceeding

4. This project has been evaluated using the District CCAP ranking form, examined for its potential water quality benefit, and given priority by the District Board:
 - Yes continue to B1
 - No complete before proceeding

B. Water Use

1. The water use demand has been measured and documented below:
 - a. Please provide a detailed description of what the cistern water will be used for:

 - b. What is the estimated water use? _____

 - c. How was this determined? _____
 - Yes (*the questions above have answered*) continue to B2
 - No (*the questions above are incomplete*) complete before proceeding

2. The cistern water will be used for:
 - Irrigation continue to B3
 - Washing vehicles continue to B4
 - Indoor non-potable uses continue to B5
 - Other uses contact CCAP specialist

3. This water will be used to irrigate:
 - Non-edible plants continue to C1
 - Edible plants See O&M Plan

(Remind landowners to wash their produce before consuming)
4. The runoff from washing vehicles is directed to:
 - Impervious surfaces ineligible for CCAP funds
 - Pervious, vegetated surface continue to C1
 - Companion BMP (rain garden, etc) continue to C1
5. If cistern water is used for Indoor non-potable uses, the Landowner must be informed that:
 - CCAP cannot provide cost share or assistance for any plumbing work.
 - They must follow any applicable codes and regulations.
 - The above has been completed continue to C1

C. Sizing

1. The roof drainage area has been determined and documented below:

Total roof area the cistern will be capturing: _____ sq ft.

 - Yes continue to C2
 - No complete before proceeding
2. The potential water use demand has been documented (*BI and as a Model input*):
 - Yes continue to C3
 - No complete before proceeding
3. Both C1 and C2 have been used to determine the estimated cistern size:
 - Yes continue to C4
 - No complete before proceeding
4. If necessary, gutter modification and sizing has been discussed with a specialist:
 - Yes continue to C5
 - No complete before proceeding

NCSU guidelines recommend 1 square inch of downspout per 100 square feet of rooftop.
5. Sizing documentation has been included (rain water harvesting model outputs, etc):
 - Yes continue to D1
 - No complete before proceeding

The proposed size of the cistern is: _____ gallons

D. Storage

1. The effective operating level has been determined
(The max amount full the cistern can be, and still capture the first flush):
 - Yes continue to D2
 - No complete before proceeding
2. The operation and maintenance plan has been signed by the Landowner to assure cistern usage and effectiveness:
 - Yes YOU ARE QUALIFIED!!!
 - No complete before proceeding