Swine & Dairy Assistance Program
LIVESTOCK WATERING
INVENTORY and ASSESSMENT FORM
Agricultural Water Supply Pond

COOPERATOR INFORMATION

First Name

Last name

Street Address

City

County of Pond Site

Tract - Field

Pond Site Coordinates (decimal degrees):

LAT

LONG

Type of livestock:

- [ ] Beef
- [ ] Dairy
- [ ] Swine
- [ ] Poultry
- [ ] Equine
- [ ] Goat/Sheep
- [ ] Other, specify:

Type of operation:

COOPERATOR OBJECTIVE

Provide a detailed explanantion of the Cooperator's objectives as they relate to livestock water management.

How will a Agricultural Water Supply/Reuse Pond be used to meet the Cooperators objectives?

LIVESTOCK WATER MANAGEMENT - EXISTING

Information in this section should reflect the EXISTING livestock and water management

☐ Cooperator does not currently water any livestock

Does the cooperator have a livestock Water Management Plan?   ☐ YES   ☐ NO

Type of Livestock	Type of operation	Number of livestock

How is water currently being used in the operation?

Current power source

☐ Electric   ☐ Diesel   ☐ Other: _____

Existing drinking water sources

☐ Pond/Lake   ☐ Well   ☐ Other: _____
☐ Stream/River   ☐ Municipal
☐ Ditch   ☐ NONE

Are there existing watering facilities and pipeline?   ☐ YES   ☐ NO

Type of watering facilities: _____

Estimated volume of water used (AF) _____
(Provided by the cooperator or calculated using th AgWRAP Water Balance Tool)

List exisiting conservation practices

LIVESTOCK WATER MANAGEMENT - PROPOSED

Information in this section should reflect the PROPOSED livestock and water management

Specify the type of livestock and TOTAL number (existing + expansion)

Type of Livestock	Type of operation	Number of livestock

How will the water be used in the operation?

Planned Power source

☐ Electric   ☐ Diesel   ☐ Other: _____

Estimated volume of water that will be used (AF)   [   ]
(Provided by the cooperator or calculated using th AgWRAP Water Balance Tool)

List additional and alternative practices that will be planned to address livestock watering management concerns

SITE CHARACTERISTICS - PROPOSED POND

The values in this section are based on a proposed pond site and simple measurements. These values are intended to provide a rough estimate of pond site characteristics and are subject to change when a more detailed site investigation is conducted.

Type of Pond: Excavated ☐   Embankment ☐   Combination ☐

Watershed Drainage Area (ac)

[   ]   Calculate Watershed Drainage Area using GIS or https://streamstats.usgs.gov/ss/

Pond Surface Area (ac)

[   ]

Pond Volume (ac-ft)

[   ]

Pond volume = Pond Surface Area X Max. Water Depth*

*If actual depth is unknkown use 8 ft as an estimate

Embankment Length (ft)

[   ]

AgWRAP WATER BALANCE

What percent of demand will be met by this pond? (This figure must be calculated using the AgWRAP Water Balance Tool)

[   ]

TECHNICAL REPRESENTATIVE

Name

[   ]

Agency

[   ]

Signature

[   ]

Date

[   ]