

Water Treatment Design Request

Date of Request

Date Design Required

Contact Information

Company

Contact

Alternate Contact

Address

Phone

Email Address

Crops Grown (check all that apply)

Tomatoes Peppers Cucumbers Roses Cut Flowers

Bedding Potted Seedlings/Plugs Nursery Other

Greenhouse Information

A site plan will be helpful in designing your water treatment system. Please include if available.

Total existing and new greenhouse area.

Total Square Footage served by this system.

Greenhouse

Outdoor

Would you prefer one large system or one per house?

Is a pump house or other enclosure available?

What is the size area available for this system?

Length X Width X Height

How far is this area from the water source to be treated?

Please list all available power on site. (include 3Ø)

Desired Water Quality Parameters

Maximum TDS

ppm / megaohms / microohms

Target pH range

Target E.C.

Target Fe

ppm

Type of Chelate

Systems to design

Disinfection Filtration RO Pumps VFD (existing pump)

(check all that apply)

Aeration Recirculation Storage Other

When should this be operational?

Water Information

Water Source (check all that apply) Well Stream/River Municipal Reclaimed Water Line
 Runoff Pond Rain Water Basin Dedicated Irrigation

Flow to be treated Per minute Per day

Pond Dimensions Water temperature
Length Width avg depth Min Max F/C

Irrigation Types Served Drip Flood Bench Flood Floor Boom Sprinkers
(check all that apply) Mist NFT Hydroponic (type of media used)

Existing storage volume Tank 1 gal / L Fert? Tank 2 gal / L Fert?
Tank 3 gal / L Fert? Tank 4 gal / L Fert?

Describe the primary water treatment problem.

General appearance of water source (color, clarity)

Current Treatment Methods (check all that apply) Softener Carbon Filter Sand Filter DI Filter
 Cartridge Filter R.O Chlorine Chlorine Dioxide
 Hydrogen Peroxide Other (describe)

How is treated water used?

Amount used per day Min flow rate Max flow rate

Is water used for cooling? Evaporative Pads Fog System Cooling flow rate

Will cooling water be treated?

Water Content

A current water analysis will be necessary to properly design your water treatment system. Please complete the information below and attach a recent analysis. An additional sample may be necessary.

pH	<input type="text"/>	E.C.	<input type="text"/>	HC03	<input type="text"/>	Fe	<input type="text"/> ppm
F	<input type="text"/> ppm	Mn	<input type="text"/> ppm	Ca	<input type="text"/> ppm	Mg	<input type="text"/> ppm
Na	<input type="text"/> ppm	K	<input type="text"/> ppm	S04	<input type="text"/> ppm	Cl	<input type="text"/> ppm
SiO2	<input type="text"/> ppm	Chlorine	<input type="text"/> ppm	NO3	<input type="text"/> ppm	CaCO3	<input type="text"/> ppm
PO4	<input type="text"/> ppm	Other Organic Contaminants	<input type="text"/>				

Notes

Please provide any additional details or information you feel might help us design your system.

Pond Information

Please fill in one form for each pond to be treated. Copy if necessary.

Pond Name or Identification

Pond Shape Round Oval Rectangular Square Other

Sketch and mark sides:

Dimensions Side 1: Side 2 Side 3 Side 4

Surface Area Are Drawings Available? Year Built

Depth Deepest: Shallowest: Average:

Estimated Capacity

Bottom Contour V Shaped Flat Sloped Describe:

Bottom Type Lined Concrete Unlined

Source Well Stream Ground Runoff Irrigation Runoff Spring

Use Current Irrigation Desired Irrigation Other:

Flow Per Day needed Max Flow Rate per minute

Are you treating now? How?

Describe your Treatment program

Water Temperatures Summer Fall Winter Winter

Is a pump house or other enclosure available?

Please list all available power on site. (include 3 ϕ)

Notes

Please provide any additional details or information you feel might help us design your system.