



SUBMERSED AQUATIC VEGETATION CONTROL PROGRAM

**Brazilian Waterweed (*Egeria densa*),
Curly-leaf Pondweed (*Potamogeton crispus*),
Eurasian Watermilfoil (*Myriophyllum spicatum*),
Fanwort (*Cabomba caroliniana*) and
Coontail (*Ceratophyllum demersum*)**

*California Department of Parks and Recreation
Division of Boating and Waterways
Aquatic Invasive Plant Control Program (AIPCP)*

Treatments for May 11 through May 15, 2020



Herbicide treatment of invasive submersed aquatic vegetation will begin on April 20, 2020 in various areas of the Sacramento -San Joaquin Delta.

Treatments may not occur in some or all sites due to weather conditions, and growth stage of the aquatic invasive plants.

Fluridone Treatment Sites				
CC	SAC	SJ	SOL	YOLO
93, 106, 107, 108,	15, 18, 19a,	8, 10, 12, 25, 26,	176, 251,	276,
109, 110, 111,	20, 22, 209a,	30, 34, 38, 77,	262, 272,	277
112, 133, 171	240b, 241	78, 85b, 213b	276	

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Treatment Site Map

Detailed Site Information

"Treatment sites and schedules are subject to change based on regulatory requirements, weather conditions, plant growth and movement, waterway traffic, listed fish presence surveys, and other conditions."

- Edward J. Hard, Environmental Program Manager I

- Spraying will be conducted weekly, Monday through Friday between the hours of 7 a.m. to 4 p.m.
- Herbicide applications during the treatment period will utilize Fluridone (Sonar) only.

Treatment Period:

April 20, 2020 - November 30, 2020

County References:

ALA - Alameda; CC - Contra Costa;
 MER - Merced; SAC - Sacramento; SJ - San Joaquin;
 STAN - Stanislaus; SOL - Solano; YOLO - Yolo

Aquatic Invasive Plant Control Program
 California State Parks Division of Boating and Waterways (DBW)

Submersed Aquatic Vegetation Approved for Control (2020 Season)

Brazilian waterweed <i>Salvinia molesta</i>	Submersed	<p>Description</p> <ul style="list-style-type: none"> • Consists of submersed with roots attached to the stem • 1/2 leaves in a whorled arrangement • Floats on a spongy, buoyant stem • 10-15" in height and 1/2" in diameter • Stem and leaves float below the water surface • Native to South America <p>Growth Period: Spring, late fall through June - October</p> <p>Harvest: 1/2" to 1/4" long, 1/2" to 1/4" wide, 1/2" to 1/4" thick, 1/2" to 1/4" diameter</p> <p>Control Methods Currently Used By DBW:</p> <ul style="list-style-type: none"> • Herbicide
Cutleaf pondweed <i>Potamogeton amplifolius</i>	Submersed	<p>Description</p> <ul style="list-style-type: none"> • Leaves are floating, semi-submersed, have 3 or 4 leaflets, and float on a spongy stem • 1/2" to 1" in height and 1/2" to 1" in diameter • 1/2" to 1" in height and 1/2" to 1" in diameter • 1/2" to 1" in height and 1/2" to 1" in diameter • 1/2" to 1" in height and 1/2" to 1" in diameter • 1/2" to 1" in height and 1/2" to 1" in diameter <p>Growth Period: Spring, late fall through June - October</p> <p>Harvest: 1/2" to 1" long, 1/2" to 1" wide, 1/2" to 1" thick, 1/2" to 1" diameter</p> <p>Control Methods Currently Used By DBW:</p> <ul style="list-style-type: none"> • Herbicide
European watermilfoil <i>Myriophyllum spicatum</i>	Submersed	<p>Description</p> <ul style="list-style-type: none"> • Consists of creeping submerged stems, usually 1/2" to 1" in height and 1/2" to 1" in diameter • 1/2" to 1" in height and 1/2" to 1" in diameter • 1/2" to 1" in height and 1/2" to 1" in diameter • 1/2" to 1" in height and 1/2" to 1" in diameter • 1/2" to 1" in height and 1/2" to 1" in diameter <p>Growth Period: Spring, late fall through June - October</p> <p>Harvest: 1/2" to 1" long, 1/2" to 1" wide, 1/2" to 1" thick, 1/2" to 1" diameter</p> <p>Control Methods Currently Used By DBW:</p> <ul style="list-style-type: none"> • Herbicide

Controlled SAV
Informational Handout

Aquatic Invasive Plant Control Program
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Aquatic Vegetation Not Approved for Control (2020 Season)

Floating pennywort <i>Lithospermum salsugineum</i>	Floating	<p>Description</p> <ul style="list-style-type: none"> • Consists of rounded, pointed, overlapping, creeping stems • 1/2" to 1" in height and 1/2" to 1" in diameter • 1/2" to 1" in height and 1/2" to 1" in diameter • 1/2" to 1" in height and 1/2" to 1" in diameter • 1/2" to 1" in height and 1/2" to 1" in diameter <p>Growth Period: Spring, late fall through June - October</p> <p>Harvest: 1/2" to 1" long, 1/2" to 1" wide, 1/2" to 1" thick, 1/2" to 1" diameter</p>
Spotted waterlily <i>Najas sp.</i>	Floating	<p>Description</p> <ul style="list-style-type: none"> • Consists of rounded, pointed, overlapping, creeping stems • 1/2" to 1" in height and 1/2" to 1" in diameter • 1/2" to 1" in height and 1/2" to 1" in diameter • 1/2" to 1" in height and 1/2" to 1" in diameter • 1/2" to 1" in height and 1/2" to 1" in diameter <p>Growth Period: Spring, late fall through June - October</p> <p>Harvest: 1/2" to 1" long, 1/2" to 1" wide, 1/2" to 1" thick, 1/2" to 1" diameter</p>
Waterhyacinth, Duckweed, Watermeal <i>Eichhornia crassipes, Lemna sp., Wurmbea sp.</i>	Floating	<p>Description</p> <ul style="list-style-type: none"> • Consists of floating plants or patches • 1/2" to 1" in height and 1/2" to 1" in diameter • 1/2" to 1" in height and 1/2" to 1" in diameter • 1/2" to 1" in height and 1/2" to 1" in diameter • 1/2" to 1" in height and 1/2" to 1" in diameter <p>Growth Period: Spring, late fall through June - October</p> <p>Harvest: 1/2" to 1" long, 1/2" to 1" wide, 1/2" to 1" thick, 1/2" to 1" diameter</p>

Uncontrolled Species
Informational Handout



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