

DRAFT WQFAM 4.5 DATA SHEET

Part 1 Clarity

Site/Project Name	Site/Project ID	Conducted by
		Date

Container Visual Review (look through the container)

Can't see through the bottle = 1
Can see through container, but can't read text on datasheet =4
Can see through container, and can read text on datasheet =6
Pretty clear, but not as clear as bottled water = 8
As clear as bottled water =10

Container Visual Review Score = _____

Visual Indicators

Floating Solids	Yes / No	Describe
Suspended Solids	Yes / No	Describe
Oil / Fuel Sheen	Yes / No	Color and amount
Foam	Yes / No	Describe thickness, color, how much surface it covers
Dead Aquatic Life	Yes / No	Describe

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Part 2 Algae

Site/Project Name	Site/Project ID	Conducted by
		Date

Algal Community - Circle score or check box

	Score
Algal community composition is not characterized by species tolerant of and associated with water quality degradation.	10
Some of the algal community composition consists of species tolerant of and associated with moderate water quality degradation.	7
Half of the algal community composition consists of species tolerant of and associated with moderate water quality degradation.	5
Much of the algal community composition consists of species tolerant of and associated with moderate water quality degradation.	3
The algal community composition consists predominantly of species tolerant of and associated with highly degraded water	0

Algal community composition =

Algal Biomass

Algal biomass low	10
↕	7
Algal biomass moderate	5
↕	3
Algal biomass excessive	0

Algal biomass score =

Blue-Green Algae

No blue-green or filamentous green algae	10
Approximately 30% blue-green or filamentous green algae	7
Approximately 50% blue-green or filamentous green algae	5
Approximately 70% blue-green or filamentous green algae	3
Blue-green or filamentous green algae monoculture	0

Blue-green Algae score =

Algal Cover

Algal cover characteristic for that wetland type	10
Most of the algal cover characteristic for that wetland type	7
Half of the algal cover characteristic for that wetland type	5
Some of the algal cover characteristic for that wetland type	3
Algal cover completely uncharacteristic for that wetland type	0

Algal cover score =

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Part 3 Plant Species and Condition

Site/Project Name	Site/Project ID	Conducted by
		Date

Examples of Undesirable Species

Genus	Species	Common Name
<i>Alternantera</i>	<i>philoxeroides</i>	alligator weed
<i>Ardisia</i>	<i>elliptica</i>	shoebuttton ardisia
<i>Brachiaria</i>	<i>mutica</i>	para grass
<i>Casuarina</i>	<i>equisetifolia</i>	Australian pine
<i>Colocasia</i>	<i>esculenta</i>	taro
<i>Cupaniopsis</i>	<i>esculenta</i>	carrotwood
<i>Dioscorea</i>	<i>bulbiflora</i>	air potato
<i>Eichornia</i>	<i>crassipes</i>	water hyacinth
<i>Hydrilla</i>	<i>verticillata</i>	hydrilla
<i>Hymenachne</i>	<i>amplexicaulis</i>	West Indian marsh grass
<i>Ludwigia</i>	<i>octovalvis</i>	water primrose
<i>Ludwigia</i>	<i>peruviana</i>	primrose willow
<i>Lygodium</i>	<i>japonicum</i>	Japanese climbing fern
<i>Lygodium</i>	<i>microphyllum</i>	old world climbing fern
<i>Mikania</i>	<i>scandens</i>	climbing hempweed
<i>Melaleuca</i>	<i>quincunervia</i>	melaleuca
<i>Panicum</i>	<i>repens</i>	torpedo grass
<i>Paspalum</i>	<i>notatum</i>	bahia grass
<i>Pistia</i>	<i>stratiotes</i>	water lettuce
<i>Psidium</i>	<i>guajava</i>	guava
<i>Rhodomyrtus</i>	<i>tomentosa</i>	downy rose myrtle
<i>Sapium</i>	<i>secunotatum</i>	Chinese tallow
<i>Schinus</i>	<i>terebinthifolius</i>	Brazilian pepper
<i>Senna</i>	<i>pendula</i>	climbing cassia
<i>Syzygium</i>	<i>cumini</i>	Java plum
<i>Tespesia</i>	<i>populnea</i>	seaside mahoe
<i>Typha</i>	spp.	cattail
<i>Urena</i>	<i>lobata</i>	Caesar weed
<i>Wedelia</i>	<i>trilobata</i>	wedelia

Plants Observed

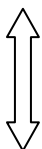
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Plant Community

	Score
Plant community composition is not characterized by species tolerant of and associated with water quality degradation.	10
Some of the plant community composition consists of species tolerant of and associated with moderate water quality degradation.	7
Half of the plant community composition consists of species tolerant of and associated with moderate water quality degradation.	5
Much of the plant community composition consists of species tolerant of and associated with moderate water quality degradation.	3
The plant community composition consists predominantly of species tolerant of and associated with highly degraded water	0

Plant community composition =

Plant Community Zonation

Zonation of vegetation appropriate	10
	7
	5
	3
	0
Zonation of vegetation inappropriate	0

Plant Community Zonation score =

Plant Cover

Plant cover characteristic for that wetland type	10
Most of the plant cover characteristic for that wetland type	7
Half of the plant cover characteristic for that wetland type	5
Some of the plant cover characteristic for that wetland type	3
Plant cover completely uncharacteristic for that wetland type	0

Plant cover score =

Notes: