

Weed Risk Management System

Steve Peart



Port Stephens Local Government Area

A great lifestyle in a treasured environment.

Tourism & Economy



PORT STEPHENS
COUNCIL

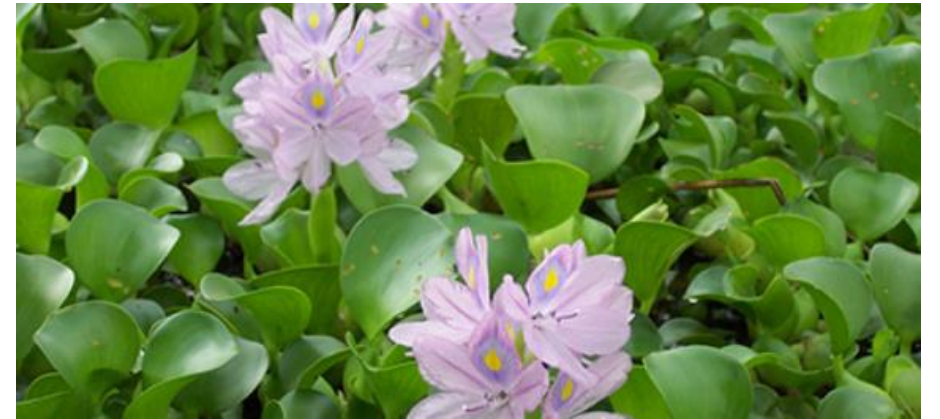
Conservation & Environment



Urban & Agricultural



- 1. Risk Management**
- 2. Resource Allocation**
- 3. Communication**



Risk Management



- Natural environment
 - Waterways
 - Farmland
 - Industry
-
- Reputation
 - Legal Compliance



Search WRM assessments

WRM profile (by common name):

or WRM profile (by botanical name):

Land use:

LLS:

Assigned to user:

Status:

Include archived:

☒ Any
 ☐ Submitted only
 ☐ Approved only

☐ All
 ☒ Active only
 ☐ Archived only

[Create a new assessment](#)

Clear

SEARCH

WRM profile	LLS	Land use	Management area	Status	WRS / CFS	Last assigned/updated
African boxthorn (<i>Lycium ferocissimum</i>)	Hunter	2. PRODUCTION FROM RELATIVELY NATURAL ENVIRONMENTS	Region: Hunter LLS Region. All of region	Working	118 / 44	Matthew Shillam 2/08/2018 10:58:00 AM
African olive (<i>Olea europaea subsp. cuspidata</i>)	Hunter	2. PRODUCTION FROM RELATIVELY NATURAL ENVIRONMENTS	Region: Hunter LLS sub region - Core infestation (Singleton and Maitland). Riparian zones, bushland, roadsides, undulating terrain.	Working	146 / 45	Matthew Shillam 2/08/2018 10:58:00 AM
African olive (<i>Olea europaea subsp. cuspidata</i>)	Hunter	2. PRODUCTION FROM RELATIVELY NATURAL ENVIRONMENTS	Region: Hunter LLS sub region - Outside core infestation. Riparian zones	Working	146 / 17	Matthew Shillam 2/08/2018 10:58:00 AM



Weed Risk Assessment Program Prioritisation System (WRAPPS)

	1	2	4	6	7	8	9	10	11	12	13	14
1	T= 1276		B= 0.00		S= 608.70							
	Weed Name	WRS	CFS	Outcome	t	R [WRS-CFS]	P [R/ΣR] {note; if RS<0 = 0}}	p [P*T]	a [=P x t if P x T>t or else a=t]	c [if a<t =S-(t-a) else =a]	s [if a<t =a+S to meet t if S is available else =a]	A [=s+(BxP)]
3	<i>Dolichandra unguis-cati</i>	140.35	1.03	Destroy infestations	20.00	139.32	0.11	142.16	20.00	608.70	20.00	20.00
4	<i>Barleria repens</i>	133.16	7.95	Destroy infestations	20.00	125.20	0.10	127.75	20.00	608.70	20.00	20.00
5	<i>Sida gangetica</i> (species co	131.23	9.72	Destroy infestations	568.00	121.51	0.10	123.98	123.98	164.68	568.00	568.00
6	<i>Cortaderia species</i>	125.26	4.92	Destroy infestations	60.00	120.34	0.10	122.79	60.00	164.68	60.00	60.00
7	<i>Echium plantagineum</i>	109.474	1.89394	Destroy infestations	66	107.58	0.09	109.77	66.00	164.68	66.00	66.00
8	<i>Anredera cordifolia</i>	97.8947	3.28283	Contain spread	30	94.61	0.08	96.54	30.00	164.68	30.00	30.00
9	<i>Gloriosa superba</i>	94.7368	4.0404	Contain spread	10	90.70	0.07	92.54	10.00	164.68	10.00	10.00
10	<i>Bryophyllum species</i>	98.2456	8.83838	Contain spread	120	89.41	0.07	91.23	91.23	135.91	120.00	120.00
11	<i>Asparagus virgatus</i>	87.6316	1.51515	Contain spread	16	86.12	0.07	87.87	16.00	135.91	16.00	16.00
12	<i>Cenchrus species</i>	78.5965	0.84175	Contain spread	10	77.75	0.06	79.34	10.00	135.91	10.00	10.00
13	<i>Baccharis halimifolia</i>	78.2456	1.38889	Contain spread	88	76.86	0.06	78.42	78.42	126.33	88.00	88.00
14	<i>dropuntia and Opuntia</i>	90.0585	17.5926	Protect priority sites	19	72.47	0.06	73.94	19.00	126.33	19.00	19.00
15	<i>Crotalaria lunata</i>	56.8421	1.98864	Contain spread	4	54.85	0.04	55.97	4.00	126.33	4.00	4.00
16	<i>Heteranthera reniformis</i>	50.5263	1.89394	Contain spread	6	48.63	0.04	49.62	6.00	126.33	6.00	6.00
17	<i>Cestrum parqui</i>	68.1579	22.2538	Protect priority sites	56	45.90	0.04	46.84	46.84	117.17	56.00	56.00
18	<i>Eichhornia crassipes</i>	98.2456	56.25	Manage sites	38	42.00	0.03	42.85	38.00	117.17	38.00	38.00
19	<i>Ageratina adenophora</i>	40	20.0126	Protect priority sites	28	19.99	0.02	20.39	20.39	109.56	28.00	28.00
20	<i>Asparagus asparagoide</i>	63.1579	55.8712	Manage sites	20	7.29	0.01	7.44	7.44	97.00	20.00	20.00
21	<i>monoides monilifera subsp</i>	92.6316	96.8013	Manage sites	52	-4.17	0.00	0.00	0.00	45.00	52.00	52.00
22	<i>heteranthera philoxeroide</i>	103.596	269.413	Manage weed	100	-165.82	0.00	0.00	0.00	0.00	45.00	45.00

Conclusion



- Effective management of weed risk
- Efficient allocation of resources
- Monitoring and reporting
- Environmental and industry protection

