

Hunting and Conservation Queensland

Weed Seed Spread Prevention Code of Practice.

1. Introduction – Why a Code of Practice?

Hunting and Conservation (H&C) Queensland recognise weeds to be detrimental to both the environment as well as to the integrity of those operators who assist in their spread.

1.1 Legislation.

The Code is intended to meet the legislative requirements of the ‘*Land Protection (Pest and Stock Route Management) Act 2002*’. Sections 45 and 46 of the Act forbid the sale, supply or transportation of any Class 1 or Class 2 declared weeds. The penalties for breaching the Act are currently 100 penalty units at \$75 per unit¹, for up to a maximum of 800 units. Preventing the incursion of penalties and associated stigma could be as simple as setting in place these best management guidelines.

1.2 Environment and Conservation.

It is hoped that the recommendations in this code will uphold the values of H&C for conservation of the natural Australian environment as well as a healthy environment.

‘Hunting and Conservation Q’ can be proactive on both a weed and pest front in maintaining the integrity of the environment.

To assist in the protection and restoration of Australian biotic communities by developing feral animal control programs in conjunction with landholders and government departments.

1.3 Raise Awareness.

Many at H & C Q and within SSAA are aware that weeds can be problematic in any landscape and have a desire to minimise their impact. However, because weed issues vary across the state, this standard aims to ensure all members become familiar with particular weed issues in those areas in which they will be traveling.

It is also hoped that the code will ensure that members throughout the organization are acting consistently.

¹ This figure is subject to change. However, a fine of 100 penalty units adds up to \$7500 if the cause of a weed outbreak is traced back to a person or company moving or supplying things without the Weed Hygiene Declaration.

2. Best Management Practice Guidelines.

One of the most common and simple ways for ensuring weeds are not spread via vehicles and vehicle movement is by washing them clean of plant and seed material.

Things to consider in vehicle wash down are:-

- a) **When** - is cleaning required?
- b) **Where** can vehicle cleaning be done.
- c) **How** - What methods can be used to clean vehicles effectively and practically?
- d) **What** parts of the vehicle need to be cleaned?

H&C standards are suggested below for each of these areas.

2.1 When: Cleaning Timing

Always clean vehicles before leaving from home.

Clean vehicles when leaving any project area:-

- Immediately or
- At the nearest wash down facility to the project area.

2.2 Where: Places for vehicle wash down.

Maps of wash down facilities on a region by region basis will be compiled by H&C Queensland.

These maps will be taken to relevant project areas by project leaders.

2.3 How: Cleaning Methods

It is critical to wash vehicles down before they leave for a hunting excursion. The most appropriate method in this case would simply be by washing at home with a high pressure hose.

Any weed infestations that arise from these procedures on your land should be managed using an appropriate registered herbicide.

Make use of vehicle wash down facilities located across the state.

Vehicles can be cleaned using air or water.

It is important to also clean the interior of the vehicle, so it is advisable to take one dust pan and broom or a cordless vacuum cleaner on projects. These should be used on site or at wash down bays so the contents can be disposed of where they will not extend any potential weed issues.

2.4 What: Cleaning Targets

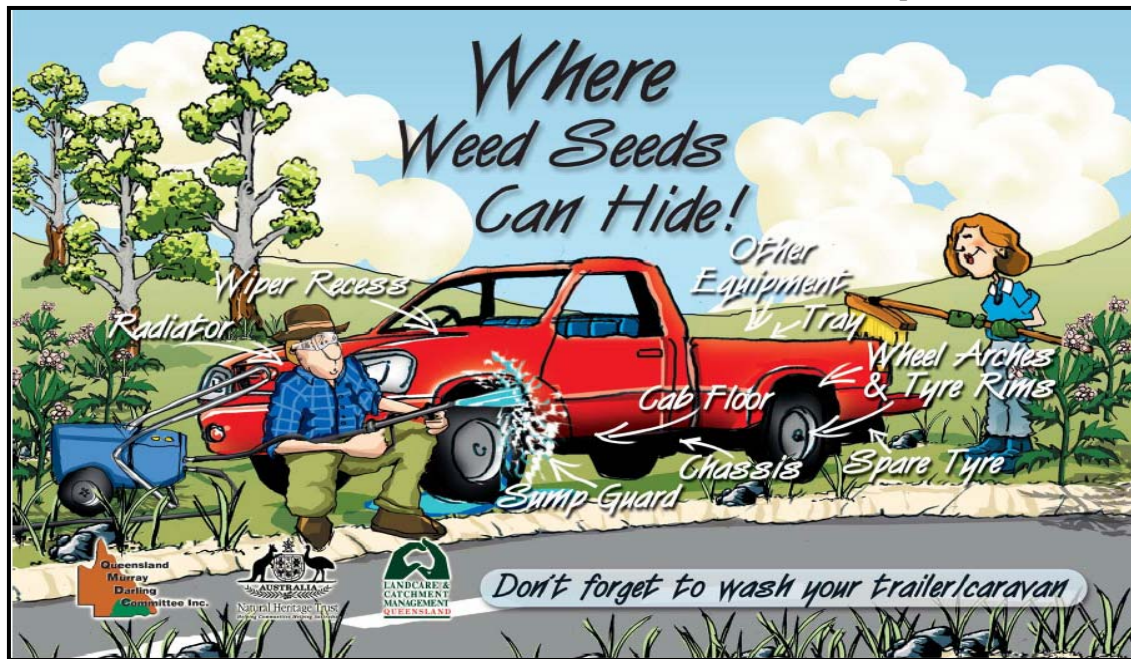
Priority areas for cleaning are:

- Spare tyres
 - Radiator and grill
 - Running boards
 - Mud tray
- a) *Inspect the interior of the vehicle, especially:*
- Foot wells
 - Check carpets and mats for burrs, seeds, mud, water etc.
 - Use rubber mats with high sides to capture & contain dirt, mud and seeds
 - Foot pedals, foot resting block and around gear shifts.
- b) *Inspect inside the boot of the vehicle.*
- Carpet (deposits of hay, weed seeds, burrs and/or soil or water)
 - Spare tyre area.
 - Other recesses in the boot/rear of the vehicle.
- c) *Inspect the engine bay, especially:*
- Radiator
 - Grill
 - Top of transmission gearbox
 - Recess under windscreen wipers
 - Air filters
- d) *Inspect the underside of the vehicle, especially:*
- Wheel arches, wheel trims, flares, running boards (step treads), bumpers
 - Mud flaps
 - Tyre rims (particularly the rear side)
 - Axels and diff's
 - Spare tyres on 4WD's and station wagons are often suspended underneath. Note: these are potentially a high risk area as contaminants collect inside the horizontally-positioned rim.
- e) *Inspect tool boxes, ladders and storage compartments.*
- f) *Inspect the back/tray of trucks and 4WD for soil, seed and plant material*
- g) *Finally, don't forget about **YOU!***
- Clean the mud on boots, or if inappropriate to do on site, pack muddy boots in a bag to be cleaned later.

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- Clean socks and woolen jumpers.
- Check and clean the folds and cuffs in trousers and rolled up shirt sleeves.



Breakdown

In the event of vehicle breakdowns, the following procedures should be observed in order to keep an eye on weed infestation as a result of repair operations.

- Place tarpaulon under vehicle.
- Notify landholder of vehicle breakdown and location
- GPS breakdown point

4. Communication

4.1 Within H&C

The project leader will be advised of problem weeds a group will be most likely to encounter before the group heads out.

In addition, regular segments of weeds will be included in the H&C Q newsletter to assist in weed identification and to aid in raising awareness of weed problems.

These articles might contain information on a particular weeds declaration, history of the problem, identification, where it is of concern, measures hunters can take to prevent its spread.

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4.2 Between Land owners and H&C

Communication regarding weed issues for landholders should be discussed as part of regular H&C negotiations. The following form should be completed with the landholder before a hunting excursion is made.

5. Weed Identification

5.1 Weed Decks

Weed decks are compact, durable, colour ring-bound cards featuring recognized weeds.

Weed decks will either be purchased or designed for weeds specific to regions H&C are operating in; or one deck to be designed for the whole state. Information to be included follows:

- Weed photo (flower, leaf, overall picture of plant habit)
- State Legislation, Local Government declaration (for region specific decks)
- Impacts on land owners, environment, economy (brief) & prevention measures (specific to H&C Q).

These will be used when negotiating hunts with landholders and at least one will be present with any hunting excursion.

5.2 Weed Maps

The maps (appended to this document) are provided as a reference of wash down facilities. Two maps per region will be kept by H&C Q and provided to team leaders operating in the relevant region.

It is suggested that they be overlaid with maps of weed infestations, such as the DNR&M Annual Pest Assessment Distribution maps.

Annual Pest Assessment Maps for feral animal species will also be collated.

6. Additional Measures/ Technologies

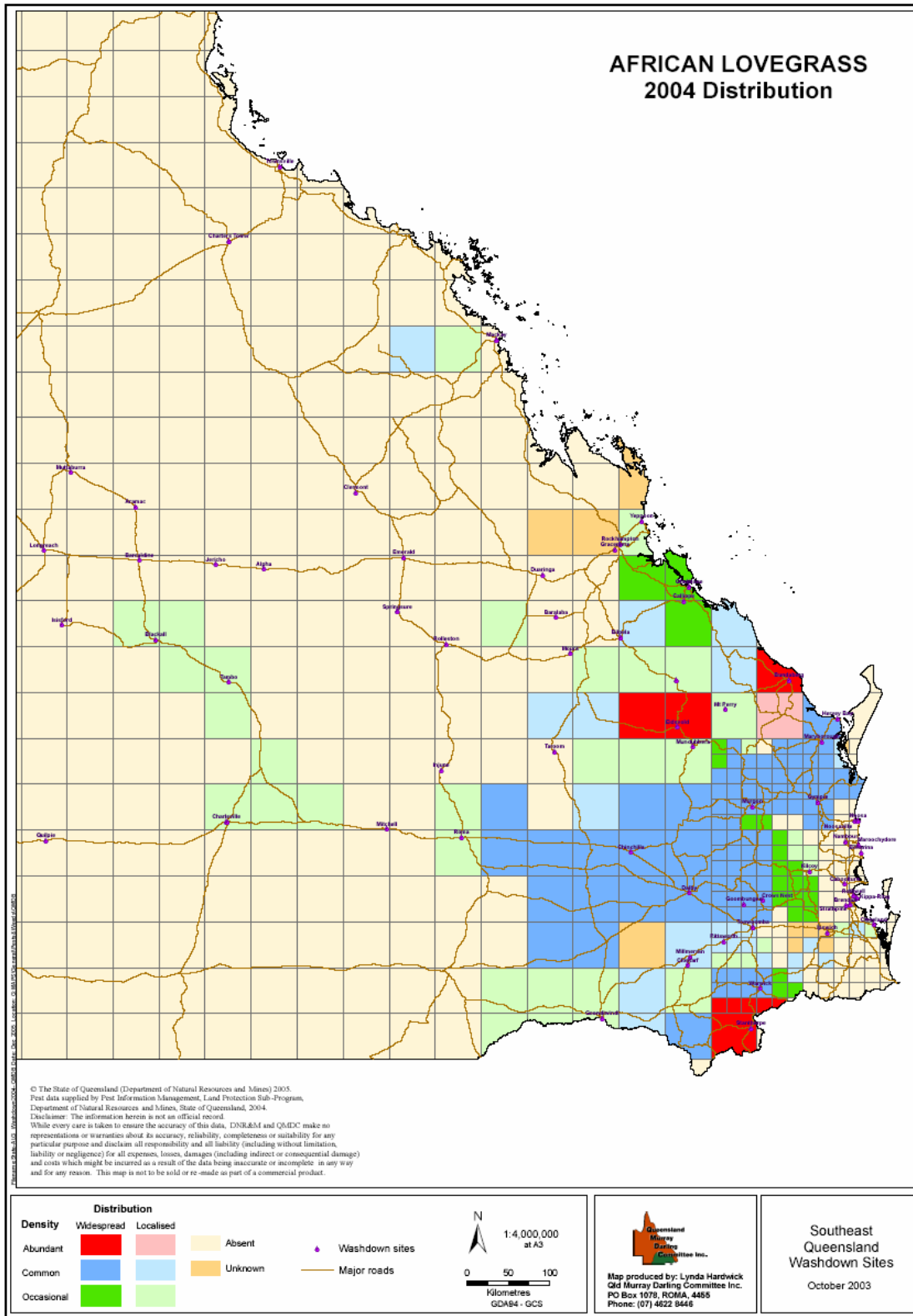
The following guidelines can be adhered to through all operations to limit the chances of spreading weeds:

- Keep to main (tarred when possible) roads or roads that are known to avoid infestations.
- Use clip-on front mesh to guard against radiator and engine contamination with seed.

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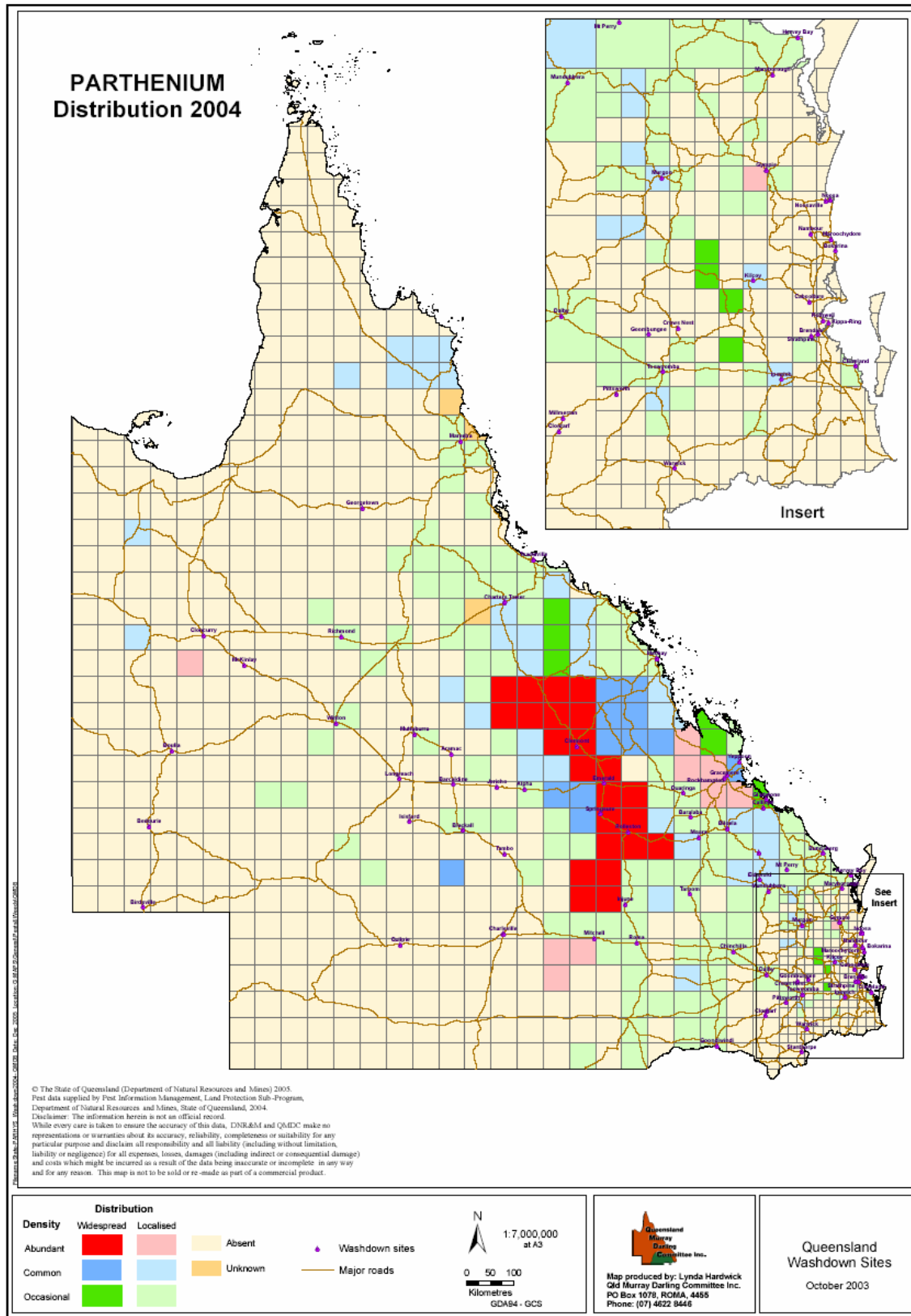
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Appendix A: Weed Distribution and Public Wash Down Facility Maps.



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Appendix B: Wash Down Facility Specifications.

1. WEST

LOCATION	LANDMARK	ADDRESS	MAXIMUM VEHICLE CAPACITY	COST	HOURS	HEIGHT LIMIT	HOSE DETAIL
Boulia	Behind council depot	Herbert St	All sizes	No cost	7am - 4pm	No	
Charters Tower	Landfill	End of Stubley St	All sizes except sump trucks or road trains	No cost	7am - 6pm	No	
Jericho		Clermont Rd	All sizes	No cost	24 Hrs	No	
Charleville	Opposite tourist information centre	Carrejong St	All sizes	No cost	24 Hrs	No	
Mareeba	Saleyards, north side of Mareeba	Cooktown Rd	Semi Trailer	\$2 for 1/2 hour		No	High pressure hose
Charters Tower	Dalrymple Saleyards	Flinders Hwy	Road train	\$1 for 10 mins	24 Hrs	No	High pressure hose
Townsville			Trucks & Cars				
Alpha	North side of town	Alpha - Clermont Rd	Body truck	No Cost		No	High pressure hose, compressed air
Tambo	Saleyards	Williams St	Road train	No Cost		No	High pressure, high volume hose
Richmond		Saleyards	Trucks				
Aramac	Northern edge of town	cnr Aramac and Torrens Ck Rd	Road train	No Cost			High pressure, high volume
Barcaldine	Saleyards	Pine Rd North	Semi trailer	No Cost		No	High pressure hose

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Isisford		Ilfracombe Rd	Road train	No Cost			High pressure, high volume hose, lights
Blackall	Saleyards	Alice Downs Rd	Smaller vehicles	No Cost		No	High pressure, high volume hose, hot wate
Longreach	Longreach saleyards	cnr Cramsie Rd and Landsborough Hwy	Truck and trailer, semi trailer	Not known		No	High pressure high volume hose
Winton		Cnr Ramsay St and Sesbania St	Trucks	No cost			High pressure spray and compressed air
Cloncurry	Cloncurry saleyards	Railway St	Not known			Not known	Not known
Bedourie	500 yds north of township	Herbert St	Road train	No Cost	24 Hrs	No	High pressure hose, large gauge
Quilpie	West of town	cnr Sommerfield Rd and Diamantina Dvt Rd	Road train	No Cost		No	Bore pressure (35 - 40 psi), no hose sup
Charleville		Coolibah St	Road train	Token from Murweh LGA		Covered drive	High pressure hoses
Birdsville	500 yds from town	Bedourie Rd	Road train	No cost	Daylight hours	No	High prssure hose, large gauge
McKinlay		Cnr Landsborough Hwy & Cannington Min Rd	Road train	Free - has auto timer for 5 mins		No	High pressure hose
Muttaburra	Opposite Council Depot	Devon St	Road train to pushbike	No cost	24 hrs	No	High pressure hose

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2. Central

LOCATION	LANDMARK	ADDRESS	MAXIMUM VEHICLE CAPACITY	COST	HOURS	HEIGHT LIMIT	HOSE DETAIL
Clermont	Saleyards (signposted)	Herschell St	Road train type 2	No cost	24 Hrs	No	
Mt Perry	Council Depot	Flora St	All sizes	No cost	7am - 4pm Mon - Thurs, 6.30am - 2.45pm	No	
Yeppoon	Yeppoon Car Wash	9 Queen St	Cars & 4WD	Coin operated			High pressure spray
Gladstone	Gladstone Superwash	154 Goondoon St	Cars & 4WD	\$1 for 2 minutes			High pressure spray
Calliope	Near Golf Course	Archer St	Semi trailer	No cost		No	High volume hose
Mackay	Mackay Carlovers	Kay St, Nth Mackay	Cars & 4WD	\$1 for 2-3 mins			High pressure spray
Gracemere	Saleyards	Saleyards Rd/ Capricorn Hwy	B double; not for low loaders	No cost	8am - 4pm	No	No hose provided
Duaringa	Near golfcourse and airport	Aerodrome Rd	Road train	Coin operated	7am - 4pm	No	High pressure, high volume hose
Baralaba	Near showground & old saleyards	Rannes Rd	Road train, machinery	\$2 for 15 mins		No	High pressure, high volume hose
Biloela	Old saleyards	Paynes Rd	Road train	\$2 for 15 mins		No	High pressure, high volume hose
Rolleston	Near sportsground, cattle dip and old saley	One Mile Rd	Semi trailer with prime mover	Not yet determined	24 Hrs	No	High pressure low volume hose 20L per min
Rockhampton	Rockhampton Carlovers	Cnr High St and Musgrave St	Cars & 4WD	\$1 for 2 mins			High pressure spray

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Emerald	Saleyards	Batts St	Road train	\$2 for 30 mins		No	High pressure, low flow hoses, oil
Springsure	Saleyards	Dip Rd	Semi trailer with prime mover	\$2 for 20 mins		No	Hose on fixed reel
Moura	West of town near water treatment plant	Dawson Hwy	Road train (also has a smaller facility)	\$2 for 15 mins		No	High pressure, high volume hose
Biloela	Near railway, south of existing facility	Quarry Rd	Road train	\$2 for 15 mins		No	High pressure, high volume hose
Mackay		Bedford Rd	Cars & 4WD	No cost			Garden hose
Mackay	Mackay Superwash	2 Malcolmson St (Cnr Evans)	Cars & 4WD	\$1 for 2-3 mins			High pressure spray
Springsure	Saleyards	Dip Rd	Semi trailer	\$2 for 20 mins	24 Hrs	No	Hose on fixed reel

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3. South West

LOCATION	LANDMARK	ADDRESS	MAXIMUM VEHICLE CAPACITY	COST	HOURS	HEIGHT LIMIT	HOSE DETAIL
Eidsvold	Council Depot (towards airstrip on LH side)	Mt Rose St	All sizes	No cost	7am - 4pm	No	
Mundubbera	Saleyards	McIndoe Rd	Large trucks	No cost	24 Hrs	No	
Millmerran	Council compound		Body truck or semi	No cost	7am - 4pm	No	
Monto	South of Monto	Saleyards Rd, adjacent to Burnett Hwy/Monto	B double: prime mover with 2 trailers	\$1 for ~10 mins (11000litres)		No	High pressure, high volume hose
Chinchilla	Saleyards	Slessar St	Road train	No cost during stock sales; otherwise contact Chinchilla LGA (\$20 fee appli	7am - 5pm	No	Need to supply own hose
Dalby		15 Drayton St	Cars and 4WDs	Current fees apply		Yes	Automatic car wash facility
Clontarf	Clean Image The Car Cleaning Co	Shed 1/17 Brewer	Tilt tray size truck	Current fees apply			Gurney
Taroom	Saleyards	Roma Rd	Semi trailer	20c for 15 mins		No	High pressure water, high pressure air
Injune	Saleyards	Injune - Roma Rd	Body truck & car (side by side), not road trains	No Cost	7am - 5pm	No	High pressure water, high pressure air

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Roma	Saleyards	Warrego Hwy	2 road trains (1 trailer) side by side	\$30 for key, \$12 per hour for water		No	High pressure water, no hose supplied
Mitchell	Old saleyards 3kms east of Mitchell	Warrego Hwy	Body truck	No Cost	7am - 6pm	No	High pressure hose
Monto	North of town, near sewage treatment plan	Monto-Biloela Rd	B double: prime mover with 2 trailers	\$1 for ~10 mins (11000litres)		No	High pressure, high volume hose
Goondiwindi	Near MacIntyre River		Headers & harvesting equipment only	Nominal cost	Open Oct - Dec, 48hrs notice otherwise	No	Air compressor, high pressure hose

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4. South East

LOCATION	LANDMARK	ADDRESS	MAXIMUM VEHICLE CAPACITY	COST	HOURS	HEIGHT LIMIT	HOSE DETAIL
Mt Perry	Council Depot	Flora St	All sizes	No cost	7am - 4pm Mon - Thurs, 6.30am - 2.45pm	No	
Murgon	Saleyards/ Meatworks		Large trucks	Coin operated	24 Hrs	No	
Kilcoy	50m Nth of clocktower	William St	Large trucks	Coin operated	24 Hrs	No	
Crows Nest	Council Depot (opposite high school)		Trucks (not articulated)	No cost	7am - 4pm	No	
Goombungee	Council Depot	Cook St	All sizes	Current fees apply	7am - 4pm	No	
Pittsworth	Council Depot	Golf Course Rd	Large trucks	Coin operated	24 Hrs	12 Ft	
Hervey Bay		Boatharbour Drive	4WD	\$6			High pressure hose
Noosaville	Mobil service station	207 Gympie Terrace, near Thomas St	Cars & 4WD	Current fees apply			Commercial carwash facilities
Nambour	Sunshine Auto Wash	3 Carter Rd	Tilt tray size truck	\$1&\$2 coins, current fees apply			Gurney and compressor
Maroochydore	Carlovers	33-35 Aerodrome Rd	Most vehicles	Current fees apply			Gurney and compressor
Caboolture	Caboolture Auto Wash	79 Beerburum Rd	Small truck	\$1&\$2 coins			Gurney and compressor
Rothwell	Carlovers	721 Deception Bay Rd	Cars and 4WD	\$1&\$2 coins			Gurney and compressor

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Bundaberg	Puddles Carwash	57 - 59 Princess St	Large trucks	Around \$10		No	High pressure hoses
Maryborough	BP Car Wash	Ferry St	4WD	Current fees apply			Automatic washer
Gympie			Cars & 4WD				
Cleveland	Carlovers - various			Current fees apply			
Toowoomba	Carlovers	Cnr James and Fitzgibbon St	Cars and 4WD			3.5m	High pressure water guns
Ipswich	Carlovers - various			Current fees apply			
Warwick	Saleyards	McEvoy St	Cattle trucks, machinery	Can make arrangements for one-off use with council			HP water
Stanthorpe	near Shire Depot	cnr MacKenzie st & New England Hwy	Semi trailer	\$1 for 600litres (5 mins)		No	High pressure, high volume hose
Noosaville	Sunshine Coast Car Detailing & Rustproofi	Shed 1/51 Rene St	Tilt tray size truck	Current fees apply			Gurney and compressor
Toowoomba	Carlovers	Cnr Tor and Stenner St	Cars and 4WD			3.5m	High pressure water guns
Strathpine	Buffys Park and Wash	Strathpine Westfield Shoppingtown, Learmont	Cars	Current fees apply			Gurney and handwash
Strathpine	Carlovers	Cnr Kremzow & South Pine Rds	Cars & 4WDs	\$1 and \$2 coins			Gurney and compressor

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Noosa	Foamzone	Eumunid Rd	Cars & 4WDs	Current fees apply		Covered	Commercial carwash facilities
Noosa	North Beach	Beach Rd	Cars & 4WDs	Current fees apply		No	Automatic washer
Kippa-Ring	Sunstate Auto Care	31 High St	9 tonne truck	Current fees apply			Gurney and compressor
Brendale	North Brisbane Automotives	Unit 3/25 Duntroon St	Tilt tray size truck	Current fees apply			Gurney and compressor
Bokarina	Carlovers	408 Nicklin Way	Cars	Current fees apply			Gurney and handwash

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References

1. Parthenium weed management manual, May 2004, Department of Natural Resources Mines and Energy
2. Mesquite best practice manual, October 2003, Department of Natural Resources Mines and Energy
3. Australian Cotton Industry Best Management Practices Manual, September 2000, Cotton Research & Development Corporation
4. Queensland Weed Seed Spread Project July 2000, Prevention of Weed Seed Spread Guidelines, Department of Natural Resources Mines and Energy
5. Maps from: Austin, Peter. 9th February 2005, Summary Report. 'Defining the Needs for Washdown Facilities'.