



# NZMCA Self-Containment Vehicle Inspection Form

THIS FORM IS A RECORD OF INSPECTION AND NOT A SELF-CONTAINMENT CERTIFICATE

## INSPECTION DETAILS

|   |  |  |                         |
|---|--|--|-------------------------|
| 1 Self-Containment Inspectors' name ..... |  | 2 SCI # .....                              |                         |
| 3 Type of inspection<br>(Tick only one)   | Government<br>(Green) <input type="checkbox"/><br>(fees apply) | NZMCA<br>(Yellow) <input type="checkbox"/> | 4 Inspection date ..... |
|   |  |  | 5 Observer SCI # .....  |

## VEHICLE OWNER'S DETAILS

(MEMBER TO COMPLETE)

|   |                  |   |  |
|---|------------------|---|--|
| 6 Owner's name .....  |                  | 7 NZMCA # .....   |  |
| 8 Address .....   |                  | Is this a temporary address ? <input type="checkbox"/><br>(Tick for one-off certificate delivery) |  |
| 9 Email .....   | 10 Phone # ..... | Owner arranging<br>(Tick if yes) <input type="checkbox"/>   |  |
| 11 Name of person arranging inspection<br>(if different from the owner) ..... |                  | 12 Arranger's email<br>(if applicable) .....  |  |
| 13 Arranger's Address<br>(If applicable) .....                                |                  |   |  |

## VEHICLE DETAILS

|  |               |  |  |
|--|---------------|--|--|
| 14 Registration #<br>(or serial # if Slide on) ..... |               | 15 Type of vehicle<br>(Eg. motorhome, caravan) ..... |  |
| 16 Registration year .....                           | 17 Make ..... | 18 Model .....                                       |  |

## WATER SUPPLY SYSTEM

|  |  |   |   |  |
|--|--|---|---|--|
| 19 Number of<br>freshwater tanks .....   | 20 Total volume<br>of tanks (litres) .....           | 21 Tank Materials                                 | Plastic <input type="checkbox"/>                    | Metal <input type="checkbox"/>                           |
| 22 Type of water<br>tank supports        | Sitting on<br>vehicle floor <input type="checkbox"/> | Metal cage<br>underneath <input type="checkbox"/> | Metal straps<br>underneath <input type="checkbox"/> | Brackets<br>attached<br>to tank <input type="checkbox"/> |
|  |  |   | Rollaway/<br>portable <input type="checkbox"/>      | Other<br>(Specify<br>on page 4) <input type="checkbox"/> |
| 23 Inlet pipe<br>diameter (s) (mm) ..... | 24 Type of water inlet seal                          | Sealed cap <input type="checkbox"/>               | Stopper <input type="checkbox"/>                    | Other<br>(Specify<br>on page 4) <input type="checkbox"/> |

## CHECKLIST

✓ if passed

- 25 Freshwater tanks are capped to **avoid leaks** from water movement. ☐
- 26 Freshwater tanks are **adequately supported** and securely mounted. ☐
- 27 Freshwater tanks are **UV resistant** or stored away from sunlight. ☐
- 28 To **prevent bacteria** growth freshwater tanks are stored away from heat sources or insulated. ☐
- 29 Freshwater tanks are **adequately vented** to ensure air enters to displace water drawn off. ☐
- 30 The water supply system **adequately stores water** and protects it from contamination by external sources. ☐
- 31 The water supply pipework is **installed to good trade practice** and is unlikely to leak at its design pressure. ☐
- 32 Pipes and fittings are made of **opaque materials** of food-grade quality which will not contaminate the water. ☐
- 33 The pipework **reticulates water** to the vehicle's fixtures and appliances at adequate pressure and flow rates. ☐

Scan & upload this completed form via the Members Portal or email to [selfcontainment@nzmca.org.nz](mailto:selfcontainment@nzmca.org.nz)  
only if the vehicle passed the inspection



## TOILET / BLACK WATER WASTE

|                        |   |  |   |   |
|------------------------|---|--|---|---|
| 34 Toilet type         | Fixed with blackwater tank <input type="checkbox"/> | Fixed with cassette <input type="checkbox"/>             | Fixed & waterless <input type="checkbox"/>      | Portable & cassette <input type="checkbox"/>  |
| 35 Toilet make         | Thetford <input type="checkbox"/>                   | Dometic <input type="checkbox"/>                         | Not branded <input type="checkbox"/>            | Other brand (Specify) <input type="checkbox"/> .....                                  |
| 36 Toilet model        | 37 Toilet Capacity (litres) .....                   |  |   |   |
| 38 Type of fixing      | Secured directly to floor <input type="checkbox"/>  | Secured to plate fixed to floor <input type="checkbox"/> | Secured to sliding arm <input type="checkbox"/> | Moulded into or fixed to walls <input type="checkbox"/> None <input type="checkbox"/> |
| 39 Toilet materials    | Plastic <input type="checkbox"/>                    | Ceramic <input type="checkbox"/>                         | Other (Specify) <input type="checkbox"/>        |   |
| 40 Type of ventilation | Passively vented <input type="checkbox"/>           | Mechanically vented <input type="checkbox"/>             | Opening window <input type="checkbox"/>         | Other (Specify on page 4) <input type="checkbox"/> None <input type="checkbox"/>      |

### CHECKLIST

**✓ if passed**

- 41 Toilet is **usable** within the vehicle – sufficient headroom and elbow room and its location in vehicle. ☐
- 42 Toilet is **permanently fitted** into vehicle and soundly installed to good trade practice. ☐
- 43 Toilet base is **rigidly mounted** in position and unlikely to be removed after the inspection. ☐
- 44 The base of the toilet **does not require removal** to empty human waste. ☐
- 45 The toilet **drains or flushes** into a blackwater tank or removable cassette or chamber. ☐

## GREY WATER WASTE

|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
| 46 Number of wastewater tanks .....    | 47 Total volume of tanks (litres) .....                    | 48 Tank materials  | Plastic <input type="checkbox"/>                   | Metal <input type="checkbox"/>                     |  |  |
| 49 Type of water tank supports         | Sitting on vehicle floor <input type="checkbox"/>          | Metal cage underneath <input type="checkbox"/>           | Metal straps underneath <input type="checkbox"/>   | Brackets attached to tank <input type="checkbox"/> | Rollaway/portable <input type="checkbox"/> | Other (Specify on page 4) <input type="checkbox"/> |
| 50 Waste pipe diameter (mm) .....      | 51 Wastewater outlet diameter (mm) .....                   | 52 Wastewater hose length (mm) .....                     |  |  |  |  |
| 53 Vent outlet diameter (s) (mm) ..... | 54 Isolating valve diameter (mm) .....                     |  |  |  |  |  |
| 55 Wastewater hose is stored in?       | Compartment on outside of vehicle <input type="checkbox"/> | Sealed container inside vehicle <input type="checkbox"/> | Other (Specify on page 4) <input type="checkbox"/> |  |  |  |

### CHECKLIST

**✓ if passed**

- 56 Wastewater tanks are **capped to avoid leaks** from water movement. ☐
- 57 Wastewater tanks are **adequately supported** and securely mounted. ☐
- 58 Greywater is stored in fixed tanks **secured to the vehicle** or portable tanks stored securely in the vehicle. ☐
- 59 Blackwater is stored in fixed tanks **secured to the vehicle** or removable cassettes stored securely in the vehicle. ☐
- 60 Waste pipes have **sufficient size and gradients** to convey wastewater from fixtures/ fittings to wastewater tanks ☐
- 61 The wastewater system including pipes, fittings, tanks and fixtures is **installed soundly and securely?** ☐
- 62 Materials used in the wastewater system are **non-toxic, non-corrodible and stable?** ☐
- 63 Discharge hoses and pipes are **large and strong enough** for the safe and convenient discharge of wastewater? ☐
- 64 Discharge hoses are **appropriately stored** to minimise health risks associated with residual contaminants? ☐
- 65 Waste from waterless toilets can be **offloaded safely and securely.** ☐



## VENTILATION SYSTEM

66 Type of wastewater ventilation system (tick one) Piped vent to exterior of vehicle ☐ Other ☐ 67 Height of vent pipe above wastewater tank (mm) .....

68 Location of vent pipe Above roofline ☐ Inverted U beneath the floor ☐ Rollaway external vent ☐ Through side wall ☐ Poppet valves on tank ☐ Top of tank ☐

69 Number of water traps fitted ..... 70 Number of waterless valves fitted .....

### CHECKLIST

✓ if a pass

- 71 Unpleasant odours and foul air can **easily escape** to the exterior of the vehicle. ☐
- 72 Wastewater storage tanks are **vented** to the outside of the vehicle. ☐
- 73 Tank vent outlets are installed **high enough** to safely avoid wastewater leaking from the tanks. ☐
- 74 Tank vent outlets are **away** from the vehicle's doors, windows and other openings. ☐
- 75 Birds and vermin are **unable to enter** the wastewater system through any vent outlet. ☐
- 76 **Traps are fitted** to every sanitary appliance and fixture to limit foul air from the tanks entering the vehicle. ☐
- 77 The ventilation system is **installed to good trade practice** and made of fit-for-purpose materials. ☐

## OTHER FACILITIES

78 Sink capacity (tick one) 10 litres ☐ 15 litres ☐ 20 litres ☐ 25 litres ☐ 30 litres ☐

79 Sink waste pipe diameter (tick one) 20mm ☐ 25mm ☐ 28mm ☐ 32mm ☐ 40mm ☐

80 Sink waste pipe length - to tank (mm) ..... 81 Sink water seal type Water trap ☐ Waterless valve (Hepvo) ☐

82 Hand basin waste pipe diameter (tick one) 20mm ☐ 25mm ☐ 28mm ☐ 32mm ☐ 40mm ☐

83 Hand basin waste pipe length - to tank (mm) ..... 84 Hand basin water seal type Water trap ☐ Waterless valve (Hepvo) ☐

85 Shower waste pipe diameter (tick one) 20mm ☐ 25mm ☐ 28mm ☐ 32mm ☐ 40mm ☐

86 Shower waste pipe length - to tank (mm) ..... 87 Shower water seal type Water trap ☐ Waterless valve (Hepvo) ☐

88 If wastepipes are longer than 3.5m are AAVs fitted? (tick if yes) Sink ☐ Hand basin ☐ Shower ☐

89 Rubbish storage type Sealed bin ☐ Bag w/ sealed lid ☐ Other (Specify on page 4) ☐ 90 Rubbish Storage capacity (litres) .....

### CHECKLIST

✓ if a pass

- 91 The vehicle has a **secure rubbish bin** which is made of appropriate materials and installed soundly ☐
- 92 The **appliance/s are installed to good trade practice** and drains to a wastewater storage tank ☐

Has the vehicle owner recently checked the status of the following safety features? (optional)

✓ if a yes

- Fire extinguisher ☐
- Smoke detector ☐
- Gas detector at floor level (if appropriate) ☐
- First aid kit ☐



93 Does the SC Inspector have an interest in the vehicle as an owner or an employee of the owner?

YES ☐NO ☐

✓ if a pass

94 The water supply system (including storage tanks) is fit for purpose and designed to store and reticulate potable water within the vehicle.

95 The toilet is fit for purpose.

96 The wastewater system (including storage tanks) is fit for purpose and designed to store and discharge wastewater.

97 The ventilation system is fit for purpose and designed for the purpose of ventilating the vehicle to remove unpleasant or unhealthy odours and foul air from the interior of the vehicle.

98 The rubbish bin and sink are fit for purpose.

99 The systems within the vehicle are all installed and being used in a way that ensures they remain functional for at least the period of certification.

## VEHICLE CAPACITY

100 Maximum number of people the vehicle is certified to accommodate for a continuous three-day period  
(see table below for NZMCA's recommended minimum water/wastewater storage capacity)

## NZMCA's standards for water and wastewater storage for self-containment

Number of people for three days occupancy of the vehicle

|                                | 1                                     | 2  | 3   | 4  | 5   | 6  | 7    | 8  |
|--------------------------------|---------------------------------------|----|-----|----|-----|----|------|----|
| TYPE OF STORAGE                | Minimum recommended storage in litres |    |     |    |     |    |      |    |
| Freshwater storage             | 12                                    | 24 | 36  | 48 | 60  | 72 | 84   | 96 |
| Greywater storage              | 12                                    | 24 | 36  | 48 | 60  | 72 | 84   | 96 |
| Blackwater or cassette storage | 3                                     | 6  | 9   | 12 | 15  | 18 | 21   | 24 |
| Waterless Liquids              | 3                                     | 6  | 9   | 12 | 15  | 18 | 21   | 24 |
| Waterless Solids               | 1.5                                   | 3  | 4.5 | 6  | 7.5 | 9  | 10.5 | 12 |

**Signature of Self-Containment  
Inspector**

**Name & Signature of Inspection  
Observer (if one)**

**Signature of Owner/  
Arranger**

**ADDITIONAL COMMENTS** – provide details of any descriptions listed as 'Other' and not specified above

**Question #**

**Upload this completed form via the Members Portal or email to [selfcontainment@nzmca.org.nz](mailto:selfcontainment@nzmca.org.nz)  
or post to PO Box 72-147 Papakura 2244**