

**Phil Mist**

**General Secretary**

**Portable Sanitation Europe Ltd**

# Types of Portable Toilets

- Plastic
- Trailer mounted units
- Jack leg toilets
- Mobile Welfare units





# Construction Industry

- 2007, a new ratio of

1:7 = One toilet per seven people  
(either male or female)

Was 1:10





# Event Industry

- More concern
- More people
- More events
- Longer duration
- More alcohol and other drinks served
- Worse visitor behaviour

# Event (less than 6 hours)

- 1,000 people attending
- 50/50 split men and women
- Now = 10 toilets (5 for women and 5 for men)



# Toilet use?

- Four times per day
- 150ml to 400ml of urine each time
- $4 \times 1,000 = 4,000$  times per day
- 1.6million ml per day
- Or
- 1,600 litres
- Or
- 320 gallons

# This is LIQUID only!

- and equates to 10 toilets per 1,000 people
- 5 for women and 5 for men (50/50 split)
- The Current Event Safety Guide states:-

6 toilets

- Five for women and only 1 for men (but plus 3 urinals)

# New Event Ratios

- Small event (1,000 people) = 10 toilets
- Five for women and five for men  
(the five for men double up as urinals)

For Events lasting longer than 6 hours = 6  
toilets plus 4 urinals

Five toilets for women and only one for men

# Large Events with Drink!

- Either drink and/or overnight camping
- 12 Toilets
- 10 for women and two for men plus 7 urinals

# Pumping and Servicing

- On site
- There are legal restraints
- Safe disposal
- PSE is part of the Emergency services

# Recent floods

- 1,000 toilets supplied
- On site Service Operatives
- Safe Waste disposal was difficult



# Wake up call!

- Local Councils
- Event organizers
- Members of the public

# Any Public Event

- Ten Simple Steps:
  - Consult
  - Involve
  - How many People?
  - How many Toilets?
  - Type
  - Site
  - Cleaning
  - Additives
  - Staff Training
  - Leave it to the Experts!