

# Portable Toilet Requirements & Options

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ECJ chair, NAACP of Ventura County, CA

<https://naacp-venturaco.com/comments-ecj>

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## Summary

### ***Needs which people cannot provide for themselves***

1. Toilet with waste tank holding at least 30 gallons, deodorized
2. At least 2 rolls of 2-ply toilet paper
3. Door lockable from inside
4. Hook(s) for purse, bag, toolbelt, jacket, etc.
5. Staked or weighted if windy
6. Enough ventilation to dispel odors. Could clamp door ajar when not in use, for maximum ventilation, clamped to hold it against wind.
7. Cleaned & disinfected, inside & out, at frequency depending on use

### ***Needs which people can, but often do not, provide for themselves***

8. Hand sanitizer or sink with soap & water flowing at 0.5 gallons per minute
9. Large trash bag for menstrual & incontinence products & for wipes people use to clean seat, with frame to hold bag open
10. Translucent roof or light for daytime

11. Battery light if used at night
12. Effective air freshener e.g. [www.goodhousekeeping.com/home/cleaning/g36504434/best-air-freshener-for-home/](http://www.goodhousekeeping.com/home/cleaning/g36504434/best-air-freshener-for-home/)

### **Desirable**

13. Decal with name & contact number for supplies & cleaning
14. Urinal, to keep urine off the seat
15. Supply of wipes
16. U-shaped seat (required in commercial buildings, see end of paper)
17. Hover bars for people who don't want to sit, or foot rests to squat over toilet
18. Sharps disposal container, except at worksites with no reason for sharps
19. Material Safety Data Sheets (MSDS) for chemicals
20. Many people want paper seat covers, though these do not block bacteria, <https://fivethirtyeight.com/features/toilet-seat-covers-evidence-on-impact/>
21. External diaper changing table for public toilets
22. Dispenser for sanitary pads
23. Foot positions for people to squat & wide seat to cover them, see end of paper

### **Biggest gaps in current contracts**

- Some omit handwashing. Some require waterless cleanser. Some require sinks with water. Firefighting contracts require 20 gallons of water for the sink. None requires a specific flow rate. Plumbing Code calls for maximum 0.5 gpm (2.2 residential), section 407.2.1, p.30 (p.67 of pdf) <https://epubs.iapmo.org/2024/UPC/>
- Only Folsom Dam requires a hook to hold jacket, purse, toolbelt, etc. off the floor.
- Most do not require trash receptacles, though these are needed to dispose of menstrual & incontinence products (absorbent underwear), and wipes which people use to clean the seat. If there is no trash bag, these are likely to go in the toilet and clog the pumper. BLM Point Arena and Army Gray Eagle require a bag for used sanitary napkins. Urinals are required far more often than trash bags for menstrual products.
- Berkeley and California Parks note that the public will leave needles, but neither they nor anyone else requires a sharps disposal container.
- None specifies size of vents, air exchanges or air flow rates. International Residential Code R303.3 requires [1.5 square feet](#) open, and more may be needed to deal with waste tank odors. An alternative is a 20cfm continuous vent fan, or 50cfm on a switch. <https://buildingcodetrainer.com/bathroom-ventilation/> and <https://ocds.ocpublicworks.com/sites/ocpwocds/files/2021-06/2019%20Residential%20Bathroom%20Remodel.pdf>
- None requires a U-shaped seat (see below).
- Diaper changing station is not in any spec. It is needed outside public toilets.

### **Opposite rules in current contracts**

- Corrections and the Highway Patrol require disposal of liquid waste in a landfill. Most require taking it to a sewer treatment plant.
- Most allow any material. Mount Rainier requires polyethylene. DMV requires fiberglass.
- Some require the waste tank to be odorless; some require fragrance.
- California Water Resources allows sandbags for stability. Mount Rainier forbids them.

### **Some other variations in current contracts**

- Corrections Department requires sanitary napkins dispensers.
- Cleaning and refilling ranges from continuous at the airshow, to twice a day, to monthly.
- Some require disinfecting the inside and/or outside. Others accept hosing it.
- Some require cleaning the area outside the toilet.
- WAPA requires "the latest model deluxe" and Coronado requires "VIP chemical toilets" without saying what will make them deluxe or VIP.
- Some require an indicator when it is occupied.
- DMV has strict rules on chemicals. Several require biodegradable products. Some require Material Safety Data Sheets (MSDS).
- California Highway Patrol at Keene quotes ADA rules in detail.
- Some BLM and other contracts cut payments for failed inspections.
- Several make vendor pay all costs of breakage and vandalism.

## **Variations on the Market**

These are examples, not recommendations.

	Faucets	Soap or sanitizer	Paper towels	U-shaped seat	Other	Gallons waste + fresh	Electricity	# units	
VIP	F	S	T	N		?	N	1	<a href="https://socalindustries.com/product/vip-restroom/">https://socalindustries.com/product/vip-restroom/</a>
Deluxe		option		U	platform, hook, nonslip		N	1	<a href="https://www.unitedsiteservices.com/what-we-offer/porta-potty-rentals/deluxe-restroom/">https://www.unitedsiteservices.com/what-we-offer/porta-potty-rentals/deluxe-restroom/</a> Nationwide
Flushing	option	option		U	platform, nonslip		N	1	<a href="https://www.unitedsiteservices.com/what-we-offer/porta-potty-rentals/flushing-porta-potty/">https://www.unitedsiteservices.com/what-we-offer/porta-potty-rentals/flushing-porta-potty/</a> Nationwide
Willscot	Temp control						Y	2-3	<a href="https://www.willscot.com/en/entertain-host/restrooms/restroom-trailers">https://www.willscot.com/en/entertain-host/restrooms/restroom-trailers</a> Nationwide
Standard	No		T	U	platform	70	N	1	<a href="https://vipluxuryrestrooms.com/porta-potty/standard/">https://vipluxuryrestrooms.com/porta-potty/standard/</a> Nipomo
Deluxe flushing	F?	?	T	U	Sloped platform	60+8	N	1	<a href="https://vipluxuryrestrooms.com/porta-potty/deluxe-flushing/">vipluxuryrestrooms.com/porta-potty/deluxe-flushing/</a> Nipomo
VIP single solar fancy	F?	S	T	N	Hook, roof fan	70+45	solar	1	<a href="https://vipluxuryrestrooms.com/porta-potty/vip-solar/">https://vipluxuryrestrooms.com/porta-potty/vip-solar/</a> Nipomo
Restroom trailers	external	external	external					1-2	<a href="http://jwenterprises.com/agriculture/">jwenterprises.com/agriculture/</a> Ventura
Executive Spa trailer	F	S	T	N	Foot pump flush		solar	2	<a href="https://jwenterprises.com/events/">https://jwenterprises.com/events/</a> Ventura
Axxis	option	option	option	U	Hook, hover handle	60	N	1	<a href="http://www.satelliteindustries.com/products/axxis.php">www.satelliteindustries.com/products/axxis.php</a> maker, MN
Global				U	Hover handles	70	N	1	<a href="http://www.satelliteindustries.com/products/global.php">www.satelliteindustries.com/products/global.php</a> maker, MN



## Photos



Example given by BLM, with split seat, urinal & waterless soap dispenser  
[www.documentcloud.org/documents/25475062-red-rock/](http://www.documentcloud.org/documents/25475062-red-rock/)



Example given by BLM, with grab bars for ADA  
[www.documentcloud.org/documents/25475062-red-rock/](http://www.documentcloud.org/documents/25475062-red-rock/)



<https://www.unitedsiteservices.com/what-we-offer/porta-potty-rentals/flushing-porta-potty/>



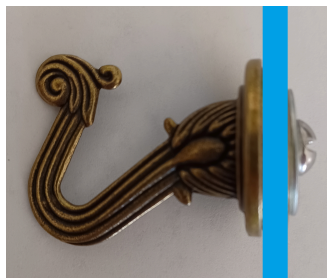
<https://vipluxuryrestrooms.com/porta-potty/standard/>



[satelliteindustries.com/products/global.php](http://satelliteindustries.com/products/global.php) handles in door for people who want to hover above seat instead of sitting



[topplatoilet.com/product-list/portable-squat-toilet](http://topplatoilet.com/product-list/portable-squat-toilet)  
Squat toilet, not hybrid



**Swag hooks** from Home Depot & OOK, rated for 30 pounds, small to avoid bending force on thin walls. They use #10-24tpi machine screw threads



**Sharps disposal**  
© BrokenSphere / Wikimedia Commons.



[https://commons.wikimedia.org/wiki/File:Hybrid\\_squat\\_toilet\\_\(207097770\).jpg](https://commons.wikimedia.org/wiki/File:Hybrid_squat_toilet_(207097770).jpg)



<https://www.youtube.com/watch?v=8KwI5YFcMDE>  
Hybrid toilet to squat or sit

## Standards

### Standards bodies

Links at <https://www.psai.org/standards-regulations> from several standards bodies only require:

- Keep clean
- Enough toilet paper
- Handwashing station near with tepid (or hot+cold) running water soap, clean towels & waste bin
- Waste tank for water

Needs not covered in current standards:

- Hooks for clothes, purse, tool belt, etc.
- Paper towels or wipes to wipe off toilet seat when dirty.
- Waste bin inside cabin for wipes, menstrual & incontinence products.
- Minimum flow requirements for sink water, likely foot pump or gravity-fed from roof tank. Construction, firefighting & farming can make hands very dirty. Commercial & residential codes have maximum flow rates, not minimum.
- U-shaped toilet seat, as in other commercial toilets (see below).
- Handrails would help people who don't want to sit all the way down, even on non-ADA toilets.
- Sharps disposal containers in public toilets would keep needles out of the waste tank.
- Hooks and waste bins are not required in commercial, [epubs.iapmo.org/2022/CPC/](https://epubs.iapmo.org/2022/CPC/), nor in residential codes [ocds.ocpublicworks.com/sites/ocpwocds/files/2021-06/2019%20Residential%20Bathroom%20Remodel.pdf](https://ocds.ocpublicworks.com/sites/ocpwocds/files/2021-06/2019%20Residential%20Bathroom%20Remodel.pdf) They are considered after-market items.

### California laws & policies

CA construction sites 3 CCR 1526(c) <https://www.dir.ca.gov/title8/1526.html>

- (c) Where the provision of water closets is not feasible due to the absence of a sanitary sewer or the lack of an adequate water supply, nonwater carriage disposal facilities shall be provided. Unless prohibited by applicable local regulations, these facilities may include privies (where their use will not contaminate either surface or underground waters), chemical toilets, recirculating toilets, or combustion toilets.

CA ship repairing 8 CCR 8397.4(d)(3)(B) [https://www.dir.ca.gov/title8/8397\\_4.html](https://www.dir.ca.gov/title8/8397_4.html)

- (B) The employer shall ensure that each portable toilet is vented and equipped, as necessary, with lighting.

Tips on managing, 1998 <https://www.fs.usda.gov/t-d/pubs/pdf/96571308.pdf>

Clean without polluting <https://www.streetstocreeks.org/commercial/portable-toilets/>



California Building Code (CBC) and Plumbing Code apply to buildings & structures, so may not apply to portable toilets [https://codes.iccsafe.org/content/CABC2022P1/chapter-1-scope-and-administration#CABC2022P1\\_Ch01\\_SubCh01\\_Sec1.1.3](https://codes.iccsafe.org/content/CABC2022P1/chapter-1-scope-and-administration#CABC2022P1_Ch01_SubCh01_Sec1.1.3) [plumbing: page 3 (p.50 of pdf) <https://epubs.iapmo.org/2022/CPC/> ] Structure is defined as “That which is built or constructed.” [https://codes.iccsafe.org/content/CABC2022P1/chapter-2-definitions#CABC2022P1\\_Ch02\\_Sec202](https://codes.iccsafe.org/content/CABC2022P1/chapter-2-definitions#CABC2022P1_Ch02_Sec202) [Plumbing code does not define structure.] CHP at Keene puts some CBC standards in the contract, below.

### California Water Code 106.3.

- “(a) It is hereby declared to be the established policy of the state that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes.
- “(b) All relevant state agencies, including the department, the state board, and the State Department of Public Health, shall consider this state policy when revising, adopting, or establishing policies, regulations, and grant criteria when those policies, regulations, and criteria are pertinent to the uses of water described in this section.”

So people using portable toilets from California state agencies would have a right to water to ensure cleanliness of the toilet and themselves. California Water Board resolution 2016-0010 repeats this law and

- “Adopts the human right to water as a core value and... a top priority”
- [https://www.waterboards.ca.gov/board\\_decisions/adopted\\_orders/resolutions/2016/rs2016\\_0010.pdf](https://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/2016/rs2016_0010.pdf)

California Water Board resolution 2022-0019

- Calls for data on “network connections between facilities and upstream/downstream users”
- Says “wastewater sanitation systems span several diverse categories of ... technology ... across public agencies, contracted entities, and private owners”
- Calls for a contract “to support ... an assessment of wastewater needs to improve sanitation access to all Californians and to help achieve the human right to water goals”
- [https://www.waterboards.ca.gov/board\\_decisions/adopted\\_orders/resolutions/2022/rs2022\\_0019.pdf](https://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/2022/rs2022_0019.pdf)

Definition used in the California Wastewater Needs Assessment,

- “*Water-related sanitation* being defined as access to safe, functional, affordable, and dignified collection and disposal of wastewater from fecal and urine disposal, hygiene...
- “**Dignified:** allows individuals to use sanitation facilities in privacy and safety, free from humiliation or discomfort. This is particularly important for vulnerable populations such as women, the LGBTQIA2S+ community, farmworkers, older people, low income, unhoused people, and people with disabilities.”
- [https://docs.google.com/document/d/1d4ccaIdE-EjSUdrTL6mhZWFi\\_c4Ef50\\_/edit](https://docs.google.com/document/d/1d4ccaIdE-EjSUdrTL6mhZWFi_c4Ef50_/edit)

### **SDSU papers**

1. LA Times op-ed from 2023 on an unsuccessful piece of state legislation to inventory public restrooms statewide: <https://www.latimes.com/opinion/story/2023-05-08/california-public-bathrooms-health-outbreaks-los-angeles-san-diego> --> proposed because existing toiletfinder apps include restroom facilities that are not truly public
2. The socio-legal consequences of lack of access to restrooms: <https://journals.sagepub.com/doi/10.1177/14624745241246650?icid=int.si-full-text.citing-articles.25>
3. The health consequences of lack of WaSH access: <https://iwaponline.com/washdev/article/14/11/1155/105559/Restroom-access-and-health-among-people>
4. [statewide report](#) to CDPH
5. [developing evidence](#) article

## **Contract specifications**

Contracts vary widely. Most require little beyond minimum code compliance:

### **California**

Standard clauses may be needed to allow, in the words of the Wastewater Needs Assessment, “individuals to use sanitation facilities in privacy and safety, free from humiliation or discomfort. This is particularly important for vulnerable populations such as women, the LGBTQIA2S+ community, farmworkers, older people, low income, unhoused people, and people with disabilities.” [https://docs.google.com/document/d/1d4ccaIdE-EjSUdrTL6mhZWFi\\_c4Ef50\\_/edit](https://docs.google.com/document/d/1d4ccaIdE-EjSUdrTL6mhZWFi_c4Ef50_/edit)

### **Orange County, 2024**

1. provide and maintain a written service log affixed to the inside of the portable toilets/showers
2. accommodate County with flexible schedules to meet each Department requirements
3. similar or as the ones listed below:
  - a. Standard Portable Toilet (Approx.): Height 88", Width 44", Depth 48"
  - b. ADA Compliant Portable Toilet (Approx.): Height 90", Width 67"; Depth 86.5" or Height 91", Width 77", Depth x 77
  - c. Restroom Trailers: Various 2, 4, 6, or 8 Private rooms
  - d. colors and sizes may vary.
4. Portable toilets shall be enclosed with a door that can be locked from the inside,
5. properly ventilated and
6. include a urinal,
7. dispensers for toilet paper and disposable paper seat covers and deodorizer.
8. furnished with installed padlock hasps at no additional fees whenever requested by the County
9. Portable toilets with sinks should include the liquid soap and paper towels with dispensers and should be replenished every time the portable toilet is serviced.
10. 2-Station Sink is free standing; and placed outside of portable toilet unit; these shall include liquid soap and paper towels with dispensers.
11. Restroom Trailers may have either 2, 4, 6 or 8 private rooms and each one shall have a door that can be locked from the inside, properly lit and ventilated and may or may not include a sink(s).
12. Men's restroom trailer shall also include 2 to 6 urinals.
13. Service visits shall include maintenance such as:
  - a. waste disposal,
  - b. remove litter,
  - c. clean and disinfect interior surfaces,
  - d. provide and replenish toilet paper, seat covers, liquid soap and paper towels when included and needed;
  - e. remove graffiti from interior and exterior of portable toilets/showers and other site rentals,
  - f. perform repairs as needed to make the equipment usable and maintain user privacy.
14. Services for all Portable toilets/showers and other site rentals that cannot be repaired to usable condition on site must be replaced within 48 hours from discovery of issue and reported to County Department Site Coordinator.
15. fees for portable toilets/SP showers shall also include loss limit insurance.
16. <https://www.documentcloud.org/documents/25482317-orange-county/>

### **Berkeley City, 2024**

1. portable toilet rental, servicing, and maintenance
2. Cleaning schedules shall be established and approved by City staff
3. 4. The service per day of a unit shall include the following:
  - a. • Full pump-out
  - b. • Cleaning of the interior and exterior from any accumulation related to usage
  - c. • Proper disposal of any hazardous materials including needles, clothing, garbage, etc.
  - d. • Restocking of all supplies including water, sanitizer, soap, paper products, etc.
  - e. • Cleaning and disinfecting
  - f. • Graffiti abatement
  - g. • Maintain a service log for service and cleaning verification
4. <https://www.documentcloud.org/documents/25482312-berkeley-portable-toilet/>

### **CalFire, 2024**

Toilet types, p.86 of Manual at <https://www.fire.ca.gov/about/resources/hired-equipment> with daily cost from 2020 <https://calfireslo.org/wp-content/uploads/2019/08/3934.pdf>

- ADA compliant toilet with sink, \$140
- ADA compliant toilets, \$115
- Standard toilets with sink, \$93
- Standard toilets, \$68

### **Calfire, Mendocino, 7/17/2024**

1. A. provide one (1) Americans with Disability Act (ADA) compliant portable restroom, as well as one (1) hand wash station
2. B. provide one (1) standard portable restroom and one (1) hand wash station

3. C. service said restrooms and hand wash station once weekly while onsite, which shall include but not be limited to:
  - a. 1) Cleaning, sanitizing, and removal of waste.
  - b. 2) Filling water tank and soap dispensers of handwashing stations as needed.
  - c. 3) Refill paper products as needed.
4. <https://www.documentcloud.org/documents/25476900-calfire-mendocino-portable-toilet-2024/>

#### **CA Parks chemical toilets, 2024**

1. The building shall be a patented chemical-type toilet mounted on suitable skids.
2. Minimum wall thickness shall be 1/8 inch.
3. Interior and exterior colors will be selected by the State
4. Interior dimensions shall be a minimum of three feet three inches by three feet three inches (3'3" x 3'3") measured horizontally at one foot (1'0") above seat height. The average unobstructed height above the floor shall be six feet six inches (6'6").
5. Handicapped accessible units (if requested) shall meet the Americans with Disabilities Act (ADA) Compliance standards for such units...
6. Entrance doors shall close automatically by means of a spring or other self-closing device. The approved inside locking device or hook and eye shall be installed five feet (5'0") above the interior floor. The minimum size of the door opening shall be six feet by two feet (6'0" x 2'0").
7. If outside steps are used, they should be of ample size, firmly fastened, and preferably of one-piece construction.
8. Cross Ventilation: Each toilet shall contain wall, roof, or door openings for ventilation. All such openings shall be fly proofed by enclosing with metal mosquito screening...
9. Toilet facilities shall include one (1) individual urinal and
10. one (1) commode having
11. a hinged water closet seat, manufactured type, with a nonporous surface, in good condition.
12. The urinal shall be set entirely separate from the seat and chemical chamber. The depth of the urinal shall be a minimum of eight inches (8").
13. Toilet seats shall have a drop take [sic] beneath the seat with a minimum length of eight inches (8").
14. Signs on the units will display the universal logo for unisex - no advertisements. ..
15. Units not maintained, and under the terms of this contract found to be substandard, will be removed at the contractor's expense and replaced with units in a proper state of repair. The District Superintendent or State representative shall determine and designate which units are substandard... Seven (7) calendar days after the date of written notification, payments on units designated as substandard will cease and such nonpayment will become retroactive to the date of the original notification.
16. Carrier solutions in chemical toilets shall be of a Bio-Formation type and odor controlling. The products shall be approved for use in this state and shall be biodegradable... D-Scent meets the requirements of this application. Other products with similar characteristics can be utilized.
17. Each unit shall have a deodorant block at all times. Additional deodorants, cleaners, and disinfectants shall be supplied by the contractor for maintaining all toilet units.
18. On each service trip the contractor shall supply and replenish the following items to full stock:
  - a. a. Toilet tissue, folding sheet type with two (2) dispenser(s) in each unit.
  - b. b. Seat covers with one (1) dispenser(s) in each unit.
  - c. c. One (1) hand sanitizer pump in each unit.
19. pumping the tank and appropriately disposing of the sewage. Pumping discharge shall be done in such a manner to prevent spillage of any waste onto the ground surrounding the units
20. Janitorial services shall be performed...
21. All objects, garbage and debris must be removed from holding tanks each time the tanks are pumped. Contractor is responsible for filtering and removal/disposal of all non-waste items from inside chemical toilets on or upon pumping and cleaning unrelated to sewage, such as rocks, hazardous waste items such as syringes, etc.
22. Trash cans shall be provided by State Parks next to the units.
23. Water must be available for servicing tanks.
24. Tanks must be washed down with a high pressure stream of water so compacted waste and toilet paper are broken up, and holding tanks cleaned out to prevent buildup of solids, scum, or sand/soil concentrations.
25. Servicing Days shall be in accordance with Exhibit B, Attachment 1 or as ordered in writing by the District Superintendent or DPR representative.
26. An emergency is defined as a tank that is full or when there is an imminent threat of raw sewage exposure... The Contractor must respond to emergencies within two (2) to four (4) hours of the initial State's Representative's call.
27. Any spillage must be cleaned up and disinfected prior to leaving the job site by the Contractor.
28. <https://www.documentcloud.org/documents/25476892-ca-parks-portable-chemical-toilet-2024/>

### **CalExpo, 2024**

1. As needed, Contractor shall provide, on a weekly rental basis, portable toilets and hand washing stations for use on the Cal Expo grounds. Bid price submitted shall include initial service of unit.
2. As needed, Contractor shall provide, on a monthly rental basis, portable toilets for use on the Cal Expo grounds. Bid price submitted shall include one service call per week.
3. For the State Fair, Contractor shall provide, on a weekly rental basis, portable toilets and hand washing stations for use on the Cal Expo grounds. Bid price submitted shall include daily service on all placed units.
4. Contractor shall guarantee delivery of requested portable toilet equipment within four (4) hours of notice by Cal Expo representative...
5. Equipment is picked up the day after the rental period.
6. Contractor shall provide all portable toilet equipment in the same color.
7. The equipment shall not contain graffiti and be in good condition to meet the standards of Cal Expo. Cal Expo can reject portable toilet equipment if it does not meet the minimum "good condition" standards.
8. Units are to be serviced by Contractor upon delivery, except for the State Fair rental period, which will require daily servicing. Rates for extra service calls requested by Cal Expo are bid separately.
9. Some units may need locking devices.
10. If units are found to be not clean or stocked upon delivery, Contractor must correct the problem within two (2) hours of notification by Cal Expo representative.
11. <https://www.documentcloud.org/documents/25476896-calexpo-portable-toilets-2024/>

### **CA Highway Patrol, Keene scales, 2024**

(references to CBC 11... are California Building Code <https://www.dgs.ca.gov/BSC/Codes> Part 2, Chapter 11B. However the numbering there in Chapter 11B matches ADA numbers below, not CBC numbers, as shown by some links)

1. Contractor shall provide one (1) American Disabilities Act (ADA) portable chemical toilet unit for rental, all necessary chemicals and servicing to ensure they are clean and serviceable.
2. Servicing shall be performed three (3) times per week.
3. provide date stickers at each cleaning.
4. keep portable toilets in good, clean, and safe operating condition, including washing all portable toilets inside and out (walls, floors, toilet seats, and ceilings) using Aqua-Kem cleaner or equivalent to ensure proper sanitation.
5. refill each portable toilet to a minimum of (10) inches with a mixture of clean water and Aqua-Kem cleaner or equivalent product, with a ratio of chemical to water of 20/80.
6. add deodorizing liquid to each portable toilet tank.
7. damage caused by Contractor to state equipment, materials, or other priority shall be repaired by Contractor to the satisfaction of the state at no cost to the state.
8. pump out the holding tanks and properly dispose of waste in accordance with all Federal, State and local laws, rules and regulations.
9. remove and dispose of all debris created during performance of services.
10. deliver the waste to a county/city approved landfill in accordance with the state of California, Environmental Health Laws.
11. If any intentional or unintentional damage should occur to the toilets, it is the Contractor's responsibility to replace or repair the toilet at no cost to the state.
12. adjust grab bars upon delivery and at each service visit.
13. adjust door closers (if provided) upon delivery and at each service visit. ensure sweep period from an open position of 70-degrees shall be no less than 3-seconds to move to a point of 3-inches from latch, measured to leading edge of door. (CBC 1133B.2.5.1)  
[https://codes.iccsafe.org/content/CABC2022P1/chapter-11b-accessibility-to-public-buildings-public-accommodations-commercial-buildings-and-public-housing#CABC2022P1\\_Ch11B\\_SubCh04\\_Sec11B\\_404.2.8.1](https://codes.iccsafe.org/content/CABC2022P1/chapter-11b-accessibility-to-public-buildings-public-accommodations-commercial-buildings-and-public-housing#CABC2022P1_Ch11B_SubCh04_Sec11B_404.2.8.1) says 5 seconds
14. **DOOR** A. 3'-0" minimum width by 6'-8" minimum height. (CBC 1133B.2.2)
15. B. Shall be capable of opening at least 90-degrees with a minimum clear width of 32-inches for exit way. (ADA 404.2.3 and CBC 1133B.2.2)  
[https://codes.iccsafe.org/content/CABC2022P1/chapter-11b-accessibility-to-public-buildings-public-accommodations-commercial-buildings-and-public-housing#CABC2022P1\\_Ch11B\\_SubCh04\\_Sec11B\\_404.2.3](https://codes.iccsafe.org/content/CABC2022P1/chapter-11b-accessibility-to-public-buildings-public-accommodations-commercial-buildings-and-public-housing#CABC2022P1_Ch11B_SubCh04_Sec11B_404.2.3)
16. C. Shall be lockable and operable with one hand, requiring no tight grasping, pinching, or twisting of the wrist. (ADA 309.4 and CBC 1008.1.9.1)  
[https://codes.iccsafe.org/content/CABC2022P1/chapter-11b-accessibility-to-public-buildings-public-accommodations-commercial-buildings-and-public-housing#CABC2022P1\\_Ch11B\\_SubCh03\\_Sec11B\\_309.4](https://codes.iccsafe.org/content/CABC2022P1/chapter-11b-accessibility-to-public-buildings-public-accommodations-commercial-buildings-and-public-housing#CABC2022P1_Ch11B_SubCh03_Sec11B_309.4)
17. D. Door opening hardware shall be centered between 34-inches and 48-inches above finished floor. (ADA 404.2.7 and CBC 1008.1.9.2)

[https://codes.iccsafe.org/content/CABC2022P1/chapter-11b-accessibility-to-public-buildings-public-accommodations-commercial-buildings-and-public-housing#CABC2022P1\\_Ch11B\\_SubCh04\\_Sec11B\\_404.2.7](https://codes.iccsafe.org/content/CABC2022P1/chapter-11b-accessibility-to-public-buildings-public-accommodations-commercial-buildings-and-public-housing#CABC2022P1_Ch11B_SubCh04_Sec11B_404.2.7)

18. E. Force to activate door hardware shall not exceed 5 lbs. (ADA 309.4 and CBC 1008.1.3)  
[https://codes.iccsafe.org/content/CABC2022P1/chapter-11b-accessibility-to-public-buildings-public-accommodations-commercial-buildings-and-public-housing#CABC2022P1\\_Ch11B\\_SubCh03\\_Sec11B\\_309.4](https://codes.iccsafe.org/content/CABC2022P1/chapter-11b-accessibility-to-public-buildings-public-accommodations-commercial-buildings-and-public-housing#CABC2022P1_Ch11B_SubCh03_Sec11B_309.4)
19. F. Bottom of door shall have a 10-inch high smooth, uninterrupted surface the full width of push side of door. Any cavities created by adding kick plates shall be capped. (ADA 404.2.10 and CBC1133B.2.6)[[https://codes.iccsafe.org/content/CABC2022P1/chapter-11b-accessibility-to-public-buildings-public-accommodations-commercial-buildings-and-public-housing#CABC2022P1\\_Ch11B\\_SubCh04\\_Sec11B\\_404.2.10](https://codes.iccsafe.org/content/CABC2022P1/chapter-11b-accessibility-to-public-buildings-public-accommodations-commercial-buildings-and-public-housing#CABC2022P1_Ch11B_SubCh04_Sec11B_404.2.10)
20. G. Door shall swing outward.
21. H. Raised threshold and floor level changes greater than ¼-inch shall be beveled with a slope no greater than 1:2. (CBC 1008.1.7 and CBC 1133B.2.4.1)
22. I. Provide 60-inches clear perpendicular to pull side of door the full width of door plus 18-inch extension at latch side. (ADA 404.2.4.1 and ADA 404.2.4 and CBC 1133B.2.4.2 and CBC 1133B.2.4.3)  
[https://codes.iccsafe.org/content/CABC2022P1/chapter-11b-accessibility-to-public-buildings-public-accommodations-commercial-buildings-and-public-housing#CABC2022P1\\_Ch11B\\_SubCh04\\_Sec11B\\_404.2.4](https://codes.iccsafe.org/content/CABC2022P1/chapter-11b-accessibility-to-public-buildings-public-accommodations-commercial-buildings-and-public-housing#CABC2022P1_Ch11B_SubCh04_Sec11B_404.2.4)
23. J. Provide 18-inches clear at latch side of door the full width of door. (ADA 404.2.4.1 and ADA 404.2.4.1 and CBC 1133B.2.4.3)
24. **MANUEVERING SPACE** A. 60-inch diameter minimum clear floor space. (ADA 304.3.1 and CBC 1115B.3.2.1)
25. B. Floor shall be stable, firm, and slip resistant. (ADA 302.1 and CBC 1124B.1)
26. C. Vertical changes in level from ¼-inch – ½-inch shall be beveled with a slope not steeper than 1:2. Vertical changes in height shall not exceed ½-inch. (ADA 303.3 and CBC 1133B.2.4.1)
27. **WATER CLOSET (WC)** A. Position 18-inches from side wall to centerline of WC. No tolerance permitted (ADA 604.2 and CBC 1115B.4.1.1)
28. B. 32-inch wide clear floor space from surface of WC to opposite side wall. This clear space shall extend from rear wall to front of WC. (CBC 1115B.4.1.1)
29. C. Clearance around WC shall be 60-inches minimum perpendicular to side wall and shall be 56-inches minimum perpendicular from rear wall. (ADA 604.3.1)
30. D. Seat height shall be between 17-inches minimum and 19-inches maximum from the floor to the top of toilet seat. Seats shall not be thicker than 2-inches.
31. Seats shall not be sprung to return to a lifted position. (ADA 604.4 and CBC 1115B.4.1.4)
32. **GRAB BARS (GB)** A. Side wall GB shall be 42-inches long minimum, located 12-inches maximum from the rear wall and extending 54-inches minimum from the rear wall. The front edge of the GB shall be a minimum of 24-inches from front of WC. (ADA 604.5.1 and CBC 1115B.4.1.3.3.1)
33. B. Rear wall GB shall be 36-inches long minimum and extend from the centerline of the WC 12-inches minimum on one side and 24-inches minimum on the other side. (ADA 604.5.2 and CBC 1115B.4.1.3.3.2)
34. C. GB shall be mounted in a horizontal position between 33-inches above floor measured to centerline of GB. (ADA 609.4 and CBC 1115B.4.1.3.3.1 and CBC 1115B.4.1.3.3.2)
35. D. Diameter of GB shall be between 1 ¼-inch minimum and 1 ½-inch maximum. (ADA 609.2.1 and CBC 1115B.7.1)
36. E. Spacing between GB and wall shall be 1 ½-inches. (ADA 609.3 and CBC 1115B.7.1)
37. F. GB shall not project more than 3-inches into required clear floor space. (CBC 1115B.4.1.3)
38. G. GB shall not rotate within their fittings. (ADA 609.6 and CBC 1115B.7.2.5)
39. H. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds is applied at any point on the GB, fastener, mounting device, or supporting structure. (ADA 609.8 and CBC 1115B.7.2.1 and CBC 1115B.7.2.2)
40. **TOILET PAPER DISPENSER (TPD)** A. Shall be 7-inches minimum and 9-inches maximum in front of WC measured to the centerline of the dispenser. Front edge of TPD cannot exceed 12-inches from front edge of toilet seat and cannot exceed 36-inches from rear wall. (ADA 604.7 and CBC 1115B.8.4)
41. B. The outlet of the dispenser shall be 15-inches minimum and 48-inches maximum above the floor. Do not locate behind GB's. Centerline of TPD shall be 19-inch minimum above finish floor. (ADA 604.7 and CBC 1115B.8.4)
42. C. Dispenser shall be continuous flow type. (ADA 604.7 and CBC 1115B.8.4)
43. **HAND SANITIZER DISPENSER** A. Mount at interior wall with 15-inches clear at both sides and operable part at 40-inches above floor. (CBC 1115B.8.3 and CBC 1118B.4.1)
44. B. Operable with one hand requiring no tight grasping, pinching, or twisting of the wrist. (ADA 309.4 and CBC 1117B.6.4)
45. <https://www.documentcloud.org/documents/25482315-chp-scales-keene/>

#### **CA Highway Patrol, chemical, 2024**

Contractor shall provide and maintain



1. **Portable Chemical Toilets with Containment Trays,**
2. **ADA Wheelchair Accessible Portable Chemical Toilets,**
3. **Three-Station Executive Restrooms,** and
4. **Sink Station Units** complying with the requirements listed below for various **CHP Academy Events and Training sessions.**
5. B. Contractor shall check-in/out with the Facility on-site contact upon each service call to provide verification that service has been provided.
6. C. Contractor shall provide ... all necessary chemicals, paper products and servicing to ensure they are clean and serviceable.
7. D. Contractor shall pump out the holding tanks and properly dispose of waste...
8. Contractor shall remove and dispose of all debris created during performance of services.
9. E. Contractor shall keep portable toilets in good, clean, and safe operating condition, including washing all portable toilets inside and out (walls, floors, toilet seats, and ceilings) using Aqua-Kem cleaner or equivalent to ensure proper sanitation.
10. F. Contractor shall refill each portable toilet to minimum of ten (10) inches with a mixture of clean water and Aqua-Kem cleaner or equivalent product, with a ratio of chemical to water of 20/80.
11. G. Contractor must add deodorizing liquid to each portable toilet tank.
12. H. Contractor shall deliver the waste to a county/city approved landfill in accordance with the state of California, Environmental Health Laws...
13. I. Contractor shall take all necessary precautions to protect service locations. Any damage caused by Contractor to state equipment, materials, or other priority shall be repaired by Contractor to the satisfaction of the state at no cost to the state. The state may, at its option, repair any damage and deduct from Contractor the cost thereof.
14. J. State shall not be liable for any damage incurred to the toilets while placed on state property. If any intentional or unintentional damage should occur to the toilets, it is the Contractor's responsibility to replace or repair the toilet at no cost to the state.
15. K. A service request requires a response by Contractor within twenty-four (24) hours to the appropriate location.
16. <https://www.documentcloud.org/documents/25476899-california-highway-patrol-portable-toilets-2024/>

#### **CA Military, 2024**

1. Total number of restrooms, wash stations, and handicap accessible restrooms at Camp San Luis Obispo shall be:
  - a. 68 restrooms...
  - b. 5 additional handicap accessible restrooms
  - c. 68 hand wash stations
2. Total number of restrooms, wash stations, and handicap accessible restrooms at the SLOSA location shall be:
  - a. 10 restrooms
  - b. 2 additional handicap accessible restrooms
  - c. 10 hand-wash stations
3. Cleaning and sanitizing of portable latrines and handwash stations shall be completed per the schedule below... 6/17, 6/18, 6/19, 6/20, 6/21, 6/22, 6/23, 6/24, 6/25, 6/26, 6/27, and 6/28.
4. <https://www.documentcloud.org/documents/25476897-ca-military-camps-portable-toilets-2024/>

#### **CA Water Resources, 2024**

1. The Contractor will provide an estimated 30 chemical toilets and
2. handwash stations on a monthly rental basis.
3. tank vents,
4. building vents,
5. seat covers,
6. seat cover holders,
7. toilet paper, and
8. toilet paper holders.
9. The units will be of the polyethylene or fiberglass type of material.
10. The units will be free of cracks, patches, and graffiti.
11. The units will be securely placed as to prevent them from being upset by the wind. DWR can request sandbags for stability and preventing movement of the units in high wind areas.
12. Special Event Trailers will include a septic tank, water tank, toilets and sinks.
13. Formal Special Event Trailers will include a septic tank, a water tank and be equipped with air conditioning and heating. DWR can provide electricity to the Formal Special Event Trailers...
14. Portable units will be serviced on a weekly basis...
15. Emergency service requests should be fulfilled no later than 24 hours after the request was made.

16. Contractor will provide all labor, equipment, materials, supplies, and chemicals for servicing and maintenance of all units.
17. Maintenance will include presentable coatings and functional hardware on all units, with repairs or replacements made to damaged units as soon as practically feasible at the Contractor's expense.
18. DWR will have the right to terminate or cease payment should Contractor fail to service and maintain the units properly...
19. DWR will not be responsible for loss or damage to the rented units arising from causes beyond the control of DWR. DWR's responsibility for repairs and liability for damage or loss is restricted to that made necessary or resulting from the negligent act or omission of DWR or its officers, employees, or agents.
20. <https://www.documentcloud.org/documents/25476895-california-water-resources-portable-toilets-2024>

<b>CA Fish &amp; Wildlife, San Jacinto, 2024</b>	<b>CA Fish &amp; Wildlife, Los Banos, 2024</b>	<b>CA Fish &amp; Wildlife North Grasslands, 2024</b>
<ol style="list-style-type: none"> <li>1. toilet paper,</li> <li>2. seat covers,</li> <li>3. hand sanitizer,</li> <li>4. air freshener)...</li> <li>5. (2) standard portable toilet units during Waterfowl Season for use at SJWA...</li> <li>6. serviced weekly (on Thursdays only)...</li> <li>7. two (2) ADA portable toilet units year-round and service them weekly (on Thursdays only) ...</li> <li>8. uniform in size, structure, appearance...</li> <li>9. each unit will have a decal with the Contractor's company name and current phone number affixed in a plainly visible position.</li> <li>10. Heavy-duty, high-grade construction</li> <li>11. Single occupancy Ventilation system</li> <li>12. Toilet paper dispenser (1,000 single-ply capacity); toilet paper dispenser must be mounted 19" minimum from floor</li> <li>13. Toilet seat cover dispenser</li> <li>14. Antibacterial hand sanitizer dispensers</li> <li>15. Air freshener</li> <li>16. Seated toilet</li> <li>17. Plastic or fiberglass</li> <li>18. Translucent roof (entire or partial) to allow light in</li> <li>19. Single or double wall construction; <b>at least</b> 1/8" thick</li> <li>20. <b>At least</b> a 50-gallon holding tank</li> <li>21. <b>At least</b> 3.5' wide x 3.5' deep x 7' high</li> <li>22. ADA only;</li> </ol>	<ol style="list-style-type: none"> <li>1. Two (2) American with Disabilities Act (ADA) and six (6) standard portable toilet units year-round (General Season) for each year of the agreement.</li> <li>2. b. Three (3) ADA and eleven (11) standard portable toilet units during Waterfowl Season (October through February) of each year of the agreement.</li> <li>3. c. Three (3) standard portable toilet units to be delivered 2 days prior to the public hunt opening day, the third Saturday of November through February 15th each year.</li> <li>4. d. The Contractor is responsible for making any adjustments and repairs as needed to meet these standards.</li> <li>5. uniform in size, structure, and appearance.</li> <li>6. decal with the Contractor's company name and current phone number</li> <li>7. Heavy duty, high grade construction</li> <li>8. Ventilation system</li> <li>9. Toilet paper dispenser (1,000 single-ply capacity)</li> <li>10. Toilet seat cover dispenser</li> <li>11. Antibacterial hand sanitizer dispensers</li> <li>12. Air freshener</li> <li>13. Seated toilet</li> <li>14. Plastic or fiberglass</li> <li>15. Translucent roof (entire or partial) to allow light in</li> <li>16. Single or double wall construction; <b>at least</b> 1/8" thick</li> <li>17. <b>At least</b> a 50-gallon holding tank</li> <li>18. <b>At least</b> 3.5' wide x 3.5' deep x 7' high</li> <li>19. ADA toilets must have ADA* compliant grab bars *Americans with Disabilities Act (ADA), comply with current ADA specifications.</li> <li>20. The CDFW will not be held liable for any damage sustained or theft of any</li> </ol>	<ol style="list-style-type: none"> <li>1. a. One (1) American with Disabilities Act (ADA) and one (1) standard portable toilet units year-round for each year of the agreement (General Season).</li> <li>2. b. Three (3) ADA and sixteen (16) standard portable toilet units during Waterfowl Season (October through February) of each year of the agreement (Waterfowl Season).</li> <li>3. c. One (1) standard portable toilet unit to be delivered 2 days prior to the public hunt opening day for Dove Season (September 1-15) of each year, and four (4) standard portable toilet units to be delivered 2 days prior to the public hunt opening day for late Waterfowl Season, the third Saturday of November through February 15th each year.</li> <li>4. d. The Contractor is responsible for making any adjustments and repairs as needed to meet these standards.</li> <li>5. uniform in size, structure, and appearance.</li> <li>6. decal with the Contractor's company name and current phone number</li> <li>7. Heavy duty, high grade construction</li> <li>8. Single occupancy</li> <li>9. Ventilation system</li> <li>10. Toilet paper dispenser (1,000 single-ply capacity)</li> <li>11. Toilet seat cover dispenser</li> <li>12. Antibacterial hand sanitizer dispensers</li> <li>13. Air freshener</li> <li>14. Seated toilet</li> <li>15. Plastic or fiberglass</li> <li>16. Translucent roof (entire or partial) to allow light in</li> <li>17. Single or double wall construction; <b>at least</b> 1/8" thick</li> <li>18. <b>At least</b> a 50-gallon holding tank</li> <li>19. <b>At least</b> 3.5' wide x 3.5' deep x 7' high</li> <li>20. ADA* compliant grab bars All handicap units must comply with current ADA</li> </ol>

<b>CA Fish &amp; Wildlife, San Jacinto, 2024</b>	<b>CA Fish &amp; Wildlife, Los Banos, 2024</b>	<b>CA Fish &amp; Wildlife North Grasslands, 2024</b>
<p>a. ADA* compliant grab bars</p> <p>b. Urinals/toilets must have an elongated rim</p> <p>c. Clear floor space of 30" x 48" in front of urinal/toilet as a path</p> <p>d. Clear floor space 42' minimum from the centerline of the water closet to the wall (on the west side of the toilet).</p> <p>e. Urinals/toilets shall be 17" maximum height from floor</p> <p>f. 60" minimum turning diameter;</p> <p>g. maximum 48" forward reach;</p> <p>h. maximum 54" side reach</p> <p>23. install all portable toilet units securely to the ground with stakes, or as agreed ... to prevent tipping due to high winds or vandalism.</p> <p>24. at minimum, the tasks listed below at each servicing per unit:</p> <p>a. Pump holding tank.</p> <p>b. Refresh odor-suppressing chemicals in the holding tank.</p> <p>c. Apply fragrance as needed.</p> <p>d. Sanitize unit interior in its entirety (including walls, floor, ceiling, seat, urinal, sink, etc.).</p> <p>e. Clean entry door and ensure good working condition.</p> <p>f. Remove all insects, webs, and debris.</p> <p>g. Restock all paper supplies (seat covers, 1000 sheets per roll single ply tissue, paper towels, etc.).</p> <p>25. <a href="https://www.documentcloud.org/documents/25476898-ca-fishwildlife-portable-toilets-2024/">https://www.documentcloud.org/documents/25476898-ca-fishwildlife-portable-toilets-2024/</a></p>	<p>portable toilet unit provided by the Contractor while placed on State of California property.</p> <p>21. Service technicians should carry insect repellant and wasp spray at all times.</p> <p>22. install all portable toilet units securely to the ground with stakes, or as agreed upon by the CDFW Contractor Manager and Contractor Project Director, to prevent tipping due to high winds or vandalism. •</p> <p>23. service all portable toilet units once per week on either Monday or Tuesday, between the hours of 8:00 a.m. and 3:00 p.m.</p> <p>a. i. Pump holding tank;</p> <p>b. ii. Refresh odor-suppressing chemicals in the holding tank;</p> <p>c. iii. Apply fragrance as needed;</p> <p>d. iv. Sanitize unit interior in its entirety (including walls, floor, ceiling, seat, urinal, sink, etc.);</p> <p>e. v. Clean entry door and ensure good working condition;</p> <p>f. vi. Clean dust and dirt by sweeping and/or washing as part of the weekly maintenance;</p> <p>g. vii. Remove all insects, webs, and debris;</p> <p>h. viii. Restock all paper supplies (seat covers, 1000 sheets per roll single ply tissue, paper towels, etc.) and</p> <p>i. ix. Restock hand sanitizer.</p> <p>j. c. Service Log The Contractor will maintain a service log for each unit, and each log will be housed in the portable toilet unit for which it is kept.</p> <p>k. The Contractor will clean the premises where the units were located.</p> <p>24. <a href="https://www.documentcloud.org/documents/25482311-cafw-banos/">https://www.documentcloud.org/documents/25482311-cafw-banos/</a></p>	<p>specifications. * <i>Americans with Disabilities Act (ADA)</i></p> <p>21. CDFW will not be held liable for any damage sustained or theft of any portable toilet unit provided by the Contractor while placed on State of California property.</p> <p>22. Service technicians should carry insect repellant and wasp spray at all times.</p> <p>23. install all portable toilet units securely to the ground with stakes, or as agreed upon by the CDFW Contractor Manager and Contractor Project Director, to prevent tipping due to high winds or vandalism.</p> <p>24. service all portable toilet units once per week on either Monday or Tuesday, between the hours of 8:00 a.m. and 3:00 p.m., commencing with the first Monday or Tuesday after initial delivery.</p> <p>a. i. Pump holding tank;</p> <p>b. ii. Refresh odor-suppressing chemicals in the holding tank;</p> <p>c. iii. Apply fragrance as needed;</p> <p>d. iv. Sanitize unit interior in its entirety (including walls, floor, ceiling, seat, urinal, sink, etc.);</p> <p>e. v. Clean entry door and ensure good working condition;</p> <p>f. vi. Clean dust and dirt by sweeping and/or washing as part of the weekly maintenance;</p> <p>g. vii. Remove all insects, webs, and debris;</p> <p>h. viii. Restock all paper supplies (seat covers, 1000 sheets per roll single ply tissue, paper towels, etc.) and</p> <p>i. ix. Restock hand sanitizer.</p> <p>j. c. Service Log The Contractor will maintain a service log for each unit, and each log will be housed in the portable toilet unit for which it is kept.</p> <p>25. clean the premises where the units were located.</p> <p>26. <a href="https://www.documentcloud.org/documents/25482306-cafw-ngrasslands/">https://www.documentcloud.org/documents/25482306-cafw-ngrasslands/</a></p>

#### **CA Conservation Corps, 2024**

1. Fourteen (14) Portable Restroom Units
2. Seven (7) Two Basin Hand Wash Stations
3. Twice-weekly maintenance services scheduled by the Contract Manager. Services include:
  - a. • Restocking of supplies
  - b. • Janitorial Service including disinfecting units
  - c. • Refilling of the freshwater tanks
  - d. • Drainage of the grey water tanks
4. make all necessary repairs to the portable units furnished
5. replace the portable units when the portable units are no longer fit for the purpose intended.

#### **CA DMV, 2024**

1. one (1) ADA compliant freestanding portable restroom with the specifications below:
2. a. The portable restroom must have a door that is lockable from the outside to prevent entry during non-business hours. Two (2) sets of keys shall be provided to the DMV Project Manager at or before delivery of the portable restroom. If the lock is a combination type lock, the combination code shall be provided to the DMV Project Manager at or before delivery of the portable restroom.
3. b. All equipment shall include the connection of waste pipe to tank.
4. c. The Contractor shall secure the portable restroom to the ground to prevent vandalism and/or theft.
5. maintenance one (1) times per week:
  - a. interior, including but not limited to the toilet seat, dispensers, fixtures, walls, and floor, shall be thoroughly cleaned with a germicidal cleaner.
  - b. The entire exterior, including but not limited to the tank area, shall be thoroughly cleaned with a germicidal cleaner followed by a disinfectant.
  - c. The holding tank shall be completely emptied.
  - d. The portable restroom and holding tank shall be maintained to ensure an odor-free, safe, and healthy environment.
  - e. Seat cover and toilet paper dispenser(s) shall be refilled so as to ensure they do not run out before the next service day.
6. Contractor shall provide
  - a. All cleaning supplies.
  - b. All dispenser refill supplies, including toilet paper, seat covers, paper towels, and soap.
  - c. Replacement light bulbs, if applicable, and when necessary.
7. Concentrated cleaning products shall be utilized when available with appropriate dilution systems.
8. continually assess and reassess the portable restroom to utilize the most current low environmental impact products and/or new methods available.
9. Specifications of all supplies shall be provided as a part of this Agreement.
10. Material Safety Data Sheet (MSDS) for each chemical shall be provided to the DMV Project Manager.
11. Purchase sustainable cleaning products packaged in recyclable/reusable containers, thereby minimizing waste.
12. The Contractor shall not use or possess on the premises any material which has one or more of the following signal words on its label (check both the product label and MSDS): A. Warning, B. Caution, C. Danger, D. Flammable, E. Poison, F. Reactive,
13. DMV shall be relieved of all risks of loss or damage during the entire time the equipment is in the possession of the DMV, except when the loss or damage is due to fault or negligence on the part of the DMV.
14. ensure that the equipment remains in good operating condition at all times. If rented or loaned equipment needs to be removed from the DMV premises for repair or replacement, the Contractor shall immediately provide the DMV with replacement equipment of comparable capability.
15. <https://www.documentcloud.org/documents/25482310-ca-dmv/>

#### **CA State Hospitals, Napa, 2024**

1. Contractor will ensure all portable toilet units will be constructed of fiberglass and are in new or like-new condition.
2. Ensure all doors on units are lockable from the inside with an appropriate device automatically indicating occupancy.
3. Ensure that all units are equipped with
  - a. seat cover dispensers that are refilled once per week, as well as
  - b. toilet paper,
  - c. handwashing soap,
  - d. paper hand towels and the
  - e. water tank in the hand washing stations.
4. Ensure all units are emptied and serviced once per week.
5. <https://www.documentcloud.org/documents/25476894-california-hospital-portable-toilets-2024/>

#### **CA State Hospitals, Coalinga, 2024**

1. daily rentals of single portable toilets, ADA compliant portable toilets, and hand washing stations. The contractor must be able to provide up to fifty (50) single portable toilets, fifteen (15) ADA compliant portable toilets, and fifty-five (55) hand washing stations for rental and service.

2. pump, restock, and clean rentals one (1) to two (2) times a week, or as needed, complying with Occupational Safety and Health Administration (OSHA) guidelines.
3. The Contractor shall use only equipment that is suitably built and arranged to eliminate any possibilities of damaging any persons or property.
4. Contractor and Contractor's staff must be able to pass a background check
5. If services are provided on DSH grounds, then the Contractor shall participate in any of the DSH workplace violence prevention, infection control-illness prevention, and workplace safety measures or programs as may be required by DSH. This responsibility includes compliance with infection control measures, use of Personal Protective Equipment (PPE) as prescribed by DSH, attending any and all related training or orientation to such measures or programs as may be required and scheduled by the DSH.
6. Contractor, their personnel, subcontractors, and anyone else affiliated with this Agreement shall not engage in, and shall report all instances of, any activity that would constitute "Workplace Violence" as defined in the applicable DSH Administrative Letter, which can be provided upon request.
7. Payment shall not be provided for services deemed unacceptable by the Contract Manager and/or their designee.
8. <https://www.documentcloud.org/documents/25482313-ca-state-hospital-coalinga/>

#### **CA Veterans Home, Fresno, 2024**

1. portable toilets, both regular and ADA compliant and portable hand wash basins
2. all necessary supplies (including [but not limited to] toilet paper, paper towels, hand soap, water refills), delivery and pickup of units.
3. Inside of the toilet units must be cleaned with disinfectant, rinsed, and deodorized with servicing on a daily basis.
4. If any toilet or hand wash station is damaged or unfit for use by the Homes residents and staff the Contractor will repair or replace the unit.
5. <https://www.documentcloud.org/documents/25482308-ca-va-fresno/>

#### **CA Veterans Home Yountville, 2024**

1. portable toilets and handwashing stations (dispensing toilet paper, water, soap, paper towels, etc., as applicable)
2. Contractor shall perform the following on a weekly basis:
  - a. a. Clean the exterior of the toilets.
  - b. b. Clean and disinfect the interior of the toilets (including walls, floors, toilet seats, urinals, dispensers, and ceilings).
  - c. c. Add deodorizing agent to toilet tanks.
  - d. d. Evacuate/pump-out waste from the toilets
  - e. e. Refill toilets to a minimum of ten (10)-inches with a mixture of clean water and cleaner (Aqua-Kem or equivalent), with a 20/80 ratio of chemical to water.
  - f. f. Clean and disinfect handwashing stations.
  - g. g. Refill sink/handwashing station water tanks.
  - h. h. Replenish toilet paper, toilet seat covers, soap, paper towels, etc.
  - i. i. Inspect the units' condition (including coatings, appearance, etc.) and operability (including functionality of doors, locks, dispensers, etc.).
  - j. i. Contractor shall immediately notify CM of any deficiency identified.
  - k. ii. If Contractor is unable to repair/remediate the deficiency at the time of discovery, Contractor shall inform CM of status and schedule repair/remediation service with CM.
3. 4. At no additional cost to CalVet, Contractor shall repair or replace any unit that becomes non-operative or unserviceable within twenty-four (24) hours of discovery by Contractor staff or notification by CM or designee.
4. <https://www.documentcloud.org/documents/25482309-ca-va-yountville/>

#### **CA Corrections, 7/25/2024**

The Contractor shall provide

1. fiberglass or polyethylene single unit portable toilets,
2. placed on skids or wheels, that
3. include an interior or exterior hand washing unit.
4. Portable Toilets •
5. Portable Toilets with Interior Hand Washing Unit •
6. Americans with Disabilities Act (ADA) Compliant Portable Toilets with Interior Hand Washing Unit •
7. Trailer Mounted Portable Toilets with Interior Hand Washing Unit •
8. Portable Toilets with Crane Hook and Interior Hand Washing Unit •
9. Exterior Portable Sink or Hand Washing Unit •



10. Trailer Mounted Restroom including electric lighting, hot and cold running water, flushable toilets, and climate control ...
11. The Contractor shall deliver the waste to a city or county approved landfill... Contractor shall be responsible for all landfill fees. Any sample analysis or laboratory costs shall be the responsibility of the Contractor, with copies provided to the CTR Site Supervisor..
12. CDCR has the right to terminate the Agreement should the Contractor fail to maintain the toilets.
13. a. Deliver and set up each portable toilet in the designated location.
14. b. Maintain all portable toilets in good, clean, and safe operating condition; including
15. washing all portable toilets inside and out (walls, floors, toilet seats, and ceiling), using Aqua-Kem cleaner or equivalent product, to ensure proper sanitation.
16. c. Stock and maintain all paper products including, but not limited to, sanitary hygiene product dispensers, toilet paper, paper towels, and toilet seat covers.
17. d. Refill each portable toilet to a minimum of ten (10) inches with a mixture of clean water and Aqua-Kem cleaner or equivalent product, with a 20/80 ratio of chemical to water.
18. e. Add deodorizing liquid to each portable toilet tank.
19. f. Refill water tanks for spigots/taps.
20. g. Maintain the condition of English and Spanish signs that state "Water Is Not For Drinking."
21. h. Pump-out the holding tanks and properly dispose of waste in compliance with applicable local, State and Federal laws.
22. i. Repair or replace any portable toilet that becomes non-operative or becomes unserviceable within twelve (12) hours of notification by the CTR Site Supervisor.
23. 3. SEWAGE BLADDER TANK PUMPING The Contractor shall pump, remove, and dispose of waste material from various sized sewage bladder tanks on an as-needed basis
24. CDCR will not be liable for loss or damages to the portable toilet(s) from any cause whatsoever during the period of transportation or during the period the portable toilet(s) are in the possession of the CDCR except when loss or damages result from the negligent act or omissions of the CDCR, its officers, employees, or agents...
25. [CDCR will] Provide power and water to the Trailer Mounted Restroom(s) once set in place.
26. <https://www.documentcloud.org/documents/25476893-california-corrections-portable-toilets-2024/>

#### **CA Corrections 12/24/2024**

1. provide a Portable Toilet (Standard) with either an interior or exterior portable sink station as per the requesting institution's requirements,
2. constructed of polyethylene or fiberglass that are stationary or placed on skids or wheels.
3. maintenance services (including pump-out and cleaning) to the portable toilets (rented and state-owned) and hand-washing stations at a minimum of twice per week.
4. provide ground stakes to keep equipment upright during times of inclement weather
5. Decreased maintenance services shall not affect the identified service rates.
6. Contractor shall pump out all holding tanks
7. keep portable toilets in good, clean, and safe operating condition, including washing all portable toilets inside and out (toilet seat, walls, floor, and ceiling), using Aqua-Kem cleaner or equivalent to ensure proper sanitation.
8. maintain and restock/refill all paper products (including portable toilets with sanitary napkin dispensers) and soap/sanitizer dispensers, as applicable.
9. refill the water tanks for spigots/taps.
10. refill each portable toilet to a minimum of ten (10) inches with a mixture of clean water and Aqua-Kem cleaner or equivalent product, with a chemical to water ratio of 20:80. The product used shall be effective in preventing bacteria growth.
11. add deodorizing liquid to each portable toilet tank.
12. Any necessary sample analysis or laboratory costs shall be the responsibility of the Contractor. Copies of analysis reports shall be provided to the respective institution/facility.
13. stationary or placed on skids or wheels
14. Contractor shall remove all objects from each rental equipment unit that may be considered a weapon
15. provide signs in English and Spanish stating that the **"WATER IS NOT FOR DRINKING."**
16. repair or replace any portable toilet and sink station that becomes inoperable or unserviceable, as requested by the CDCR Contract Liaison or designee.
17. include an attached interior or exterior hand-washing station based on the needs of the facility.
18. <https://www.documentcloud.org/documents/25482314-ca-corrections-12-2024/>

#### **CA Food & Agriculture, 2024**

1. Provide four (4) portable toilet units with flush and sink.

2. Furnish all labor, materials, supplies, and equipment to maintain the portable toilets in a clean, well- maintained condition, free of all odors, grime, stains, and litter.
3. Pumping requirements:
  - a. • Wear appropriate personal protective equipment (PPE) such as gloves, safety glasses, and potentially a mask.
  - b. • Once the tank is empty, rinse it with water and pump out the rinsed water after cleaning.
4. Clean and sanitize the exterior and interior surfaces of the portable toilet.
5. Restock with toilet seat covers, toilet tissue, paper towels, liquid hand washing soap, and other supplies as needed.
6. Check for any damage or maintenance needs.
7. Log the service visit, noting any issues, the amount of waste, pumped, and any maintenance performed.
8. provide cleaning services twice during the work week (Monday through Friday).

### **CalTrans, Blue Canyon, 2024**

1. Contractor shall provide five (5) portable restrooms at the Westbound Blue Canyon Truck Brake Check Area on I-80, Placer County, approximately 25 miles East of Colfax, CA.
2. Two (2) of the five (5) portable toilets shall be handicapped accessible
3. Contractor shall provide one (1) handicapped accessible portable restroom at the Gold Run Sand House on I-80, Placer County, approximately 10 miles East of Colfax, CA.
4. B. All units, including handicapped accessible restrooms, shall also be equipped with urinals.
5. C. Servicing shall include pumping, cleaning, and sanitizing. Contractor shall supply toilet tissue, unit deodorant, and seat covers.
6. D. Blue Canyon units shall be serviced a minimum of twice weekly on Mondays and Thursdays.
7. E. Gold Run unit shall be serviced weekly and able to be locked with a padlock.
8. F. All debris or spillage from servicing at any location shall be removed and/or cleaned up upon completion of the servicing work.
9. 1) Pumping of supplied portable toilets.
10. 2) Thoroughly cleaning and sanitizing the inside and outside of supplied portable toilets.
11. 3) Supply toilet tissue, holding tank deodorant, and seat covers to be used with supplied portable toilets.
12. 4) Update service log (located inside of the portable toilets)
13. K. All the units' holding tanks shall be anti-freeze protected.
14. <https://www.documentcloud.org/documents/25482316-caltrans-blue-canyon/>

## **Bureau of Land Management**

### **BLM toilets for fires**

Very similar to Forest Service below.

Portable Toilets: Furnish

1. standard size,
2. industrial quality portable toilets and
3. Provide associated supplies and sanitary services.
4. Portable units must meet all applicable federal, state, and local codes.
5. Wheelchair accessible units must meet all appropriate accessibility standards.
6. All units shall arrive and be maintained in a clean and serviceable condition.
7. Units shall include a wall mounted urinal,
8. a bench style toilet with seat and cover, and
9. hand sanitizer dispenser.
10. All units shall contain a multi-roll lockable toilet paper dispenser which shall be filled on every service visit.
11. Units shall provide separate and sufficient ventilation to both the unit and the waste reservoir.
12. All units must contain a waste reservoir with a minimum capacity of 45 gallons.
13. A 35-gallon or 68-gallon holding tank is acceptable for [ADA] units.

Handwashing stations shall have

1. a minimum of: two basins with one-foot operated pump per basin.
2. A large basin with two spigots is acceptable as long as there is one-foot operated pump per spigot
3. tank capacity shall hold not less than 20 gallons of potable water and 20 gallons of gray water
4. snap in gray water bladder bags is not acceptable
5. one soap dispenser and one paper towel dispenser for every two basins
6. paper towel dispenser filled with single fold towels

7. Service shall include removal and disposal of all waste in accordance with state and local law, as well as
8. removal and disposal of trash in and around the unit,
9. cleaning of the unit (units shall be clean and free of streaks and markings),
10. repairing any damage,
11. refilling with chemicals,
12. stocking of paper towels and liquid soap.
13. Contractor is responsible for gray water disposal for handwashing stations. The Government will provide the potable water source.
14. Service trucks for pumping black water from portable toilet units must have a separate hose and wand to service the handwashing station, and must meet all federal, state, and local sanitation regulations.
15. <https://www.documentcloud.org/documents/25475924-blm-fires-portable-toilets-2024/>

#### **BLM Alabama Hills, Inyo County 2024**

1. **Task 1:** Deploy portable toilet units to the locations identified in the Technical Exhibits.
2. **Task 2:** Weekly service of the toilets that include cleaning and restocking the toilets with basic hygiene products (toilet paper and hand sanitizer) necessary for their functioning.
3. **Task 3:** Retrieval of toilet units when no longer needed.
4. Government employee will inspect toilets weekly.
  - a. For one unsatisfactory inspection (ie not clean, not enough toilet paper, toilet blown over), the COR will document and inform the contractor on what must be improved.
  - b. For 2 unsatisfactory inspections, a 5% deduction from the invoice for that Period of Performance.
  - c. For 3 unsatisfactory inspections, a 10% deduction.
5. <https://www.documentcloud.org/documents/25475781-alabama-hills-inyo-portable-toilets-2024>

#### **BLM Happy Boulders trailhead, Inyo County 2024**

1. Task 1: Pump waste from portable toilet and add fresh water and deodorizer one or two times per week depending on visitation and use.
2. Task 2: Remove any dirt, sanitize all surfaces, and replenish toilet paper with each pumping service.
3. Monitoring Performance. During the course of the evaluation period, the COR will track Contractor performance...
  - a. Contractor Self-Assessment. Following each evaluation period, the Contractor may provide a written self-assessment of its performance to the COR to be considered in its report to the Contracting Officer... The self-evaluation shall not exceed 1 page per PRS element. The self-assessment shall address both the strengths and weaknesses of the Contractor's performance during the evaluation period. Where deficiencies in performance are noted, the Contractor shall describe the actions planned or taken to correct such deficiencies and avoid their recurrence...
  - b. COR Recommendation. The COR will consider all evaluations and any other pertinent information, including Contractor self-assessment, and will prepare a report to the Contracting Officer with findings and recommendations.
6. <https://www.documentcloud.org/documents/25475778-happy-boulders-inyo-2024/>

#### **BLM Wild Willy, Mono County, 2024**

Task 1: Deploy a portable toilet unit...

Task 1a: Deploy an additional toilet rental for a 7-day period on up to six (6) holiday weekends throughout the year...

Task 2: Cleaning and pumping up to three times per week of the toilets and trash pick up to two times a week.

Task 2a: The additional toilet will be serviced three times within a 7-day period, for each period of performance.

Task 2b: As needed; Additional Emergency services to include trash collection, extra toilet pumping, portable toilet cleaning, if visitation use increase warrants the increased service.

Task 2c: As needed; Additional Emergency Service the rental of an additional 3-yard dumpster for seven (7) days one (1) week at a time, up to six (6) times per period of performance.

Task 3: Retrieval of toilet and dumpsters unit when no longer needed.

Government employee will inspect toilets weekly.

- For one unsatisfactory inspection (i.e., not clean, toilet blown over), the COR will document and inform the contractor on what must be improved.
- For two unsatisfactory inspections, a 5% deduction from the invoice for that Period of Performance.
- For three unsatisfactory inspections, a 10% deduction.

<https://www.documentcloud.org/documents/25475878-wild-willy-mono-portable-toilets-2024/>



### **BLM Merced River, Mariposa County 2024**

1. Pump each portable toilet weekly and clean inside and out.
2. Resupply TP.
3. Expect trash such as cans, bottles etc. Be prepared to remove all contaminated trash and debris from the public lands to dispose of properly off site...
4. Clean/disinfect interior of portable toilet by wiping and/or hosing out riser and interior of unit, clean/disinfect interior/exterior door handle...
5. BLM staff will inspect the facilities in-person twice per week.
  - a. For 1-2 unsatisfactory inspection, the COR will document this and inform the Contractor what must be improved.
  - b. For 3-5 unsatisfactory inspections, a 5% deduction from the invoice for that Period of Performance.
  - c. For 5 or more unsatisfactory inspections, a 10% deduction.
6. <https://www.documentcloud.org/documents/25475532-merced-river-portable-toilets-2024/>

### **BLM Point Arena, Mendocino County, 2024**

Once per week clean & pump

1. one single 65-gallon portable toilet unit at each site...
2. a working hand sanitizer dispenser within the unit, or a freestanding hand sanitizer dispenser.
3. Physically check portable unit exteriors and interiors for damage, graffiti, and vandalism. Report all damage, graffiti, and vandalism to the COR within 24 hours. Damage, graffiti, and vandalism reports must be accompanied with photo documentation of the damage.
4. Remove all mildew, cobwebs, and insect nests.
5. Clean and disinfect all toilet risers and seats.
6. Toilet tissue and hand sanitizer shall be checked and replaced so each unit is fully stocked at the time of each service.
7. Remove all trash from trash receptacles and sanitary napkin holders... Place a new trash bag and sanitary napkin bag in each receptacle. All trash within ten feet of each portable unit shall be removed.
8. Perform regular maintenance and repairs to keep all units operational at all sites. If a unit is not operational and cannot be repaired within 72 hours, the non-operational unit shall be removed within 48 hours and a new unit shall take its place (at no additional cost to the government).
9. Remove and dispose of any trash dumped at site to an appropriate transfer station... Notify COR immediately of any large trash dumps. Reports of large trash dumps must be accompanied by photo documentation of the trash dumps.
10. Each portable toilet must be thoroughly pumped and washed down to insure removal of all effluent (human wastes) and household debris. Clean water and deodorizer shall be added during each pumping service.
11. Any effluent spilled must be immediately and thoroughly removed, disposed of and the area of spill be left clean. Disposal of all material removed must be in accordance with Federal, State, and local regulations.
12. <https://www.documentcloud.org/documents/25475775-point-arena-portable-toilets/>

### **BLM rookie firefighter school, NV, 2024**

1. 10 portable toilets to service up to 50 people
2. 6 double-sided handwash stations to accommodate up to 50 people
3. Daily service of toilet and handwash stations, includes pumping, cleaned with disinfectant, and restocked with paper products.
4. Soap and paper towels for handwash station provided by vendor
5. Proper PPE while working on-site to prevent the spread of virus
6. Possible staking down of toilet units depending on weather conditions
7. Potable water for handwash stations to be provided by vendor
8. <https://www.documentcloud.org/documents/25475928-blm-rookies-portable-toilets-2024/>

### **BLM, SEAT base, Single Engine Air Tankers, NV, 2024**

1. 2 to 6 portable toilets available
2. 1 portable toilets must be handicap accessible
3. 1 to 3 handwash stations available
4. Pumping service during timeframe of need, minimum of once per week. Up to 3x weekly visits if high staffing levels require additional servicing.
5. Handwash station service during timeframe of need.
6. Sanitary paper supplied by vendor.

7. Soap and paper towels for handwash station provided by vendor.
8. Toilet units must be staked down or secured to prevent movement or tipping in wind or from aircraft propeller blast.
9. Proper COVID 19 disinfecting of units for cleaning and servicing visits.
10. <https://www.documentcloud.org/documents/25475933-blm-seat-base-portable-toilets-2024/>

#### **BLM Red Rock Canyon, NV, 2024**

1. Up to ten (10) portable toilet units and two (2) ADA compliant or friendly units delivered on the first day. More may be requested at a later time.
2. Four (4) hand washing stations and/or sanitizing stations delivered on the first day. More may be requested at a later time.
3. Supplies, such as toilet paper, paper towels, soap and water and timely service of units.
4. Tie downs, staking, and/or other means of securing units against extreme weather. Units must be secured at all times. Winds typically exceed 75 mph.
5. Photos show concrete weights, not stakes
6. Service of units at least twice weekly during the high-use period (October to April) and at least once weekly in less visited months. During times of higher use (holidays, spring) additional service of the units will be needed and negotiated.
7. Chemical Deodorizing Capabilities.
8. non-ADA photo shows urinal
9. <https://www.documentcloud.org/documents/25475062-red-rock/NPS>

### **National Park Service**

#### **NPS Golden Gate, San Francisco, 2024**

1. Portable ADA Toilets and Portable Sink (Hand Wash Stations)...
2. provide a provision (damage waiver) for units to be replaced upon damage or NPS request.
3. Rental will be at a set price and paid out on a monthly basis when a proper invoice is submitted.
4. If rental units are damaged due to regular use, i.e., broken door hinge, broken toilet seat, leaking tank, etc., it is the responsibility of the Contractor to replace the broken feature or replace the unit in a timely manner at no additional cost to the Government. If vandalism of the unit(s) occurs, it is the responsibility of the Contractor to replace the damaged unit(s) in a timely manner at no additional cost to the Government.
5. Units will be serviced/pumped twice weekly on Mondays and Fridays before noon each day...
6. At each pumping, the toilets will be thoroughly cleaned,
7. disinfected, and
8. re-stocked with toilet paper.
9. Toilet seat, grab handles, door handles, and other touch surfaces are to be sanitized.
10. Floor of units will be left free of trash and debris to be considered serviced, and
11. the interiors rinsed as needed.
12. Sinks will be functional with working soap dispensers and paper towels.
13. The Contractor shall perform a maintenance inspection monthly during contract. Such inspection shall be both visual and on-site for restrooms to check for proper cleanliness, operability, supply, general conditions, and reliability.
14. Trash that has been removed from the tank prior to pumping must be disposed of properly and NOT put in the visitor trash receptacles...
15. If NPS determines that there are deficiencies in the performance of this contract, NPS will provide a written or electronic notice to the Contractor to correct the deficiency within a specified time frame. ALL corrective actions must be reviewed and inspected by the COR and approved by NPS CO.
16. <https://www.documentcloud.org/documents/25475944-nps-golden-gate-san-francisco-portable-toilets-2024/>

#### **NPS for Joshua Tree, Riverside County, 2024**

- 2.1 The contractor will supply (4) standard sized portable toilets, (1) ADA compliant portable toilet, and (2) handwash stations at the Cottonwood Visitor Center located in the southern part of Joshua Tree National Park.
- 2.3 The Contractor will provide servicing of all toilets and handwashing stations twice per week on **non-consecutive days, excluding Sundays. An example of an acceptable schedule would be Mondays and Thursdays.**
- 2.4 Servicing will include the pumping of holding tanks, refilling all tanks, replacing toilet paper rolls, replacement of soap in all dispensers located on the units, and ensuring any broken parts of the toilet are repaired or replaced.

- 2.5 A portable toilet deodorizer (porta-pak or similar) will be utilized in all portable toilet tanks.
- 2.6 Park Staff will conduct additional sprays and replenishment of toilet paper in the interior of the portable toilets if it is determined that due to the number of visitors the cleanliness of the toilets becomes degraded.
- 2.7 Any additional toilet paper that is placed by park staff will come from park stocks on hand and will not be requested from the contractor.
- 2.8 Park staff will tie porta john in place with stakes and cargo straps to ensure toilets are not blown over during times of heavy winds.

<https://www.documentcloud.org/documents/25475539-joshua-tree-portable-toilets-2024/>

#### **NPS for Zion National Park, UT, 2024**

- 0) serviced 2 times per day. Initial services will be scheduled for 11:00am and 7:00pm each day. Each service will be a complete service to include cleaning, pumping, and stocking all supplies associated with portable toilet. This schedule may be adjusted according to visitation.
- 1) Furnish all labor, materials, and supplies to maintain portable toilets in a safe operating condition and in accordance with the following specifications. Skilled, trained personnel shall be used by the awardee of this contract and supervised by the contractor...
- 3) Graffiti or other surface markings will be removed within 24 hours...
- 5) Interior surfaces will be wiped down and sanitized with a disinfectant cleaning product with every service...
- 7) Units will be equipped with wall mounted waterless hand soap dispensers which will be adequately stocked with each service...
- 9) Damaged or deficient units will be repaired or replaced within 24 hours...
- 11) Contractor will provide a record of servicing and quantity of use throughout the contract...
- 13) Contractor will provide a Safety Plan for all operations and a Spill Plan to be reviewed by Park Safety Officer.
- 14) Report any conditions requiring work outside the scope of this contract to the Park COR...
- 16) All units will be the same color and style.

<https://www.documentcloud.org/documents/25475208-zion-2024/>

#### **NPS Carlsbad Caverns, NM, 2024**

Vendor will deliver and provide daily cleaning service for

1. Twelve (12) Standard Size portable chemical toilet units, and
2. Three (3) ADA accessible portable chemical units, for six (6) days per week, (daily except Wednesdays), for each month, for an estimated four (4) months, or an estimated 104 days.
3. Each unit shall be supplied with hand sanitizer dispenser or hand sanitizer apparatus, (to be filled each day of service),
4. toilet tissue paper, filling each toilet dispensers daily and ensuring two new rolls of toilet paper each day...
5. Vendor services will include full daily cleansing and servicing which meets industry standards, (Except on Wednesdays),
6. pumping and replacement of the necessary sanitary chemicals in each of the units,
7. refilling of toilet paper and hand sanitizer dispensers, and
8. general cleaning. \*\*\*NOTE\*\*\* The cleaning process cannot allow water or cleanser to be spilled onto the ground or outside of the structure due to the risk of chemicals or unsanitary water entering the cave...
9. **Quality Assurance Requirement** - The contractor shall develop and maintain a quality program to ensure services are performed in accordance with commonly accepted commercial practices...
10. The government will periodically evaluate the contractor's performance in accordance with the statement of work.
11. The contractor is to ensure proper securing, stake down into asphalt of each of the toilets with the ability to withstand strong winds in excess of Sixty (60) miles per hour at times.
12. After completion of contract, contractor will restore asphalt to original state.
13. <https://www.documentcloud.org/documents/25475941-nps-carlsbad-caverns-nm-portable-toilets-2024/>

#### **NPS Mount Rainier, WA, 2024**

Portable Toilet Specifications: Portable toilets shall

1. be made with a **HIGH-DENSITY POLYETHYLENE** construction which are impervious to moisture,
2. have urinals securely fastened to the tank or structure,
3. have adequate drain flow,
4. be of the non-flush type,
5. skid mounted, and
6. shall have a toilet seat,
7. a toilet paper holder designed for that purpose,
8. screened ventilation,

9. an outside door handle, and
10. an inside locking door latch...
11. in serviceable condition, without holes or chemical leaks, of a material having a nonabsorbent finish, and
12. the doors, hinges, and latches shall operate as intended.
13. **COLLAPSIBLE WOOD, FIBERGLASS AND TOILETS WITH OPEN GRID FLOORING ARE NOT ACCEPTABLE.**
14. Contractor shall ensure that all portable toilet stations are **STAKED OR TIED DOWN** to prevent spillage or being tipped over during high windstorms. Placement of sandbags, to include inside or on top of, to secure the toilets is **NOT ACCEPTABLE.**
15. Contractor shall ensure portable toilets are not placed within 20 feet of any storm channel or natural wash. Material safety data sheets shall be delivered for all equipment and chemicals as required by local, state, and federal laws...
16. 4.3.1. The contractor shall restock supplies, when toilets are serviced, with adequate items to maintain the inventory of supplies between servicing. A minimum of two (2) rolls of toilet paper shall be placed in toilets, provide an odorless disinfectant and maintain fluid...
17. All dirt, mud, dust, markings, and graffiti shall be removed from the interior and exterior of the toilets.
18. When it appears to the contractor that damages to a unit are due to deliberate and extensive abuse by government personnel, the contractor shall contact the COR to arrange a joint inspection prior to commencing repairs...
19. 4.3.4.1. Any required repairs or replacement of equipment, including but not limited to urinals, latches, hinges, toilet paper dispensers, and toilet seats shall be made within 24 hours after notice by the COR or CO.
20. In the event the toilet is leaking, the toilet shall be removed from service immediately.
21. 4.3.5. The contractor shall provide emergency deliveries within 48 hrs. after call/email.
22. <https://www.documentcloud.org/documents/25475934-mount-rainier-wa-portable-toilets-2024/>

#### **NPS Chesapeake & Ohio Canal, MD**

- a. Removal of all trash, refuse, debris, and/or any foreign materials within the portable toilets; all materials must be disposed of off park property.
  - b. Power wash or hose out the interior of the portable toilet.
  - c. Interior surfaces are required to be cleaned/sanitized.
  - d. Re-stocking toilet paper holders and deodorizing as necessary.
  - e. The holding tank is required to be pumped out and a minimum of 10 gallons of chemical/water mixture will be added for portable toilets.
  - f. Inspect the condition of all portable toilets and report any required repairs to the COR.
  - g. Keep visible service log stickers/sheets within the structure at all times.
- <https://www.documentcloud.org/documents/25475936-nps-chesapeakeohio-canal-md-portable-toilets-2024/>

#### **NPS, Steamtown, PA, 2024**

1. Provide Portable Toilets and Hand Wash station at up to five sites for one to twelve months in 2024 and 2025.
2. At least one or more handicapped accessible toilet shall be at each location...
3. Contractor shall clean and service the facilities once per week prior to the weekends, or as shall be arranged upon advanced notification.
4. At least one Portable Toilet at each location shall be handicapped accessible.
5. Move the Portable Toilets and Hand Wash Stations to alternate locations at the same site upon advanced notification without added charge.
6. Includes questionnaires about experience & approach.
7. <https://www.documentcloud.org/documents/25475946-nps-steamtown-pa-portable-toilets-2024/>

## **USDA Forest Service**

#### **US Forest Service toilets for fires, 2024**

Furnish

1. standard size,
2. industrial quality portable toilets and
3. provide associated supplies and sanitary services.
4. Portable units must meet all applicable federal, state, and local codes.
5. Wheelchair accessible units must meet all appropriate accessibility standards.
6. All units shall arrive and be maintained in a clean and serviceable condition. In a serviceable condition means the toilet is ready to use...

7. Units shall include a wall mounted urinal,
8. a bench style toilet with seat and cover, and
9. hand sanitizer dispenser.
10. All units shall contain a multi-roll lockable toilet paper dispenser which shall be filled on every service visit.
11. Units shall provide separate and sufficient ventilation to both the unit and the waste reservoir.
12. All units must contain a waste reservoir with a minimum capacity of 45 gallons...
13. Holding tank shall be a minimum of 30 gallons for the accessible units.

D.2.1.2 -- Handwashing Stations.

- (1) two basins with one foot-operated pump per basin
- (2) a large basin with two spigots is acceptable if there is one foot-operated pump per spigot.
- (3) tank capacity shall hold not less than 20 gallons of potable water and 20 gallons of gray water
- (4) all freshwater tanks shall be sealed for personal hygiene
- (5) snap in gray water bladder bags are not acceptable
- (6) one soap dispenser and one paper towel dispenser for every two basins
- (7) paper towel dispenser filled with the appropriate towels for the unit

<https://www.documentcloud.org/documents/25467936-forestservice2024onboarding-package/>

[https://www.usaspending.gov/award/CONT\\_IDV\\_1202RZ22T0062\\_12C2](https://www.usaspending.gov/award/CONT_IDV_1202RZ22T0062_12C2)

[www.highergov.com/contract-opportunity/1202rz22q0002-i-bpa-incident-blanket-purchase-a-1202rz22q0002-o-25a19/](http://www.highergov.com/contract-opportunity/1202rz22q0002-i-bpa-incident-blanket-purchase-a-1202rz22q0002-o-25a19/)

Specifications, 2019, about the same as 2024 above  
[https://www.fs.usda.gov/Internet/FSE\\_DOCUMENTS/fseprd682985.pdf](https://www.fs.usda.gov/Internet/FSE_DOCUMENTS/fseprd682985.pdf)

**USDA Sequoia National Forest, 2021**

1. versatile portable toilet which can accommodate for high traffic - easy to service and clean -
2. at least 60 gallons -
3. have a urinal as well as a seated toilet area -
4. have a solid door jam to withstand high impact from heavy winds -
5. have a door handle which locks for the safety of our visitors -
6. have a toilet paper dispenser that locks -
7. neutral color to blend in forest setting (dark green or brown preferred)
8. <https://www.highergov.com/contract-opportunity/portable-toilets-purchase-rfq1498842-o-f2996/>

**USDA Angeles National Forest**

1. Regular and accessible standard single units
2. Color: Tan, Blue, or Forest Green (All units must be the same color)
3. Interior service shall consist of
  - a. pumping toilet's vault;
  - b. sweeping interior floors;
  - c. removing waste paper and debris from all surfaces;
  - d. washing interior fixtures, walls and floor with water and disinfectant soap;
  - e. restocking with seat covers, toilet paper and service date stamp (provided by the contractor);
  - f. repairing seats, fixtures, springs, hinges and latches to a serviceable condition.
4. repairs and replacement of broken, inoperable or unsafe portable restroom components and security anchors; roof leaks and ventilation systems. If a unit becomes irreparable as determined by the agency the contractor shall replace the unit within one (1) week of notification at the rate specified
5. <https://www.documentcloud.org/documents/25482321-usda-angeles/>

**USDA San Bernardino National Forest, 2024**

1. portable restroom rental and servicing
2. furnish all equipment, supplies, water, chemicals, incidentals, transportation, labor, and supervision necessary to
  - a. pump,
  - b. wash down,
  - c. inspect,
  - d. clean, and
  - e. disinfect toilet buildings (interiors and exteriors), and
  - f. legally haul and dispose of effluents at an approved wastewater treatment facility and debris in accordance with State and Federal regulations and the contract specifications contained herein.

3. Contractor will need to have service vehicles that can travel on snow and/or ice-covered roads. Tire chains may also be needed and/or required by California Highway Patrol during these periods.
4. Contractor shall have one or more individuals on-site who are capable of effective communicating in the English language.
5. Portable toilet servicing shall follow these standard procedures:
  - a. • All holding tanks for waste products in the portable toilet units shall be completely emptied and all waste removed. Tanks shall be thoroughly cleaned and disinfected with an approved disinfectant.
  - b. • Holding tank shall be recharged with clean water and biodegradable (earth-friendly) deodorizer solution, which shall be mixed in sufficient quantities to provide odorless operation during usage.
  - c. • Water holding tank shall be emptied and the clean water storage tanks for portable toilet units shall be cleaned as necessary to prevent algae and mold growth and refilled to capacity with potable water.
  - d. • Wastepaper receptacles shall be emptied and cleaned.
  - e. • The inside of all units shall be thoroughly washed, scrubbed, brushed, rinsed, and wiped dry. This operation shall include the top and bottoms of seats and seat covers, all walls, floors, doors, tops of all tanks, all grab bars and sinks if provided in the unit. No disinfectant, water or other liquids shall be left on any touchable surface.
  - f. • The outside of the units shall be scrubbed or hosed down and wiped clean.
  - g. • Interior will be sprayed with a biodegradable (earth-friendly) deodorizer.
  - h. • Hand sanitizer/soap and paper towels will be replenished and restocked.
  - i. • Re-stock toilet paper. There must be a minimum of two (2) 1/2 rolls at the time toilets are to be serviced.
  - j. • Each unit shall be available for immediate use after each pumping and final cleanup.
  - k. make note of any readily observable damage or deterioration with the condition of the portable toilet unit and report those back to the COR. This includes, but is not limited to:
    - i. o damaged/deterioration of the exterior (example, cracks in walls, door hinges and locks, etc.).
    - ii. o Damaged or missing interior parts and fixtures (example, toilet paper holder, toilet seat, hand sanitizer dispenser, door locking mechanism, etc.).
    - iii. o Spills – of any kind, waste or chemical will be cleaned immediately at the expense of the Contractor. There shall be no trace of toilet chemicals on or around the area of the portable toilets.
6. work within proper safety standards, practices and
7. wear proper safety equipment required for each specific job, including appropriate safety equipment and protocols based on industry standards.
8. **USE OF BIO-BASED PRODUCTS** The contractor must comply with section 9002 of the Farm Security and Rural Investment Act of 2002 (FSRIA), Executive Order (EO) 13423, “Strengthening Federal Environmental, Energy, and Transportation Management,” and the Federal Acquisition Regulation to provide bio-based products. The Contractor shall utilize products and materials made from bio-based materials (e.g., bio-based greases, hydraulic fluids, and absorbents) to the maximum extent possible without jeopardizing the intended end use or detracting from the overall quality delivered to the end user. All supplies and materials shall be of a type and quality that conform to applicable Federal specifications and standards. All supplies and materials to be used in the performance of work described herein are subject to the approval of the COR.
9. The following is a list of products that may be used in this contract for toilet pumping services for which bio-based products are available. The list is not all inclusive. It is desirable that vendors be able to supply the greatest number of bio-based products listed meeting the health and environmental specification.
  - a. Citrus Deodorizer
  - b. Disinfectant
  - c. Bio-based products that are designated for preferred procurement under USDA’s Bio Preferred program must meet the required minimum bio-based content as stated in the USDA Final Rule available at [www.biopreferred.gov](http://www.biopreferred.gov). The Contractor should provide date [sic] for their bio-based products such as bio-based content. In addition to the bio-based products designated by the USDA in the Bio Preferred Program, the Contractor is encouraged to use other bio-based products. The Contractor shall submit with the initial quote a complete list of bio-based products, indicating the name of the manufacturer, cost of each material, and the intended use of each of the materials that are to be used in carrying out the requirement of the contract. Additionally, the successful Contractor(s) on each anniversary date of the contract shall compile a complete list of bio-based products, including the information above, purchased to carry out the contract requirements. The Contractor shall list volume to be used and total cost for each individual product. This information will be used for reporting purposes.
  - d. The Contractor shall comply with the provision at FAR 52.233-1 Bio-based Product Certification.
  - e. The Contractor shall comply with the clause at FAR 52.223-2, Affirmative Procurement of Biobased Products Under Service and Construction Contracts.



10. LANDSCAPE PRESERVATION, The Contractor shall confine operations to within the clearing limits or other areas designated in contract documents.
11. Operation shall be scheduled and conducted to minimize erosion of soils and to prevent silting and muddying of streams, rivers, irrigation systems, and impoundments. (Lakes, reservoirs, etc.).
12. Pollutants such as fuels, lubricants, bitumen, raw sewage, and other harmful materials shall not be discharged into or near rivers, streams, and impoundments or into natural or manmade channels leading thereto.
13. Wash water or wastewater from sewage operations shall not be allowed to enter live streams.
14. <https://www.documentcloud.org/documents/25482322-usda-forest-service-san-bernardino/>

## Other Federal

### ***Bureau of Reclamation, N California, 2024***

1. provide flushing portable toilets with a closed holding tank system. The portable toilet shall be equipped with an
2. inside mounted wash sink, and
3. urinal.
4. servicing shall be performed weekly at a minimum, with no more than a day deviation between the weekly servicing.:
5. 1) Servicing shall include
  - a. 2) Clean the inside of each toilet and vault such that the toilets and vaults are free of litter, mud, feces, loose paper, spiderwebs, and other debris.
  - b. Keep the exterior clean of spiderwebs, dirt build-up, and other debris.
  - c. 3) Thoroughly wash the inside with a disinfectant having a minimum 90% germ and bacterial kill such that the walls are sanitized and free of visible foreign materials.
  - d. 4) Refill toilet paper dispensers and seat covers
  - e. 5) Deodorize the interior of the toilet with a fragrant deodorizer after disinfecting such that the fragrance will last for several days.
  - f. 6) The Contractor shall pump and recharge portable toilet tanks with the industry standard water mixed with an appropriate amount of a fragrant deodorant chemical to ensure the fragrance will last several days.
6. Cleanup: The Contractor is responsible for any spills that occur during the pumping process. These spills shall be immediately cleaned to leave the surrounding area of the spill contaminant free.
7. <https://www.documentcloud.org/documents/25482323-bureau-of-reclamation-n-ca/>

### ***Bureau of Reclamation, Folsom Dam, 2024***

1. Provide standard restroom with containment tray and a hand wash sink shall include the following:
2. • Urinal & toilet
3. • In-use indicator and door latch
4. • Sanitary seat covers
5. • Two-roll toilet paper dispensers
6. • Hand sanitizer dispenser
7. • Coat hook
8. • Translucent roof panel for optimum lighting
9. • Hand soap dispenser
10. • Paper towels
11. • Water in hand washing reservoir
12. Cleaning services:
  - a. Waste removal,
  - b. monthly interval.
13. <https://www.documentcloud.org/documents/25482319-bureau-of-reclamation-folsom-dam/>

### ***DOE Western Area Power Administration, 2024***

1. Provide the latest model deluxe wheelchair accessible portable toilets with handwashing station that are designed for placement at outside/remote locations.
2. To discourage use by unauthorized personnel, all toilet facilities will have a metal hasp or other means affixed to secure the door. Hasp will be metal on metal; metal eye securing a plastic door is not acceptable. Combination or keyed locks will be provided by the government
3. Provide material safety data sheets for all chemicals/products to be used on the project.
4. Provide and maintain a written up-to-date service log in each toilet that documents date/initials of personnel performing maintenance servicing.

5. provide weekly cleaning/refilling/service/resupply (toilet paper, paper towels, soap, water) to both toilet and sink (hand wash).
6. Maintain all parts of the toilets/hand wash in working order at all times to include, but not limited to, doors/springs, hasps, hinges, toilet paper/paper towel dispensers/holders, pumps, seats, etc.
7. <https://www.documentcloud.org/documents/25482325-wapa-sc/>

#### **US Wildlife refuge, Don Edwards, 2024**

1. provide portable toilets,
2. sufficient paper capacity to coincide with standard cleaning schedule for replenishment.
3. ADA units are to be compliant with the Americans with Disabilities Act.
4. Must be staked down due to potential high winds.
5. Must be cleaned one time per week.
6. set up, secure and ensure the unit is serviceable and operable to accepted retail standards.
7. <https://www.documentcloud.org/documents/25482320-us-wildlife-don-edwards/>

#### **US Army Sierra Depot, 2024**

1. portable chemical toilets (standard, ADA and trailer mounted) as well as portable hand wash stations.
2. servicing and maintenance of all rented units per industry standards, to include the complete removal of all debris and biological waste,
3. Full cleaning and sanitation, and
4. complete replenishment of all related supplies.
5. minimum of twice a week.
6. maintain copies of Safety Data Sheets for all hazardous materials used and stored on-site during performance of the contract. Contractor shall not supply or deliver any hazardous materials or chemicals to an installation that are listed on EPA toxic chemical list (33/50 Program - AKA 17 List) without prior written approval from DGR and/or COR.
7. perform, track, participate, implement, and comply with storm water pollution prevention minimum control measures, protocols, and best management practices (BMP) and ensure that water quality standards are not violated
8. adopt the installation's Spill Prevention Control and Countermeasures Plan (SPCC) if transporting, processing, storing, or in any way managing hazardous waste, hazardous material, petroleum-oils-lubricants, or other restricted items. In case of a spill, the person in control of the spill site or their designated representative shall take appropriate action to protect workers and bystanders; contain the spill (if it can be done safely); secure the spill site; restrict ignition sources; and immediately contact the installation Fire and Emergency Services (Fire Department)
9. <https://www.documentcloud.org/documents/25482326-usarmy-sierra/>

#### **US Army Presidio, 2024**

1. Contractor is responsible for providing all information and forms required to obtain a DBIDS identification card for its permanent personnel entering the Presidio of Monterey.
2. Contractor personnel's conduct shall not reflect discredit upon the Government. The Contractor shall ensure that personnel present a professional appearance. The Contractor's employees shall observe and comply with all local policies and procedures concerning fire, safety, environmental protection, sanitation, security, and possession of firearms or other lethal or illegal weapons or substance.
3. Contractor employees must avoid being improperly influenced in the execution of their duties under the contract. Particular attention should be paid to acceptance of gifts/ gratuities, and on non-disclosure of sensitive or classified information.
4. All contractor employees are required to complete the AT/OPSEC Training. The training may be accessed at <http://cdsetrain.dtic.mil/opsec/>
5. Cybersecurity. AT Level I Training: All Contractor employees, to include Subcontractor employees, requiring access to Army installations, facilities and controlled access areas shall complete AT Level I awareness training ... available at the following website: [jko.jten.mil](http://jko.jten.mil).
6. local developed training will be used to inform employees of the types of behavior to watch for and instruct employees to report suspicious activity to the COR.
7. contractor shall perform work in a safe manner as required by OSHA Safety and Health Requirements.
8. Provide a verbal notification to the KO as soon as possible of each occurrence of damage to Government property or an accident resulting in death, injury, occupational disease, or adverse environmental impact. Provide a completed copy of required Accident Investigation Reports to the KO within five calendar days of each occurrence.



9. portable latrines shall be leak resistance and in serviceable condition upon placement at designated locations.
10. All portable latrines shall be balanced, stabilized, and securely anchored to prevent latrines from tilting or falling due to wind gusts or accidental force.
11. ensure that all portable latrines are operational and acceptable. Contractor shall be responsible for replacing damaged or unserviceable portable latrines.
12. organic and liquid waste matter shall be completely removed from portable toilets and hand wash station harpers during time of servicing. Contractor shall wash and disinfect all plumbing components inside each portable latrine.
13. All interior surfaces to include, but not limited to, door handles, latches, locking devices and plumbing components of each portable latrine shall be thoroughly cleaned with a soluble cleaning solution and disinfectant.
14. Toilets shall be filled with a sufficient level of deodorizer that will eliminate the presence of methane gases and other undesirable odors between services.
15. At the time if service, exterior structure of each portable latrine shall be free of dirt accumulation, cobwebs, hand prints, grease, stains, and smudges.
16. insure that sufficient paper products such as toilet paper, paper towel and toilet seat covers are adequately stocked for sufficient supplies between services.
17. Toilet paper shall be white 2-ply sheets and
18. paper towels shall be of industrial strength.
19. Hand wash stations shall be supplied with an antimicrobial soap and
20. water dispensers shall be filled with enough water to provide sufficient hand washing between services.
21. <https://www.documentcloud.org/documents/25482324-sf-presidio/>

#### **Mountain Warfare training Center, 2021**

1. 2 Station Portable Restroom Trailer Each station shall contain a
  - a. urinal (porcelain),
  - b. Elongated toilet (porcelain) tank style and
  - c. stainless sink bowl with faucet.
2. Each trailer shall have a
  - a. 12 volt battery
  - b. interior lighting.
  - c. solar panel to charge the battery.
  - d. 30 amp standard fuse panel and
  - e. 30 amp RV style cord.
  - f. hot water heater that must be electric (110V vice 220V).
  - g. tank monitoring panel.
  - h. water pressurization system
  - i. low point drain on the fresh water system.
  - j. fresh/potable water tank (100) that shall have a standard RV filling port and a city water connection.
  - k. black water tank (300 gal) With standard RV style discharge manual valve system.
  - l. electric tank heaters.
3. Each trailer shall be
  - a. 4 season compliant from -20 degrees farenheit to 90 degrees farenheit.
  - b. equipped with an electric air conditioner and heater.
  - c. tandem axle with 3500 pounds capacity per axle (torsion axles preferred)
  - d. equipped with electric brake system at all four wheels.
  - e. Department of Transportation compliant.
4. <https://www.documentcloud.org/documents/25483269-mntn-war/>

#### **Army Gray Eagle, 2018**

1. three 10-stall portable restroom trailers, herein referred to as "unit/s," to support approximately two hundred (200) personnel assigned to the U.S. Army's Gray Eagle Test Program scheduled to be conducted from 01 June through 31 August 2018 at AFP 42, Palmdale, CA.
2. Each 10-stall (10-station) unit shall be comprised of separate men's and women's suites capable of accommodating the following:
  - a. three (3) toilet stalls with privacy doors,
  - b. three (3) urinals with privacy dividers for the men's suite, and
  - c. four (4) toilet stalls with privacy doors for the women's suite.
  - d. The units shall be equipped with sinks to include soap and paper towel dispensers.
  - e. The men's and women's suites shall have separate entry/exit doors and be labeled.

3. deliver and set up the three (3) units, including connecting to water and electrical sources; performing waste pump-out services and maintenance/cleaning; and restocking the units.
4. cleaning and restocking supplies for the units three (3) times per week.
5. Waste pump-outs shall be accomplished three (3) times each week.
6. units shall meet the Portable Sanitation Industry's commercial standard minimum requirements as identified in the Portable Sanitation Association International (PSAI) Guide to Clean Portable Restrooms.
7. units shall meet the American National Standard Institute (ANSI), Non-Sewer Waste-Disposal System for Sanitation (ANSI Z4.3-2005).
8. units shall be in good condition. The roof, sides, and floor shall be free of leaks, cracks, or holes.
9. Each unit shall have a visible service record/log for recording dates when servicing is accomplished.
10. Holding tank(s) shall be watertight and free of leaks.
11. units shall be well-ventilated to minimize odors.
12. units shall have a spring-loaded door-closing mechanism (or similar device) attached to each entry/exit door that will close the door when released. The door shall have sufficient tension placed on it to prevent wind from blowing it open.
13. provide slip-prevention mats and/or steps at each entry/exit door, as necessary to ensure safe and easy access to the units.
14. level and secure each unit to withstand wind velocities up to 70 miles per hour (MPH).
15. connect the local water source
16. stock paper goods and soap, place trash bags into the trash receptacles, and test each toilet and sink for proper functionality.
17. provide waste pump-out services,
18. clean the units, and
19. restock all three (3) units, three (3) times each week.
20. provide and replenish sanitary chemicals in the toilets after pumping to minimize odors and break down waste.
21. provide and restock necessary paper products (toilet paper, toilet seat covers, and paper towels) as well as hand soap and applicable dispensers for each product.
22. provide cleaning supplies, trash receptacles, trash bags, and sanitary product receptacles.
23. pick up all debris and
24. clean and sanitize the floors, toilets, sinks, and associated surfaces.
25. empty trash containers and replace trash bags in each receptacle.
26. <https://www.documentcloud.org/documents/25483272-army-grav-eagle/>

#### **Naval Base Coronado, 2020**

1. Deliver, set-up, rental, servicing, and removal of VIP chemical toilets and wash Station.
2. Provide and replenish the following supplies with each service:
  - a. o Toilet Paper
  - b. o Paper Towels
  - c. o Hand Soap
  - d. o Toilet Seat Covers
3. fully enclosed porta potty units shall have at a minimum:
  - a. containment pan,
  - b. toilet seat with lid,
  - c. door lock with 'in use' indicator,
  - d. toilet paper dispenser with the capability to hold a minimum of two rolls,
  - e. fresh water sink,
  - f. hand soap dispenser,
  - g. and paper towel dispenser.
4. The hand wash station shall have at least a minimum: two stations for two individuals to wash and dry hands simultaneously. The unit shall have: two soap dispensers, two fresh water faucets and two paper towel dispensers.
5. <https://www.documentcloud.org/documents/25483273-coronado/>

#### **Point Loma Naval Base, 2022**

1. Portable Chemical Toilets Each unit must be equipped with one (1) toilet,
2. one (1) urinal with urinal cake,
3. one (1) toilet paper dispenser,
4. one (1) hand sanitizer dispenser, and
5. one (1) containment pan.
6. numbering system to uniquely identify each individual portable chemical toilet

7. serviced (3) times per week by vendor. Service includes:
  - a. Sanitizing/cleaning/deodorizing/decalcifying each Portable Chemical Toilet;
  - b. Restocking each Portable Chemical Toilet's toilet paper dispenser(s) and hand sanitizer dispenser(s).
  - c. Draining, removing, and disposing of wastes at industry-approved waste disposal facilities.
  - d. Maintenance Service Decals are to be filled out by Vendor Personnel upon completion of each maintenance service (3x/week), and shall include date, time, and Service Technician's signature or initials
8. Unit shall be equipped with Pad eyes / lifting eyes to be lifted by overhead crane.
9. Take additional necessary steps to prevent calcium build-up and control odor if tri-weekly services are insufficient to achieve cleanliness, as defined by COR surveillance for the portable unit.
10. Replace portable unit when actions ... fail to achieve/maintain cleanliness levels as notified by the contracting officer. In the event that the contracting officer determines sanitation standards are not being met, the vendor will receive formal notification of the issue. Portsmouth Naval Shipyard will work with the vendor to resolve the issue.
11. Drain, sanitize, clean waste tank and sides to remove residual waste stuck to unit, remove, and dispose of wastes at industry-approved waste disposal facilities
12. Documentation will be located within a water proof case affixed to each machine. Minimally, the documentation shall consist of:
  - a. Lifting & Handling the equipment with its padeye(s) Certification
  - b. Points of contact with telephone numbers for requesting emergency
13. <https://www.documentcloud.org/documents/25483270-point-loma-naval/>

### **March Air Reserve Base Airshow, 2023**

1. (250) Standard Porta-Potties
2. (60) ADA Compliant Portable Toilets
3. (62) Dual-Use Portable Hand Wash Stations
4. (6) Deluxe Porta-Potties with combined sink
5. provide serviceable portable toilets and hand wash stations that are neat, clean, and professional appearance, free of unpleasant odors, dirt, debris, and pests.
6. Cleaning should include through washing with water and soap or detergents.
7. supplied to include, but not limited to: toilet paper, seat covers, waterless hand sanitizer, soap, water, paper towels, etc.
8. Contractor is responsible for immediately cleaning up any spills, debris, etc.
9. provide an on-site attendant to be present on **Saturday and Sunday**, April 22-23, 2023, between the hours of 8:30am and 5:30pm to check toilets and hand wash stations, provide spot cleaning, replenish supplies, lock any unit found to be unusable, and replace or service as necessary.
10. Contractor will clean-up and remove portable toilets and hand wash stations on Monday, April 24, 2023, between the hours of 7:30am and 4:30pm.
11. <https://www.documentcloud.org/documents/25483274-march-arb-airshow/>

## **Hybrid Toilets with Squat Option**

People often avoid portable toilets, because they don't want to sit on the seat. Construction & farm workers, wildland firefighters, and others at remote worksites can't avoid them, except by polluting the ground and crops. The easiest way to keep toilets cleaner, is to offer wipes and a trash can inside each unit, and a hook for purse and clothes. However many people hesitate to sit on the seat even after wiping it. They might be more willing to squat on footrests.

To be accepted in the US market, any alternative needs to look like other portable toilets. Many of these have the toilet hole in the middle of a bench. The bench stores the waste. There is room to put foot positions on either side of the hole. It can still be used as a sitdown toilet if the seat is made wide enough to cover the foot positions when the seat is down. It needs steps and enough stiffness in the bench to take full weight, and an instruction poster, [bigtinyworld.com/japanese-squat-toilets/#how-to-use-a-squat-toilet-properly](http://bigtinyworld.com/japanese-squat-toilets/#how-to-use-a-squat-toilet-properly) . Traditionally feet are horizontal, but some see benefits to toes 2 inches lower than heels, [strengthresurgence.com/squat-wedges-benefits/#terminology-a-quick-note](http://strengthresurgence.com/squat-wedges-benefits/#terminology-a-quick-note)

The easiest market would be repeat users who find it worthwhile to learn its use, such as farm, construction and remote workers. US vendors already have many variations of sit-down portable toilets, so economies of scale in plastic molding must not be a barrier.

[Wudumate](#) (UK) and [Jabra](#) (CN) offer very similar *permanent* hybrid toilets for both squatting and sitting. [Alibaba](#) and [Toppla](#) offer *portable* squat toilets, not hybrid.

## U-shaped, open front, or split toilet seat

**This Is Why Public Toilet Seats Are Shaped like a U**, Readers Digest, Updated: Jan. 19, 2024  
<https://www.rd.com/article/public-toilet-seat-u-shape/>

...This is an open-front toilet seat, and thanks to the [American Standard National Plumbing Code](#), it's the go-to for most public restrooms. This code was created in 1955 and further cemented by the [Uniform Plumbing Code](#) in 1973 by the International Association of Plumbing and Mechanical Officials (IAPMO).

The code states, "Water closets shall be equipped with seats of smooth non-absorbent material. All seats of water closets provided for public use shall be of the open-front type."

The rationale for both of these rules comes down to hygiene. With an open front, there's less surface area that can make incidental contact with your nether regions. But what about the [toilet seat covers](#) you can use? Unfortunately, those don't offer as much [protection against germs as you think they do](#).

They were also designed with women in mind, according to Lynne Simick, the senior director of code development at IAPMO. The gap in the seat is designed to "allow women to wipe the perineal area after using the toilet without contacting the seat," [she tells Slate](#). Simick notes that the design also benefits men. She says an open-front seat "eliminates an area that could be contaminated with urine" and also "eliminates the user's genital contact with the seat."

Based on original article:

<https://slate.com/culture/2013/04/toilet-seats-u-shaped-in-public-o-shaped-at-home-why-photo.html>

October 2024 article: <https://fox4kc.com/news/national/what-is-the-purpose-of-an-open-front-toilet-seat/>

Uniform Plumbing Code section 411.3, Int'l Assoc of Plumbing & Mechanical Officials (IAPMO), "Seats, for public use, shall be of the elongated type and either of the open front type or have an automatic seat cover dispenser."

- Uniform: page 33 (p.70 of pdf), <https://epubs.iapmo.org/2024/UPC/>
- California: page 64 (p.111 of pdf) <https://epubs.iapmo.org/2022/CPC/>