



Contra Costa Environmental Health  
2120 Diamond Blvd., Suite 200  
Concord, CA 94520  
Phone: (925) 692-2500  
Fax: (925) 692-2504  
www.cchealth.org/eh/

## SEPTIC SYSTEM INSTALLATION CHECKLIST

This checklist should not be considered a substitution for familiarity with applicable regulations:

Check YES or NO where applicable. All answers should be YES.

YES      NO

- |                          |                          |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Does installation comply with approved permit and plans?  |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Is septic tank from an approved manufacturer and properly sized?  |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Are all pipes and fittings IAPMO approved and properly sized?   |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Is leachline drain rock : " - 22" in diameter and clean?  |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Is fall of pipe from structure to septic tank at least 3" per foot?   |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Is there a cleanout at the following locations between the structure and septic tank?:  |
| <input type="checkbox"/> | <input type="checkbox"/> | a. between structure and septic tank   |
| <input type="checkbox"/> | <input type="checkbox"/> | b. every 100' of straight pipe   |
| <input type="checkbox"/> | <input type="checkbox"/> | c. at every change of direction exceeding 45°  |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Is soil dry enough for installation (i.e. soil will not form a wire when rolled between the thumb and forefinger)?              |
| <input type="checkbox"/> | <input type="checkbox"/> | 8. Are all pipe and fittings between structure and D-Box ABS or cast iron?   |
| <input type="checkbox"/> | <input type="checkbox"/> | 9. Have smeared leachline trench sidewalls been raked and the loose material removed prior to the placement of drain rock?         |
| <input type="checkbox"/> | <input type="checkbox"/> | 10. Have leachlines been covered with untreated building paper prior to backfilling?   |
| <input type="checkbox"/> | <input type="checkbox"/> | 11. Have all required Environmental Health Division inspections been completed?  |
| <input type="checkbox"/> | <input type="checkbox"/> | a. open trench   |
| <input type="checkbox"/> | <input type="checkbox"/> | b. trench after placement of drain rock and pipe (prior to covering pipe with rock)  |
| <input type="checkbox"/> | <input type="checkbox"/> | c. septic tank and piping  |
| <input type="checkbox"/> | <input type="checkbox"/> | 12. Are there ABS or cast iron sanitary tees in the septic tank?   |
| <input type="checkbox"/> | <input type="checkbox"/> | 13. Are septic tank and D-Box watertight with pipes entering and exiting securely sealed into place?                               |
| <input type="checkbox"/> | <input type="checkbox"/> | 14. Is pipe "downstream" from septic tank level or slightly falling with all pipes at the same level (unless serial distribution)? |
| <input type="checkbox"/> | <input type="checkbox"/> | 15. Is there a 1" drop in the D-Box between the inlet pipe and all outlets?  |
| <input type="checkbox"/> | <input type="checkbox"/> | 16. Is there a 2" drop in the septic tank between the inlet and outlet pipes?  |

Checked by: \_\_\_\_\_ Date(s): \_\_\_\_\_  
(Installer)

Location of job: \_\_\_\_\_

Comments/corrections: