

Septic System Permit Application Check-Off List

All applications submitted to the Environmental Health Division for new, alteration, or replacement septic systems must include the following. Submit these items by e-mail to EnvHealth@co.imperial.ca.us.

- A completed septic system permit application form.
- A site soil percolation report by an engineer.
- An accurate and to scale site plan. Site plans must be by an engineer for non-residential systems.
- A floor plan for residential septic systems, or a plumbing plan for non-residential septic systems.
- Specification sheets for septic system components, such as, the septic tank, septic tank effluent filter, distribution box, and gravel-less chambers (if they will be used).
- A leach field trench profile drawing.
- After submitting the items listed above, please call 442-265-1888 or visit the office to pay permit fee. The permit fee is \$856.00 for new, alteration, or replacement septic systems or \$1,542.00 for non-residential septic systems.

For more detailed information, please visit:

www.icphd.org/environmental-health/land-use

LICENSED SEPTIC CONTRACTORS AND ENGINEERS

DISCLAIMER

The Imperial County Environmental Health Division provides a list of companies as an informational service. Environmental Health and Imperial County accept no responsibility for the performance of the consultants or companies listed and make no representation, either expressed or implied, regarding their competence or expertise.

Septic System Design Engineers

- Landmark Consultants, Inc. 760-370-3000
- The Kuhn Company 760-803-3339
- Nicklaus Engineering, Inc. 928-344-8374
- Yanez Engineering & Construction Mgmt. 760-556-6688

Licensed Septic System Contractors

- Dean's Backhoe & Excavation 760-427-2746
- Hoyt Engineering Inc 760-337-5844
- Cholla Construction 760-791-6582
- J&A Plumbing 760-679-7379

Soil Percolation Testing Engineers

- Landmark Consultants, Inc. 760-370-3000
- The Kuhn Company 760-803-3339
- Yanez Engineering & Construction Mgmt. 760-556-6688

Septic System Certification Contractors

- Dean's Backhoe & Excavation 760-427-2746
- Hoyt Engineering Inc 760-337-5844
- Yanez Engineering & Construction Mgmt. 760-556-6688
- Hega Construction 760-427-8894

Permit Application For Septic System

Property Ownership & Location

Property Owner Name: _____ Phone #: _____

Mailing Address: _____

Street Address / PO Box City State Zip Code

Address of Installation: _____

Street Address Closest City or Town

Assessor's Parcel Number (APN): _____ Property Size: _____ Acres

Community Services

Is this project served with drinking water from a city or community system? Yes ☐ No ☐

Is a community sewer collection main available within 200 feet of the property? Yes ☐ No ☐

Note: Properties having community sewer services available are not eligible for septic system permits.

Residential Use

Single Family Dwelling (SFD): # of Bedrooms in SFD: _____

Multiple Family Dwelling (MFD): # of Family Units: _____ # of Bedrooms Per Unit: _____

Other: _____

Non-Residential Use

Type of Non-residential Use (such as office, mobile home park, RV Park, church, restaurant, factory, etc. Include factors, such as # of employees, # of plumbing fixture units, seating capacity of buildings used for public gatherings or any other factors that influence the daily flow rate into the system:

Please attach plans, specifications, and calculations indicating the maximum daily discharge rate of wastewater.

Note: Engineered plans are required for non-residential projects.

Proposed Septic System Installation or Repair

☐ New System Installation

☐ Existing System Repair or Augmentation

•Septic Tank Capacity (If Proposed): _____ gallons Ground Water Depth: _____ feet

•Disposal Trenches: Width: _____ feet Gravel Depth Below the Pipe: _____ inches

of Trenches: _____ Length of Each Line: _____ feet Total Length: _____ feet

•Disposal Bed: Width: _____ Length: _____ feet # of Title Lines: _____

•Chambers: Length of Each Chamber: _____ feet Width of Chamber: _____ inches

Chambers in Each Trench: _____ # of Trenches: _____ Total # Chambers _____

Brand Name of Chamber: _____ Model: _____

Other work or features? No ☐ Yes ☐ Describe: _____

Note: A site plan and soil percolation report is required to be submitted.

Office Use Only:

Pay Amt.: _____ Pay Date: _____ Pay Type: _____

Rcd. By: _____ S.S. No. _____ B.P. No.: _____

Septic Tank Abandonment or Removal

Please select from the following options:

☐ Tank abandonment in place. Tank's entire top will be removed; tank will be pumped by licensed hauler and receipt retained for verification by inspector; tank will be backfilled up to the level of the outlet pipe with sand or friable earth; after inspection by the department the tank will be backfilled with earth up to native grade.

☐ Tank removal from the ground. Tank will be pumped by licensed hauler and receipt retained for verification by inspector; tank will be removed from ground; excavation remain open for verification by inspector and the tank will remain on the property until after the inspection.

☐ Other method: _____

Note: A site plan must be provided.

NOTICE

- The permit, once issued, does not constitute a system design. It is based solely on the information provided by the applicant and there is no guarantee implied that the system will operate or continue to operate.
- Any changes in the information supplied in this application or in the intended work must be submitted for review and approval prior to commencement of the work.

CERTIFICATION**CONTRACTOR**☐

I certify that this application is accurate, that I have read the above notice statements and I am a contractor licensed in the State of California for the type of work intended.

CONTRACTOR NAME _____ LICENSE NUMBER _____ LICENSE CLASS _____

OR

OWNER or AUTHORIZED AGENT☐

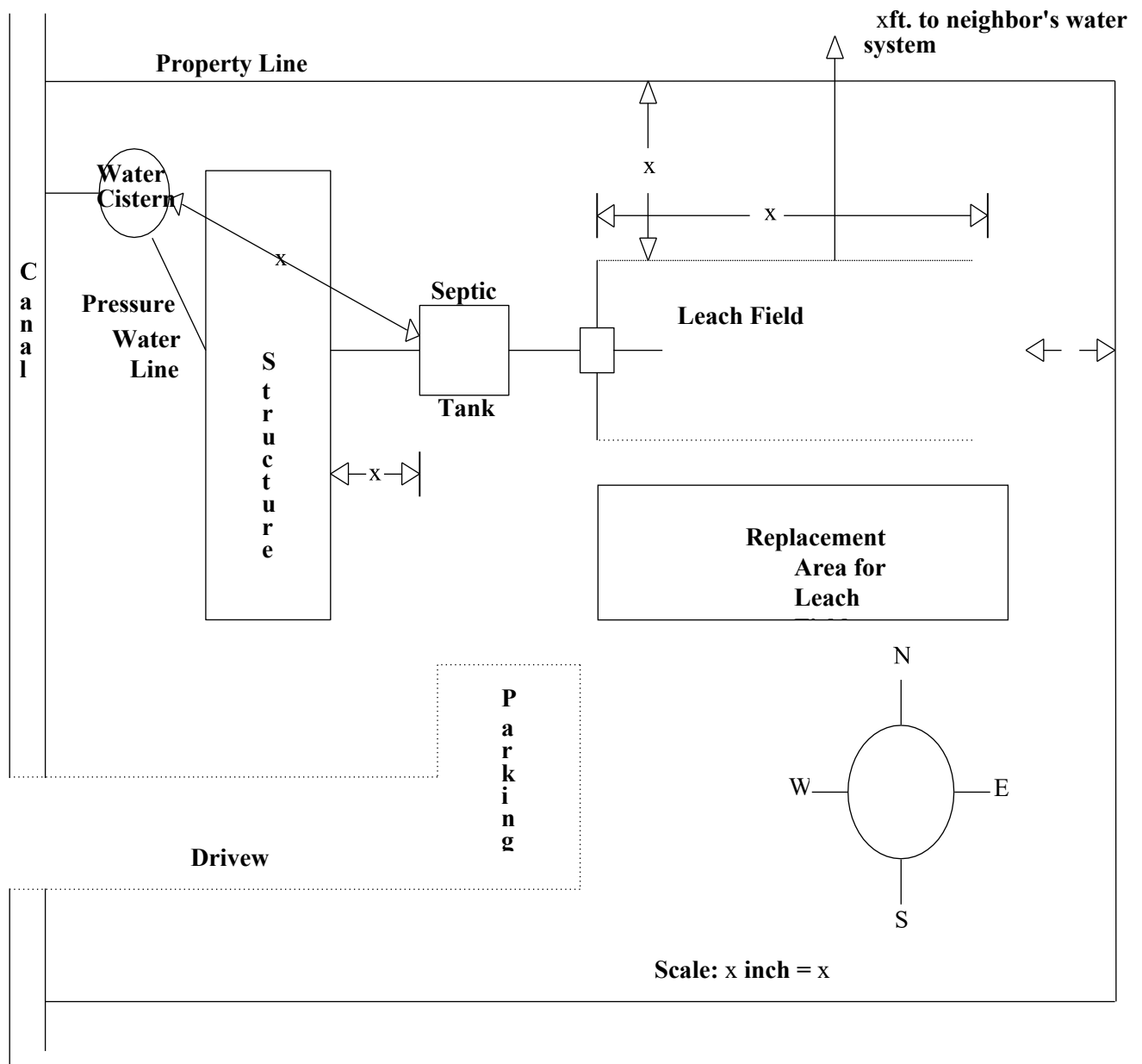
I certify that this application is accurate and that I have read the above notice statements.

I hereby certify that I have read and examined this form and application and all information is true and correct. All laws, ordinances and codes will be complied with whether specified herein or not.

SIGNATURE _____

DATE _____

Example Site Plan



Separations (Setbacks)

Every new onsite wastewater treatment system shall meet the minimum horizontal separations shown in the table below:

Minimum Horizontal Separations (Setbacks)				
Items Requiring Setback	Disposal Field and replacement area	Septic Tank and holding or pump tank, and distribution boxes	Seepage Pit and undocumented OWTS	Building Sewer and non-perforated transport line
Water Supplies				
Private water supply well	100 ft.	50 ft.	150 ft.	50 ft.
Public water supply well	150 ft.	150 ft.	200 ft.	150 ft.
Private water cisterns	50 ft.	50 ft.	50 ft.	50 ft.
Water supply canals	50 ft.	50 ft.	50 ft.	50 ft.
Public water system supply canals (i.e. All-American, Westside Main, Central Main, East Highline)	100 ft.	100 ft.	150 ft.	100 ft.
Properly destroyed well ¹	10 ft.	10 ft.	N/A	N/A
Pressurized public water main	10 ft.	10 ft.	10 ft.	10 ft.
Gravity water supply line	50 ft.	50 ft.	50 ft.	50 ft.
Onsite domestic water service line	5 ft.	5 ft.	5 ft.	1 ft. ²
Surface Water				
Irrigation canals Lined Supply Laterals Unlined Delivery Channel	25 ft. 50 ft.	25 ft. 50 ft.	25 ft. 50 ft.	10 ft. 50 ft.
Surface water ³	100 ft.	50 ft.	100 ft.	50 ft.
Colorado River	200 ft.	200 ft.	200 ft.	100 ft.
Structures				
Building or structures ⁴	8 ft.	5 ft.	8 ft.	2 ft.
Property line or easement ⁵	5 ft.	5 ft.	10 ft.	Clear
Swimming Pool	8 ft.	8 ft.	8 ft.	5 ft.
Drainage ditches and detention basins	50 ft.	50 ft.	50 ft.	10 ft.
Agricultural Tile Lines ⁶	10 ft.	10 ft.	10 ft.	N/A
Trees	10 ft.	10 ft.	10 ft.	N/A
Disposal field	--	5 ft.	10 ft.	5 ft.

Minimum Horizontal Separations (Setbacks)				
Distribution box	5 ft.	5 ft.	5 ft.	--
Down-gradient cuts or banks with at least 5 ft. of undisturbed soil above a restrictive layer due to a structural or textural change ⁷	4x height 50 ft. max	10 ft.	4x height 50 ft. max	N/A

Notes:

¹ Prior to any disposal field being placed within one hundred (100) feet of a well the owner of record shall obtain a well destruction permit from the County and have the well destroyed by a licensed well driller.

² See Section 720.0 of the California Plumbing Code.

³ Measured from the ordinary high-water mark. If surface water is used as a public drinking water supply, the designer shall locate the OWTS outside of the required sanitary control area.

⁴ Including porches and steps, whether covered or uncovered, breezeways, roofed porte cocheres, roofed patios, carports, covered walks, covered driveways, hay storage sheds, and similar structures or appurtenances. The minimum setback from building structures to a drip field may be reduced to two (2) feet.

⁵ See also Section 307.0 of the California Plumbing Code. The Health Officer may require a fifty (50) foot setback to property lines from the OWTS when individual wells are to be installed and the minimum distance between the drain field and wells cannot be assured.

⁶ Tile lines within ten (10) feet of the disposal field shall be cut and capped.

⁷ The item is down gradient when liquid will flow toward it upon encountering a water table or a restrictive layer. The item is upgradient when liquid will flow away from it upon encountering a water table or restrictive layer. The Health Officer may increase the setback to down-gradient cuts or banks with less than five (5) feet of undisturbed soil above a restrictive layer due to a structural or textural change.

Trench Field Profile (Sample)

