



Application for Small Graywater System Variance (<250gpd)

| Section 1: General Information | | | | | | | | | | OFFICIAL USE ONLY | Number: | | |
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| Property Owner Name: | | | Phone: | | Email: | | | Office ID: | | | Application Complete: <input type="checkbox"/> YES <input type="checkbox"/> NO | | |
| Mailing Address (Street/PO Box, City, State, Zip): | | | | | | | | Fee: <input type="checkbox"/> \$100 <input type="checkbox"/> N/A | | | Receipt No: | | |
| System Location: (Street, City, State, Zip): | | | | | Lot Size (acres): | | | | Reviewed by: | | Date: | | |
| Uniform Property Code (Look up your UPC - Bernalillo County): | | | Legal Description: | | | | | | | | | | |
| Well Permit #: | | | Irrigation Well Permit #: | | | | Public Water System Name & Acct: | | | | | | |
| Wastewater Permit #: | | | Composting Toilet Permit #: NSF certification <input type="checkbox"/> YES <input type="checkbox"/> NO | | | | Public Sewer System Name & Acct: | | | | | | |
| Section 2: Design Flow, Hydrology, and Soil Description (Complete section or submit BernCo Graywater Irrigation Field Sizing Worksheet) | | | | | | | | | | | | | |
| A. Wastewater Sources & Design Flow Calculations | | | | | | B. Soil & Hydrology Data (depth to limiting layers) | | | C. Soil Description | | | | |
| Facility | | Units (enter number) | | Flow (gpd) | | Depth from ground surface to: | | Feet | | Type | | AR= | |
| 1. RESIDENTIAL FLOW | <input type="checkbox"/> Single Family Residence A | Bedrooms: | | Flow: | | Seasonal high-water table (OSE Well Log Info) | | | | <input type="checkbox"/> Type Ia: Coarse Sand (or up to 30% gravel) | | 1.25 | |
| | <input type="checkbox"/> Single Family Residence B | Bedrooms: | | Flow: | | Bedrock | | | | <input type="checkbox"/> Type Ib: Medium Sand, Loamy Sand | | 2.0 | |
| | <input type="checkbox"/> Tiny Home (<400 Sq. Ft.) | Bedrooms: | | Flow: | | Caliche | | | | <input type="checkbox"/> Soil Replacement: Type: | | 2.0 | |
| | Total Wastewater Flow: | | | Sub-Total Flow: | | Clay soils, tight clay | | | | <input type="checkbox"/> Type II: Sandy Loam, Fine Sand, Loam | | 2.0 | |
| 2. GRAYWATER FLOW | <input type="checkbox"/> Laundry only | <input type="checkbox"/> 20% (Sub-total above) | | Flow: | | Gravel, cobbles, highly permeable soil, greater than 30% gravel | | | | <input type="checkbox"/> Type III: Silt, Silt Loam, Clay Loam, Silty Clay Loam, Sandy Clay Loam | | 2.0 | |
| | <input type="checkbox"/> Showers, tub, and wash basin only | <input type="checkbox"/> 33% (Sub-total above) | | Flow: | | Source of Soil Data: | | | | <input type="checkbox"/> Type IV: Sandy Clay, Silty Clay, Clay | | 5.0 | |
| | <input type="checkbox"/> Combined graywater sources above | <input type="checkbox"/> 53% (Sub-total above) | | Flow: | | <input type="checkbox"/> Web Soil Survey <input type="checkbox"/> Jar test <input type="checkbox"/> Other: | | | | | | | |
| | Total Graywater Flow (GQ): (Cannot exceed 250 gpd. If it exceeds, it does not meet the small system requirements and a full graywater permit is required). | | | GQ= | | Total Flow: | | | | | | | |
| Minimum Required Graywater Absorption Area | | | | GQ | | X | | AR | | = | | Min. Sq. Ft. Required: | Total Proposed Sq. Ft.: |
| Section 3: Graywater Tank / Lift Station | | | | | | | | | | | | | |
| A. | <input type="checkbox"/> Tank(s) | | Manufacturer: | | | Series / Model / Certification No.: | | | Capacity (gallons): | | Cover Depth: | | |
| B. | <input type="checkbox"/> Lift Station (Only to overcome elevation differences) | | Manufacturer: | | | Series / Model: | | | Capacity (gallons): | | Effluent Pump: <input type="checkbox"/> YES <input type="checkbox"/> NO | | |
| Section 4: Graywater Dispersal System Design | | | | | | | | | | | | | |
| DISPERSAL DESIGN | <input type="checkbox"/> Mulch Trench / Basin | | Trench Width (feet): | | Trench Depth (feet): | | Trench Length (feet): | | No. of Trenches: | | Proposed Sq. Ft. ([Width + Depth + Depth] x Length x No. of Trenches): | | |
| | <input type="checkbox"/> Absorption Bed <input type="checkbox"/> French Drain | | Dimensions (Length x Width): | | Mfr. Model No: | | Sizing Credit (sf/lf or unit): | | No. of Units: | | Proposed Sq. Ft.: | | |
| | <input type="checkbox"/> Sub-surface Composting | | <input type="checkbox"/> Sub-surface Landscaping Irrigation | | <input type="checkbox"/> Sub-surface Fruit & Nut Tree Irrigation | | | | | | Proposed Sq. Ft.: | | |
| | | | | | | | | | | | | | |
| Section 5: Installer Information | | | | | | | | | | | | | |
| Qualifying Party Name: | | | | Phone: | | | Licensed Company Name: (as on file with CID) | | | | | | |
| Mailing Address (Street / PO Box, City, State, Zip): | | | | | | | E-mail address: | | | | | | |
| CID License Classification: <input type="checkbox"/> MM-1 <input type="checkbox"/> MM-98 <input type="checkbox"/> MS-1 <input type="checkbox"/> MS-3 <input type="checkbox"/> Homeowner | | | | | | | CID Company License No.: | | | | | | |
| I am the qualifying party for a licensed company by the State of New Mexico Regulation Licensing Department, Construction Industries Division (CID). I will either personally install the work myself or authorize company employee(s), _____ (Named here) to provide the services and labor for this application under my direct supervision. | | | | | | | | | | | | | |
| Section 6: Authentication / Verification | | | | | | | | | | | | | |
| By signing below, I attest that the information in this application is correct and true to the best of my knowledge. I understand the issuing of this certificate does not relieve me from the responsibility of complying with all applicable provisions of state and local codes. | | | | | | | | | | | | | |
| <input type="checkbox"/> Qualifying Party <input type="checkbox"/> Authorized Representative <input type="checkbox"/> Homeowner | | | Printed Name: | | | | Signature: | | | | Date Signed: | | |
| Supporting Documentation | | | <input type="checkbox"/> Site plan | | <input type="checkbox"/> Graywater system design | | <input type="checkbox"/> O&M Manual | | <input type="checkbox"/> Warranty Deed / Tax Bill | | | | |