





If your lot has more than one LW system, you must fill out a separate application for each system. The site plan drawing must show all liquid waste systems located on your lot. Existing permitted systems must be identified with their LW Permit #. New, modified or unpermitted systems must be clearly labelled on the site plan. NMED agents are not authorized to amend or complete any portion of this application.						Liquid Waste Processing Number:								
<b>Treatment &amp; Disposal System Design</b>														
<b>Section 1 Design Flow, Hydrology, and Soil Description</b>														
<b>A. Wastewater Sources &amp; Design Flow Calculations</b>				<b>B. Hydrology Data</b>		<b>C. Soil Description:</b>								
Facility		Units (enter number)	(Q) Flow, calculated: gpd	Depth from ground surface to:	Feet	Type	AR							
<input type="checkbox"/> Single Family Residence		Bedrooms:	Total flow:	Seasonal High Water table		<input type="checkbox"/> Type Ia: Coarse Sand (or up to 30% gravel)	1.25							
<input type="checkbox"/> Multiple Family Units		No. Units:	Calculation Sheet Attached: <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>	Bedrock, caliche, tight clay		<input type="checkbox"/> Type Ib: Medium Sand, Loamy Sand	2.0							
<input type="checkbox"/> Commercial / Institution (type):		Method of Design Flow Calculation: <input type="checkbox"/> Table 201.1 <input type="checkbox"/> PE (Calc. Sheet) <input type="checkbox"/> Water Meter Data Attached		Gravel, cobbles, highly permeable soil		<input type="checkbox"/> Type II: Sandy Loam, Fine Sand, Loam	2.0							
<input type="checkbox"/> Other:						<input type="checkbox"/> Type III: Silt, Silt Loam, Clay Loam, Silty Clay Loam, Sandy Clay Loam	2.0							
<input type="checkbox"/> Cluster		No. of Units:	Total flow:	Test Hole / Soil Borings Used: <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>		<input type="checkbox"/> Type IV: Sandy Clay, Silty Clay, Clay	5.0							
<input type="checkbox"/> Other (type):				Soil Classification Methodology used: <input type="checkbox"/> Jar Test										
Total Flow for this LW System: <b>Q</b>					<input type="checkbox"/> Laboratory: <input type="checkbox"/> Hand Sampling <input type="checkbox"/> Sieve									
<b>Section 2. Treatment Unit and Pump Design:</b>														
1	Primary Treatment Unit	No. Septic Tank(s)	Manufacturer:		Series / Model / Certification No.:		Capacity (gallons)	Burial Depth:						
	<input type="checkbox"/> Septic Tank(s)													
2	PUMP	<input type="checkbox"/> Pump Tank		Manufacturer:		Series / Model:		Capacity (gallons)	Burial Depth:					
		<input type="checkbox"/> Pump <input type="checkbox"/> Dual Pump		Manufacturer:		Series / Model:		Pump Curve Atchd: <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>	Effluent Pump: <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>					
3	ATS	<input type="checkbox"/> Secondary	<input type="checkbox"/> Standard <input type="checkbox"/> Conditional <input type="checkbox"/> Experimental	<input type="checkbox"/> Required <input type="checkbox"/> Voluntary	Manufacturer:		Series / Model:		Capacity (gallons)	Burial Depth:				
		<input type="checkbox"/> Tertiary												
		<input type="checkbox"/> Disinfection	<input type="checkbox"/> UV <input type="checkbox"/> Ozone <input type="checkbox"/> Chlorine	<input type="checkbox"/> Required <input type="checkbox"/> Voluntary	Manufacturer:		Series / Model:		Notes:					
<b>Section 3 Disposal System Design, Components and Calculations</b>														
A. Minimum Required absorption area, calculated (Multiply Design Flow (Q) times Application Rate (AR):				<b>Q</b>	<b>X</b>	<b>AR</b>	<b>=</b>	Min. Sq. Ft. Required:						
B. Design Components:		<input type="checkbox"/> Distribution Box		<input type="checkbox"/> Tee		<input type="checkbox"/> Drop Box		<input type="checkbox"/> Alternating Drainfield Valve		<input type="checkbox"/> Other:				
CONVENTIONAL DISPOSAL	<input type="checkbox"/> Pipe & Gravel		Trench Width:	Depth Gravel Below Pipe:	Total Linear Feet:	No. of Trenches:	Trench Depth:	Length, each trench:	Trench Spacing (ft):	Proposed Sq. Ft.:				
	<input type="checkbox"/> Chamber <input type="checkbox"/> Synthetic Agg. <input type="checkbox"/> Other:		Mfr. Model No & Sizing Credit (s/ft, or unit):			Total Linear Feet:	No. of Units:	Trench Depth:	Length, each trench:	Trench Spacing (ft):	Proposed Sq. Ft.:			
	<input type="checkbox"/> Seepage Pit <input type="checkbox"/> Absorption Bed		Dimensions (L x W):			Depth below invert:	Proposed Sq. Ft.:	Trench Depth:	Notes:					
<b>Section 4 Alternative Disposal System (ADS) Design, Components and Calculations</b>														
For all ADS's - calculation sheets & site plan drawings (plan view with cross section views) must be submitted with this permit application.														
Alternative Disposal System	Discharging	<input type="checkbox"/> Wisconsin Mound		<input type="checkbox"/> Elevated System		<input type="checkbox"/> Unlined ET Bed		<input type="checkbox"/> Effluent Irrigation Re-use		<input type="checkbox"/> Sand-Lined Trench Sand ASTM Specs Attached? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>		<input type="checkbox"/> Bottomless Sand Filters Sand ASTM Specs Attached? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>		
		<input type="checkbox"/> LPD		<input type="checkbox"/> LPP		<input type="checkbox"/> Graywater		<input type="checkbox"/> Drip Irrigation						
		<input type="checkbox"/> Split Flow (complete holding tank section & septic tank & conventional disposal section)						<input type="checkbox"/> Wetland		<input type="checkbox"/> Other (description):				
	Non-Discharging	<input type="checkbox"/> Holding Tank		No. of Tank(s)	Manufacturer:		NM Certification No.:		Capacity:		Burial Depth:		High Water Alarm at 80%? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>	
		<input type="checkbox"/> Lined ET Bed Sand ASTM Specs Attached? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>		Liner Material & Thickness (mils):		Dimensions (L x W) & sq. ft.:		<input type="checkbox"/> Lined Lagoon		Liner Material & Thickness (mils):		Dimensions (L x W) & sq. ft.:		
<input type="checkbox"/> Vault		<input type="checkbox"/> Privy (outhouse)		<input type="checkbox"/> Other (description):										
Setbacks / Site Plan & Attachments (check those that apply)		<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> 1. Does proposed system meet all setbacks required per Table 302.1?												
		<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> 2. Site plan attached which shows all structures, LW systems, and wells / waters within 200' with all setbacks clearly shown?												
		<input type="checkbox"/> N/A <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> 3. If ATS or ADS, all requirements under section 403 are submitted, including calculations and drawings?												
		Supporting Documents Included: <input type="checkbox"/> Survey <input type="checkbox"/> Plat <input type="checkbox"/> Floorplan <input type="checkbox"/> Warranty Deed <input type="checkbox"/> Tax Bill <input type="checkbox"/> Other:												