

County

Humboldt County Planning & Building Department

- Cannabis Permits
- Grading Permits
- Building Permits
- Septic Permits (Issued by the Division of Environmental Health)

Regional

North Coast Regional Water Quality Control Board

- Cannabis Cultivation Waste Discharge Regulatory Program
- Notice of Intent
- Tiered System
- Water Protection Plan

State

California Department of Fish & Wildlife

- Fish and Game Code FGC1602, 5901, 5937
- Water Diversions
- Lake and Streambed Alteration Permits
- 1600 Permits

State Water Resources Control Board

- Initial Statement of Diversion
- Small Domestic Use Appropriation
- Small Irrigation Use
- New Annual Reporting Requirements

Navigating Water Regulations for Small-Scale Water Storage Projects in California's Five County Region

Guide to Watershed Technical Consultants

Madrone Enterprises

Contact Name: Sungnome Madrone

Website: www.madroneenterprises.com

Phone: (707) 677-0431

E-mail: sungnome@madroneenterprises.com

Summary of Services: A full range of watershed services with an emphasis on spring/tap development and improvements, general watershed erosion and land management considerations, and road-related erosion control and redesign to protect water tables and supplies. Over 40 years experience in north coast watersheds, with a M.S. Degree in Watershed Management and Hydrology from Humboldt State University.

Cost of Services: \$80 per hour

Kyle Keegan, Permaculture Designer

Phone: (707) 943-1504

E-mail: owispertch@asis.com

Summary of Services: Integrated design of orchard, animal and food production systems; erosion control, water harvesting and groundwater recharge strategies; oak woodland, grassland, forest and stream restoration.

Cost of Services: \$40 per hour consultation, Minimum \$100 site visit cost

Hollie Hall & Associates

Contact Name: Hollie Hall

Website: www.holliehall.com

Phone: (707) 502-4870

E-mail: holliehall@gmail.com

Summary of Services: Providing rural water users with the information and assistance needed to legalize water diversion, use and storage activities. Confidential and personalized services include: Free phone consultation to identify the appropriate permitting processes and conservation practices for you; Site assessment of water rights and regulatory compliance issues; Full service permit processing related to water diversion, use and storage; Liaison to field agency questions related to your permits; and Review and consultations of water rights permits you have filled out yourself.

Cost of Services: Varies.

High Tide Permaculture

Contact Name: Dan Mar

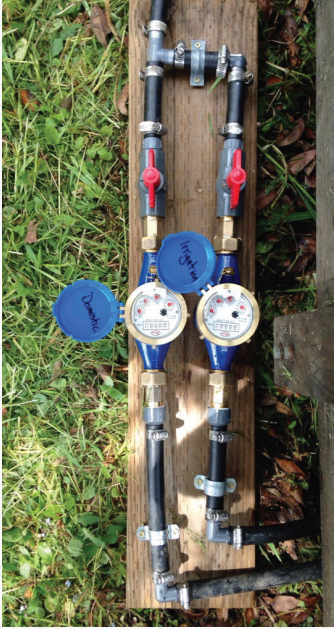
Website: www.hightidepermaculture.com

Phone: (707) 633-5403

E-mail: hightidepermaculture@gmail.com

Summary of Services: On-site technical assistance related to water conservation and pollution prevention with a focus on agency regulations, permits and best management practices. Specializing in rainwater catchment and harvesting systems, integrated land-management plans and watershed restoration.

Cost of Services: Varies.



Manhard Consulting

Contact Name: Praj White

Website: www.manhard.com

Phone: (707) 444-3800 ext 7446

E-mail: california@manhard.com

Summary of Services: The team at Manhard Consulting can provide development and permitting services to rural agricultural, restoration, residential and commercial projects.

We offer property assessment; planning, zoning, and land use assistance; water rights assistance; permit violation processing and retro-active processing; permitting assistance, including California Department of Fish and Wildlife, Water Quality Control Board Permits, CALFire permits, building code compliance permits, U.S. Army Corps of Engineers permits, county and city use permits, California Environmental Quality Act (CEQA), environmental compliance assistance; site grading and erosion control; water storage design and permitting; building and facility design; structural engineering and construction management.

Cost of Services: Varies.

Pacific Watershed Associates (PWA)

Contact Name: Kathy Moley

Website: www.pacificwatershed.com

Phone: (707) 839-5130

E-mail: kathym@pacificwatershed.com

Summary of Services: PWA has a 26 year track record of working with rural landowners, conducting watershed restoration and land development projects focused on water quality, salmon habitat protection and cost effective design and development of forest and ranch properties. PWA is a full service, one-stop environmental firm specializing in regenerative agriculture design, water resource procurement, storage and permitting, pond design, road design and upgrades, civil engineering, septic design, and a wide range of environmental permitting assistance for all your development needs. PWA is here to help you achieve your land development goals while restoring the environment for future generations to enjoy.

Cost of Services: Variable but cost-effective, depending on landowner needs

LandWater Consulting

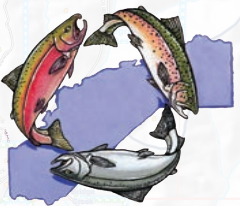
Contact Name: Noah Levy

Phone: (707) 499-4788

E-mail: noah@landwaterconsulting.com

Summary of Services: Legal, technical, and permit-related assistance designed to help landowners and water users comply with diversion, storage, and other requirements. Emphasis on helping landowners develop appropriate conservation practices that balance their water and land-use needs with ecological protections, including seeking grants and other incentives to offset costs.

Cost of Services: Varies. Free comprehensive initial phone consultation.





Water Storage Information for Rural Residential and Agricultural Use



Regulatory Requirements for All Counties

Statement of Diversion and Use: You must report all water used under a riparian right to the State Water Board every year. You do this by filling out a Statement of Diversion and Use form. <http://calsalmon.org/programs/navigating-compliance/california-water-rights-law/statements-diversion-and-use>

Small Domestic Use Registration:

A Small Domestic Use (SDU) registration is a kind of appropriative water right. They are useful if you need to do something with water that you can't do under a riparian right. The most common reason people get one is because they want to store water for the dry season. Other reasons could be if you are diverting water from a source on someone else's property (with their permission), or if you are diverting from a source on your own property but want to use the water off-parcel. <http://calsalmon.org/programs/navigating-compliance/water-rights-law/small-domestic-use-registration>

Cannabis Cultivation Waste Discharge Regulatory Program:

As of February 15, 2016, cultivators with 2000 square feet or more of cannabis are required to enroll in a new water quality regulatory program (Order R1-2015-0023), either directly with the Regional Water Board, or via an approved third party program. Additionally, smaller operations or operations with similar environmental effects, where there is a threat to water quality, may be directed to enroll under the Order. You may request Regional Water Board staff to conduct a consultation inspection. This is an opportunity to verify tier status, identify features to include in a water resource protection plan, and discuss treatment schedules. For

scheduling, please contact a staff person listed at the bottom of the page. Note you do not need to have your property inspected in order to enroll. http://www.waterboards.ca.gov/northcoast/water_issues/programs/cannabis/

CDFW Lake/Streambed Alteration Agreement:

In addition to requiring some kind of water right, your diversion of water potentially requires a separate permit from the California Department of Fish and Wildlife

(CDFW) known as a Lake/ Streambed Alteration (LSA) Agreement. These agreements are issued under Section 1602 of the Fish and Game Code, which authorizes CDFW to place conditions to protect fish and wildlife on any "substantial" diversion of any stream. Note that this includes many diversions from springs and wells. <http://calsalmon.org/programs/navigating-compliance/fish-and-game-section-1602>

CAL FIRE Water Storage Requirement: Minimum 2,500 gal in lieu of fire hydrant for residential building less than 3,600 sq ft. A cistern or 5,000 gallon pool can replace a tank. *CAL FIRE reviews projects located in the State Responsibility Areas (SRA) for compliance with the State Fire-Safe Regulation (4290 & 4291 Public Resources Code).

Building Permit: California building code requires a building permit for storage tanks of 5,000 gallons or more, or exceeding a 2:1 ratio (Height : Diameter).

Greywater Permits: California Greywater Code describes the state standards for greywater permitting. A construction permit may be required for a greywater project.

Greywater Summary Information: <http://www.thegreywaterguide.com/california.html>

California Graywater Code: http://www.hcd.ca.gov/codes/state-housing-law/2007cpc_graywater_complete_2-2-10.pdf

Humboldt County Requirements

Water Storage Accessory to General Agriculture	Amount of Storage (Gallons)	Additional Information
Rainfall: Tank	100,000	Any tank over 5,000 gallons requires a Building Permit
Rainfall: Pond	No Limit	All ponds require Grading Permit
Well (Not Connected to Surface Water): Tank	100,000	Any tank over 5,000 gallons requires a Building Permit Over 100,000 gallons requires CU Permit
Well (Not Connected to Surface Water): Pond	No Limit	All ponds require Grading Permit
Surface water diversion (stream, spring, or well): Tank	50,000	Any tank over 5,000 gallons requires a Building Permit Over 50,000 gallons requires a CU Permit and may include a forbearance period
Surface water diversion (stream, spring, or well): Pond	1,000,000 or approx. 3-acre feet	All ponds require Grading Permit Over 1,000,000 requires a CU Permit only if forbearance is less than 60 days
Water Storage Accessory to Rural Residential Use		
Surface water diversion (stream, spring, or well): Tank	50,000	All ponds require Grading Permit Between 50,000 & 100,000 gallons: CU Permit required only if forbearance is less than 60 days; Over 100,000 gallons requires CU Permit
Surface water diversion (stream, spring, or well): Pond	1,000,000 or approx. 3-acre feet	All ponds require Grading Permit Over 1,000,000 requires a CU Permit

County-Specific Information

Humboldt County

Grading Permit: Rainfall catchment ponds and ponds fed by well (not connected to surface water) require grading permits.

Humboldt County Water Storage Overview: <http://humboldt.gov/DocumentCenter/Home/View/6565>

Humboldt County Water Storage Permits: <http://humboldt.gov/DocumentCenter/Home/View/51632>

Contact: Humboldt County Planning and Building Department: (707) 445-7245

Del Norte County

Building Permits: State Building Code standards apply to typical situations (i.e. not overly steep hillsides, etc.) outside of the Coastal Zone. Within the Coastal Zone the project may trigger a Coastal Development Permit if it is "development" as defined in the Coastal Act or the Local Coastal Program.

Grading Permit: Cuts greater than 500-cubic yards, 3-foot depth, or steeper than 2:1 (x:y) are subject to a grading permit.

Contact: Any Building Inspector or Planner can assist: (707) 464-7253 or (707) 464-7254.

Trinity County

Building Permit: Any tank over 5,000 gallons must be on a permanent foundation.

Planning Permit: If/when you apply for a building permit it will need to go through the planning department for approval.

Contact: Building_Dept@trinitycounty.org
Phone: (530) 623-1354
8:00 a.m. to 2:00 p.m., Monday - Thursday

Siskiyou County

Building Permit: Building permits may be required depending on the size of the storage tank, materials, and location. Landowner would submit a Building Permit Application and site plan to the Building Department: https://www.co.siskiyou.ca.us/sites/default/files/docs/BLDG-20160929_PermitApplication.pdf

Conditional Use Permit: Some uses, depending on the zoning district, may require approval of a conditional use permit from the Planning Commission.

Grading Permit: Siskiyou County does not have a grading permit at this time.

Contact: Community Development Department (530) 841-2100 or email at planning@co.siskiyou.ca.us.

Mendocino County

Use Permits: Smaller water storage tanks are generally associated with personal use types and are considered accessory structures to residential uses. Larger water tanks may require use permits because they could be supporting land uses that do not align with the intent of the zoning district. Each zoning district has permitted uses and uses that require a major or minor use permit. A use permit is different than a building permit. The use permit would need to be applied for and approved before a building permit is taken out. The use permit application can be found here: http://www.co.mendocino.ca.us/planning/pdf/Use_Permit_Application_Packet.pdf

Contact: Planning and Building at (707) 243-6650
Monday through Friday, 8:00 a.m. to 4:30 p.m.