

Vegetation Management

Pacific Coast Land Solutions is a California Public Utility Commission and six (6) State DOT “DBE” Certified utility/energy/right-of-way consulting company in the U.S. We enable our clients to manage their interests in a responsible and self-determined way so they can proactively manage vegetation across their entire rights-of-way. We stress continuing education and acquiring industry certifications to our team members to stay on top of and to share relevant industry content with our clients around the country.

Utility Vegetation Management

At Pacific Coast Land Solutions (PCLS), we provide integrated solutions for your Utility Vegetation Management needs. Our Vegetation Management Experts are highly qualified individuals with the ability to assess trees and provide trimming and removal prescriptions (pre-inspection). These individuals are experienced in providing this type of support in California as well as extremely knowledgeable with the different types of trees in California. Our team has a deep understanding of all California regulations in order to prescribe the work in order to reduce wildfire risk. We are always up to date with all the latest tools and equipment in the industry in order to provide the best work possible.

In every step of our process, we focus on Safety and Safety Training to ensure our people take this to heart. Our professional team uses their vast knowledge to determine areas where vegetation poses a greater risk. Our consulting utility foresters (CUF) inspect and evaluate the trees and brush along the right-of-way. Once complete we prepare the results and recommend a course of action. We work together with you to plan, provide, and direct tree clearance crews, customer relations and quality control audits.

We are a full-service operation that provides the following types of services:

- Safety Training
- Pre- and post-inspection
- Line Clearance/Tree Trimming/Tree Removal
- Work Verification
- Quality Control
- Forestry Consulting Services
- Distribution, Processing & Management of Merchantable Timber and Logs

- Right-of-Way Clearing and Reclamation
- Pipeline Right-of-Way Maintenance
- Spraying of obnoxious weeds and gross regulators
- Emergency & Hazard Response Team

Credentials & Qualifications:

- Certified Arborists
- Tree Risk Assessment Qualification (TRAQ) Arborists
- Line Clearance Certified
- Senior Consulting Foresters
- Consulting Utility Foresters (CUF)
- Monitors & Crew Leaders
- Licensed Timber Operators
- Licensed Applicators for spraying of obnoxious weeds and gross regulators

1. Safety Training

Safety is at the forefront of our approach and how we manage PCLS. Our employees receive ongoing safety training in the field and are held to the highest standard of safety. PCLS integrates many continuing safety concepts that are a part of each project, including safety newsletters and weekly safety meetings to go along with our daily tailgates. At PCLS, safety is a part of our culture.

We ensure all employees are in full compliance with all regulations at every level.

Our employees receive multiple levels of safety training, including but not limited to:

- Daily Safety meetings
- Company Safety manual
- Defensive Driving training
- First Aid/CPR training
- Tree Felling Techniques
- Chain Saw Safety & Rigging

Our safety training program incorporates all arboricultural sides of the team including Vegetation Management, Tree Trimming crews, Foresters, and all other disciplines.

We incorporate Safety Program Managers (SPM) as part of the PCLS team with the goal to assist coordination between our clients and the safety team. The SPM tracks the location of all crews that are part of the Vegetation Management team throughout the day and will conduct ongoing comprehensive safety audits. Our safety audits will help to ensure complete compliance, diminish incidents, and promote safety practices. The SPM will streamline all processes and procedures to establish and prioritize a safety culture that is an integral part of each project and plan. Our SPM team's goal is to work closely with our clients to make this a core value through effective communication as a team.

2. Pre-Inspection

In the initial phase, our specialists perform a complete pre-inspection of the Utility Vegetation Management program. Our arborists analyze areas for trees that pose a risk, any encroachment issues and assess clearances. After a thorough review, the information gathered is used to create a comprehensive strategy for documenting different species of vegetation, precise locations and determine the rate of growth, while also identifying the best method of remediation.

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3. Line Clearance/Tree Trimming & Removal Services

We provide tree trimming services that includes the training, safety, and management of the tree trimming operations. Regardless of the size of the job, PCLS is ready and capable of assisting you. Our employees are highly trained on all safety practices, correct pruning techniques and how to deal with any and all customer issues.

Our line clearance services include:

- Trimming and removal of vegetation along distribution and transmission lines
 - o In addition, we teach and provide ongoing training for mechanical assisted rigging, and felling techniques, such as advanced rigging knowledge, GRCS, Hobbs systems, pulleys, and double pulleys, 3-1s, and 5-1s.
- Selective herbicide applications

- Mechanical and/or manual right-of-way clearing
 - o We use the most technologically advanced heavy equipment in the tree and logging industry, including Track Chippers, Senneboggins, Grapple Saws, Grind Boxes and much more.
- Side-trimming along road rights-of-way, including aerial and ground based trimming

4. Work Verification/Quality Control

Our Arborists and Tree Risk Assessment Qualified (TRAQ) Arborists audit and perform quality control on the work performed immediately following work completion. These specialists perform thorough quality audits of the vegetation management program, develop plans, ensure work is in compliance and being performed at a high level. Their findings are entered into the project database at the end of each day.

We provide auditors to certify that each crew is completing the work as instructed. After trimming is completed, our Crew Leaders (Monitors) inspect all work to ensure accuracy and completion. Any issues that arise will be delegated up the chain of command and completed properly and in a timely manner. The post-audit is a key technique that has long lasting effects on the program and the final step in the work verification process. In addition, our quality control plan checks and monitors stumps from tree removals to ensure these are properly handled.

5. Training & Assessment

PCLS uses Standardized Training Criteria and focus on assessment to demonstrate how our personnel are qualified. We take a Traceable, Verifiable, Accurate and Complete approach to our training. We train our employees, then we test them and document this assessment to show our clients. We conduct all pre-hire training for our staff and can facilitate pre-hire training for other consulting/service companies as well if requested. This will ensure that all contractors have received the same high-quality training and can work together to develop a complete understanding of the intended scope of work.

Continuing education will be provided at specified time intervals throughout each project for all project personnel. We tailor our training to reach each level of employee in order to provide the knowledge necessary to be successful, safe, and effective.

Training and education are foundations that we have built our Vegetation Management services on and will continue to promote consistently.

6. Customer Communication

Having outstanding customer communications is a crucial aspect to every project and is a large key to success. We interact with your customers to help them understand the project, its importance and how it

benefits everyone involved. For each work plan we put a priority on this communication. We determine at the forefront who will make contact and ensure the most well-equipped individuals are available to handle this important assignment. When these sensitive issues occur, we have a Customer Care Resolution team in place that will get involved, so our clients do not have to.

We take great pride in helping our clients provide clear effective communication with their customers.

7. Program Management

PCLS provides complete program management for each Vegetation Management plan from initiation through conclusion. Full project and operational management of the entire Vegetation Management program, including oversight of tree crews, quality control, financial metrics and many more aspects.

We have experienced professionals dedicated to the success of each program. It is our passion to provide the comprehensive management and long-term consistency that our clients deserve and is a top priority for PCLS.

8. Emergency & Hazard Response Team

PCLS can facilitate a dedicated team of International Society of Arboriculture (ISA), TRAQ arborists, Project Managers, OPS Managers, Monitors, Crew Leads and Tree & Trimming Personnel on short notice. This team can quickly respond for fires or other problematic issues that often arise in short time periods.

- We specialize in arborists with backgrounds in diagnosing dead, dying, and diseased trees from every area of California especially ones affected by fire and all disasters.

9. Technology Solutions

Leveraging technology is crucial to creating efficiencies for our clients and our employees. At PCLS, we believe in using technology to better our work product. This is a core value from the tree crews all the way up to our administration staff. We use state of the art technology, (gisAMPS™) to provide real-time updates, locate problem areas immediately, track crew progress, manage projects, track costs and increase productivity.

We utilize our own technology; however, we are well versed in multiple systems, including Collector, Survey 123, Krinkle, Fulcrum, Explorer, KMLs, ESRI and ARCGis.