County of Placer

Tahoe Basin Stormwater Management Plan Program Years 2006-2010

Prepared for Regional Water Quality Control Board, Lahontan
Municipal Stormwater Program
Permit No. CAG616001 & Board Order No. R6T-2005-0026

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Revised May 1, 2007

CERTIFICATION
COUNTY OF PLACER

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Executed on the 22 day of April, 2007 at the County of Placer.

Ken Grehm

Ken Grehm, Director of Public Works

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CHAPTER 1. INTRODUCTION

Purpose

The Placer County Tahoe Basin Stormwater Management Plan ("SWMP" or "Plan") describes the Placer County stormwater quality improvement program to be implemented in compliance with the National Pollutant Discharge Elimination System (NPDES) Phase I Municipal Permit No. CAG616001 Lahontan Regional Water Quality Control Board Order No. R6T-2005-0026 ("Permit"), for the Lake Tahoe Basin. An October 11, 2006 revision to the Permit requires Placer County to submit a stormwater management plan meeting the Permit requirements by May 1, 2007.

The SWMP proposes activities and goals for the program years 2006-2010, and includes information to provide readers with an understanding of the program history and the status of Placer County stormwater management activities in the Tahoe Basin. The Plan's intention is to communicate the required commitment to each of the planned actions, outline the intended results, and guide staff towards desired outcomes. Details of program achievements will be provided in the annual reports required by the NPDES permit. New information developed subsequent to adoption of the Plan will be provided with annual reports. Revisions to the Plan are not anticipated prior to renewal of the NPDES permit in 2010, unless significant issues obligate substantial updating.

Plan Organization

This Plan is organized into six chapters:

Chapter 1, Introduction: Describes the purpose and organization of the Plan.

Chapter 2, Program Overview and History: Presents a stormwater quality program overview, including a discussion of the permit area and history, program organization, regulatory setting, integration with Placer County's Western Region NPDES Phase II permit, pollutants present in Lake Tahoe, relationship with El Dorado County and the City of South Lake Tahoe, and a summary of stormwater quality improvement program accomplishments to date.

Chapter 3, Program Management: Describes program management, including goals, priorities, exclusions, intra-agency coordination, inter-agency coordination, Placer County organization, departments and responsibilities, County facilities within the Tahoe Basin, annual planning and reporting activities, and budget and staffing.

Chapter 4, Legal Authority: Describes Placer County's existing legal authority to implement the stormwater quality program.

Chapter 5, Program Implementation: This is the core of the Plan, describing implementation of program activities, and addressing the program elements A-L as described in Section VII of the permit. Each section contains text describing the proposed tasks to address the elements of A-L and a table that summarizes the tasks, the implementing department(s), timing, activity, and measurable goals. In addition, Permit Section VIII SWMP Revision and IX Impaired Waterbodies/TMDL are described in SWMP sections 5-M and 5-N respectively.

Chapter 6, Monitoring and Reporting: Describes the information to be tracked and reported to the Lahontan Regional Water Quality Control Board with the annual reports. Also included is a chart detailing time schedule and implementation milestones.

CHAPTER 2. PROGRAM OVERVIEW AND HISTORY

Permit Area

The Phase I permit area includes the area shown in Figure 2-1, all parts of Placer County within the Lake Tahoe Basin watershed.

Program Outline

The Placer County Tahoe Basin stormwater quality improvement program has been developed to address the necessary program components (A-L) of Section VII, as well as Sections VIII and IX of the Permit. The following nomenclature is used in the Placer County program to identify each component of the program:

5-A Retrofit
5-B Construction
5-C Industrial
5-D Commercial
5-E Residential
5-F Road and Facility Inspection
5-G Traction Abrasive and Deicer Application and Recovery
5-H Education
5-I Illicit Discharge Detection and Elimination
5-J Public Participation
5-K SWMP Effectiveness
5-L Fiscal Analysis
5-M SWMP Revision and Implementation
5-N Impaired Waterbodies and TMDL

Each of the program components contain multiple tasks, as detailed in Chapter 5.

Regulatory Setting

Placer County's Phase I Permit was issued on October 15, 2005 by the California Regional Water Quality Control Board, Lahontan Region (LRWQCB), the State agency responsible for the protection of water quality within the Lahontan region, which extends from the Oregon border to the northern Mojave Desert and includes all of California east of the Sierra Nevada crest, including the California portion of the Tahoe Basin. The LRWQCB answers to the State Water Resources Control Board, which sets statewide policy for the implementation of state and federal laws and regulations.

This area is also within the jurisdiction of the Tahoe Regional Planning Agency (TRPA). TRPA is a unique bi-state regional environmental planning agency charged with protecting the environment of the Tahoe Basin for the benefit of current and future generations. The TRPA oversees all development and environmental improvement projects in the Tahoe Basin, and issues construction permits for private and public works projects. TRPA is also a participating agency with a key role in the development and implementation of the Environmental Improvement Program (EIP), a plan to preserve, restore and enhance the unique natural and human environment of the Lake Tahoe Region. The EIP program

defines restoration needs for attaining environmental goals or thresholds. There are nine identified threshold categories, including water quality. Through the EIP, many water quality improvement projects have been constructed Basin-wide to improve the quality of stormwater runoff and help attain this threshold.

Permit History

Lake Tahoe was first designated as an “Outstanding Natural Resource Water" (ONRW) by the State Water Resources Control Board in 1980. The ONRWs are subject to a non-degradation objective, the highest level of protection under the Federal Clean Water Act. In 1984, the LRWQCB issued Order 6-85-F6, establishing waste discharge requirements for Placer County. In 1987, TRPA issued a Regional Plan, including the Water Quality Management Plan (the “208 Plan”). The NPDES Phase I stormwater regulations were issued nationwide in 1990; in 1992, the LRWQCB issued Board Order 6-92-02, which rescinded the waste discharge requirements and established the Phase I permit. Board Order 6-00-82, adopted October 12, 2000, previously regulated urban runoff discharge from the City, El Dorado County and Placer County; this Order expired on October 12, 2005. The updated Municipal NPDES Permit is Board Order Number R6T-2005-0026 and NPDES Permit No. CAG616001.

Integration with the West Placer County and Truckee River Phase II Permits

Western Placer County has been designated for Phase II of the NPDES Municipal Stormwater Program for small municipalities (MS4s). As of August 31, 2004, all unincorporated areas generally west of Foresthill and Colfax are subject to the State’s Municipal General Stormwater Permit CAS000004. A Phase II Stormwater Management Plan (SWMP) guides the west Placer County program (WDID #5A31NP00021). The Truckee River watershed within Placer County was designated an MS4 on July 5, 2006. The Truckee Basin SWMP is being developed and will be submitted by June 30, 2007. By necessity the west Placer County, Truckee, and Tahoe Basin programs share some elements and resources; however, there are enough significant differences between the Phase I and Phase II permits, physical environments, and regulatory requirements such that the programs must be considered separately.

Pollutants of Concern

The Tahoe stormwater quality program is designed primarily to reduce fine sediment, nitrogen, and phosphorus in wet weather stormwater flows and to reduce non-stormwater discharges in general.

Lake Tahoe is listed as high priority on the Federal Clean Water Act Section 303d list of waterways impaired by the presence of nutrients due to, among other sources, urban stormwater. Typical pollutants from residential areas include

pesticides and fertilizers from landscaping, detergents, oils, metals, and automotive fluids from car maintenance, household chemicals such as solvents and paints, pet waste, and trash. Commercial areas may contribute fertilizer and pesticides from landscaping, oil and automotive fluids from parking areas, outdoor waste from loading areas, paints and other waste from remodeling. Typical pollutants from construction sites include sediment, gravel, trash, concrete slurry, paints, oil, grease, and hydraulic fluids from equipment. Winter operations of County roads can represent a source of pollutants including sand, salt, fine sediment, phosphorus, nitrogen, and iron.

The Phase I permit identifies numerical limits for the following constituents in the Effluent Limitations:

- Total Nitrogen
- Total Phosphorous
- Total Iron
- Turbidity
- Grease and Oil

These pollutants, along with sediment, have been identified as the primary contaminants responsible for the decline of clarity in Lake Tahoe. Any BMP in this Plan that references 'target pollutant reduction' refers to the above constituents, with the inclusion of sediment.

Under the October 2000 Phase I permit, Placer County was required to perform monitoring activities at various sites. Monitoring data and Tahoe Basin-wide research indicate that the pollutants with the greatest impact on Lake Tahoe water quality and clarity are fine sediment (less than about 74 microns in size), phosphorus, and nitrogen. Future water quality improvement projects will continue to focus on reducing the discharge of these pollutants. A summary of monitoring activities completed on two County-constructed projects is shown below.

Tahoe City Wetlands

The most recent monitoring project concluded with two comprehensive monitoring reports: "Subalpine Stormwater Treatment with a Constructed Surface-Flow Wetland" and "Groundwater Hydraulics and Chemistry of the Tahoe City Wetland Treatment System." The monitoring reports include data collection from water years WY03 (beginning in October 2002) and WY04 (through the end of September 2004). The first report evaluates efficiency of the constructed wetland treatment system in removal of nutrients and sediments and how the efficiency fluctuates with seasonal variations in the subalpine environment. The second report

assessed the potential impacts to groundwater through infiltration of stormwater within the treatment basins.

Kings Beach Basins (Coon Street)

"Performance Assessment of the Coon Street Detention Basin, Kings Beach CA" by the Tahoe Environmental Research Center dated March 17, 2005, reported the monitoring of two basins. The report includes data collection from water years WY03 (beginning in October 2002) and WY04 (through the end of September 2004). The basins were monitored for both efficiency in the removal of fine sediment and phosphorus adsorptive media treatment enhancement.

The 2000 Phase I permit also incorporates by reference the Lake Tahoe Basin Plan, TRPA Section 208 Plan, requirements of Section 402(p) of the Federal Clean Water Act, and 40 Code of Federal Regulations, Part 122. Portions of these documents apply water quality standards and effluent limitations to stormwater discharges.

Relationship with El Dorado and South Lake Tahoe

Placer County, El Dorado County, and the City of South Lake Tahoe share a common Phase I permit promulgated by the LRWQCB, with minor differences specific to each jurisdiction. Although each agency operates its program independently from the others, personnel from the three jurisdictions regularly interact with their counterparts to coordinate common program elements and needs. Additional information regarding coordination activities is available in Chapter 3, Interagency Coordination. In addition to the Tahoe Basin Permit, Placer County is also subject to NPDES Phase II permits for portions of West Placer and the Truckee River watershed. Appendix 1 includes a chart of all permits and relationships with other jurisdictions.

Summary of Past Accomplishments

Since LRWQCB waste discharge requirements were established in 1984, Placer County has completed numerous water quality projects and participated in many activities with the goal of helping to improve the quality of stormwater runoff. From 1984 to 2005, 51 water quality improvement projects were constructed throughout the County's permit jurisdiction. Currently, there are 11 water quality improvement projects planned for construction between 2006 and 2011. Since approval of the EIP in 1997, additional state and federal grant funding has enabled an expansion of the County's capacity for project delivery.

Other activities related to stormwater management and water quality improvement that Placer County has completed or performed routinely include:

- Distribution of a brochure ‘Stormwater Pollution Prevention for the Food Service Industry in Placer County’ in November 2004 to all Placer County food facility businesses that are subject to Health Department inspections

- Holding workshops to publicize and gain input from the public about each water quality improvement project

- Participation in and funding of workshops given by the Tahoe Resource Conservation District (TRCD) regarding BMPs for private property owners

- Disbursing educational materials, displaying posters, and speaking with the public at North Shore Earth Day celebrations every year since 2002

- Participation in the annual Snapshot Day for assessing water quality at sampling points throughout the north shore and Truckee areas

- Implementing a water quality facilities Maintenance Efficiency Plan (MEP). The MEP provides quality control for the Public Works Department road maintenance activities. Facilities in the Tahoe Basin are inspected semi-annually to evaluate condition and maintenance needs. The MEP establishes a basis for the road crews to prioritize and perform maintenance tasks as resources permit.

- Annual analysis of traction sand for gradation and concentrations of various constituents

- Annual tracking of traction sand application and removal efficiency

- Creation of a BMP database. Placer County is developing a GIS database of all BMPs installed in the Tahoe Basin. The database will assist with management of the various facilities and will allow for efficient integration with new programs. The database will ultimately be tied into the Tahoe Integrated Information Management System (TIIMS).

- Establishment of a 24-hour “hotline” telephone and a website e-mail service for reporting of water quality concerns

- Execution of multiple Memoranda of Understanding (MOU) with TRPA for County implementation and enforcement of TRPA requirements upon building and development processes

- Replacement of diesel-powered County equipment with equipment that produces fewer emissions

- Participation in the Stormwater Quality Improvement Committee (SWQIC). The SWQIC has made substantial progress in defining the process for execution of water quality improvement projects, interagency coordination, and prioritization of projects.

- Participation in the Lake Tahoe Interagency Monitoring Program (LTIMP). The LTIMP meets regularly to discuss water quality monitoring, BMP effectiveness, and BMP technologies.

- Monitoring of the Tahoe City wetlands. Studies have been completed by the County to assess effectiveness of constructed wetlands to treat stormwater.

- Monitoring of the Kings Beach Fox Street and Coon Street detention basins to assess the effectiveness of sediment removal

- Monitoring of the Upper Cutthroat water quality improvement project. New monitoring for the project has been initiated to assess the effectiveness of a recently constructed water quality improvement project and is anticipated to be completed by 2009.

- Establishment of County website pages devoted to presentation of water quality information

- Monitoring of water quality improvement projects (CTC grant funded) for pre- and post-construction visual (photo) condition for two years after each project is completed

- Project-specific monitoring under the LRWQCB General Construction Permit to monitor construction BMPs and assess each project after construction until each site is considered stable

- Active participation in TRPA's "Pathway 2007" water quality working group with the objective of consolidating environmental requirements and regulations of various Tahoe Basin agencies

CHAPTER 3. PROGRAM MANAGEMENT

Introduction

The Phase I Permit contains requirements that inherently define management of the program, such as the need to prepare annual reports, administer construction projects in a defined manner, and prepare monitoring and inspection reports. Goals and priorities for program management are explained below.

Management Goals

The primary goal of the program is to achieve compliance with the Phase I Permit, which in turn is to comply with the Clean Water Act and other federal and state water quality regulations. This Plan outlines how Placer County approaches the stormwater quality program and guides staff toward these desired outcomes. The overall intent is to maintain a flexibly managed program that identifies and addresses local stormwater pollution prevention issues while responding to the needs of the communities and environment.

In order to achieve this primary goal, secondary goals for this permit term are as follows:

- Increasing public awareness of the effects of their activities upon water quality through public education

- Increasing staff effectiveness by providing training to all involved personnel

- Assisting business and residential compliance with the stormwater quality program by offering workshops and other educational opportunities to audiences within the community

- Improving program strength by creating a stable funding plan

Program Priorities

To date, the emphasis of the Placer County stormwater quality program has been the construction of water quality improvement projects, including obtaining grant funding, project design, construction oversight, and monitoring after construction. The program, through this permit, will be expanded to include construction, commercial, industrial and residential site controls, coupled with a facility inspection program. In addition, the County will continue to pursue water quality improvement projects as a main program focus and will emphasize water quality education to businesses, residents, and the development community.

The County will continue an outreach program, in conjunction with the Tahoe Resource Conservation District TRCD, to support retrofitting private properties with stormwater BMPs. Another priority will be providing training to Placer County personnel and targeted residential or business groups to influence behaviors that will reduce pollution potential and assist with program implementation.

The implementation tasks selected to address each Plan component in Chapter 5 will consider the following criteria:

- Placer County resources
- Potential for successful execution
- Expected effect upon water quality
- Economic impact
- Adaptability to future program changes

Exclusions

The Illicit Discharge Detection and Elimination BMP (Section 5-I) includes measures to control illicit discharges and improper disposal of wastes into stormwater. In the execution of this Plan element, Placer County will exclude the following categories of non-stormwater discharges that are not required to be addressed by the State:

- Water line flushing and discharges from potable water sources
- Landscape irrigation and lawn watering
- Diverted stream flows and irrigation water
- Springs, rising groundwater, and flows from riparian habitat and wetlands
- Uncontaminated groundwater infiltration
- Uncontaminated pumped groundwater, foundation drains, footing drains and water from crawl space pumps
- Air conditioning condensation
- Individual residential car washing
- De-chlorinated swimming pool discharges
- Firefighting flows

The County does not intend to allow any other non-stormwater discharges (Section IV.C.3, pages 6 and 7 of the permit) that would require notifying the Regional Board. If any such non-stormwater discharges are identified in the future, the Regional Board will be notified per the Permit requirements.

Inter-agency Coordination

Placer County regularly cooperates with or relies upon external agencies for completion or assistance with various stormwater program activities.

The Phase I permit is shared with the County of El Dorado and the City of South Lake Tahoe. The three co-permittees have agreed to establish semi-annual coordination meetings to discuss matters of common concern. In addition to meeting regularly with LRWQCB staff via the 'NPDES coordination meetings,' information is shared regularly among the jurisdictions through informal emails and telephone calls with staff members.

The Nevada Department of Transportation (NDOT) is consulted on matters of common concern regarding road maintenance practices. Placer County provides its road traction agent (sand) suppliers with the NDOT standard that specifies a durable, low-phosphorous, low-fines material.

The California Department of Transportation often provides guidance and leadership in matters regarding road construction and maintenance effects on stormwater quality.

Placer County and the Tahoe Regional Planning Agency (TRPA) cooperate under the guidance of several MOUs. Placer County reviews residential applications, issues permits, inspects, and provides final signoff of projects in accordance with TRPA Code of Ordinances. Placer County collects the TRPA mitigation fees and security for post-construction BMPs. Mitigation fees are then forwarded to TRPA while security fees are managed by Placer County personnel.

The California Tahoe Conservancy (CTC) is an independent non-regulatory State agency within the Resources Agency of the State of California. The CTC was established in 1984 to develop and implement programs through acquisitions and site improvements to improve water quality in Lake Tahoe, preserve the scenic beauty and recreational opportunities of the region, provide public access, preserve wildlife habitat areas, and manage and restore lands to protect the natural environment. The CTC awards grants and places conditions upon usage of grant money. Historically, the CTC has been the biggest contributor of grant funding for water quality improvement projects planned and constructed by Placer County. Future funding by the CTC is anticipated to facilitate completion of various water quality and stream environment zone restoration projects.

The United States Forest Service (USFS) is a federal agency, which administers grants through the Southern Nevada Public Lands Management Act (SNPLMA) and other programs. These grants are used to develop and implement programs through site improvement to improve water quality in Lake Tahoe, preserve the scenic beauty and recreational opportunities of the region, provide public access, preserve wildlife habitat areas, and manage and restore lands to protect the natural environment. The USFS awards grants and places conditions upon usage of grant money. Future funding by the USFS is anticipated to facilitate

completion of various water quality and stream environment zone restoration projects.

The Lahontan Regional Water Quality Control Board (LRWQCB) is the California State agency responsible for the protection of water quality within the Lahontan region. The LRWQCB issues and oversees multiple permits affecting Placer County, including the municipal, industrial, and construction stormwater permits.

The Tahoe Resource Conservation District (TRCD) promotes the conservation and improvement of the Lake Tahoe Basin's natural resources by providing leadership, information, educational programs, and technical assistance to Tahoe land managers, owners, organizations, and residents. Placer County contracts with the TRCD to provide residential site evaluations, public education workshops, and technical assistance to homeowners to help them comply with TRPA's BMP retrofit requirements.

The Stormwater Quality Improvement Committee (SWQIC) is a subcommittee of the Tahoe Interagency Executives (TIE). The SWQIC was established to improve the design and effectiveness of stormwater quality improvement projects and increase the efficiency of implementing water quality improvement projects. SWQIC is also a clearinghouse for sharing information between implementers, regulatory agencies and funding agencies on how projects are prioritized, planned, funded, designed, permitted, built and monitored. This information sharing benefits all members in better understanding opportunities and constraints with improving water quality in the Basin.

Placer County occasionally contracts with scientific research groups such as the Tahoe Research Group (TRG) and Desert Research Institute (DRI) for technical support on various monitoring efforts. The TRG conducted detailed monitoring and gathered insight on the pollutant treatment effectiveness of the Tahoe City wetlands facility and stormwater treatment basins in Kings Beach. In addition, DRI is assisting Placer County with a new monitoring project for a recently constructed water quality improvement project, the Upper Cutthroat Erosion Control Project in northeast Kings Beach. This project will attempt to quantify the amount of flow reduction through infiltration occurring on this particular water quality improvement project.

Placer County actively participates in the Lake Tahoe Interagency Monitoring Program (LTIMP) to keep informed of new BMP technologies, and to interact with both regulatory and implementing agencies regarding monitoring protocol, standards, and results to improve water quality project effectiveness.

Placer County works with the Lake Tahoe Environmental Education Coalition (LTEEC) to educate the public about how to prevent pollution of Lake Tahoe and ultimately reverse the trend of decreasing lake clarity. The LTEEC is a coalition

sponsored by the University of Nevada Cooperative Extension and the University of California Cooperative Extension, with the goal of assisting many different groups and educational organizations in working together on environmental education projects. An excellent example of LTEEC's work is the *Home Landscaping Guide for Lake Tahoe and Vicinity,* a guidebook to help people "develop vibrant, healthy and low-maintenance landscapes, and to improve water quality within the basin, helping to preserve Lake Tahoe's unique clarity and beauty."

Annual Planning and Reporting Activities

As required by the Phase I permit, an annual report detailing the previous year's stormwater quality program activities is regularly submitted to the LRWQCB. The renewed Phase I permit cycle commenced on October 12, 2005. The permit cycle runs for five years, with the next renewal due in October 2010. Reports are due annually in March (Monitoring and Reporting from Permit Appendix C) and May (any SWMP revisions). Each annual report will detail information from the previous calendar year. An annual program evaluation will be performed at the same time the annual report is created and will be reported with the annual report.

Information to characterize the year's activities will be collected by staff throughout the year and evaluated for each January 1 through December 31. The annual Monitoring and Reporting Program is discussed in Chapter 6, Monitoring and Reporting.

Intra-agency Coordination

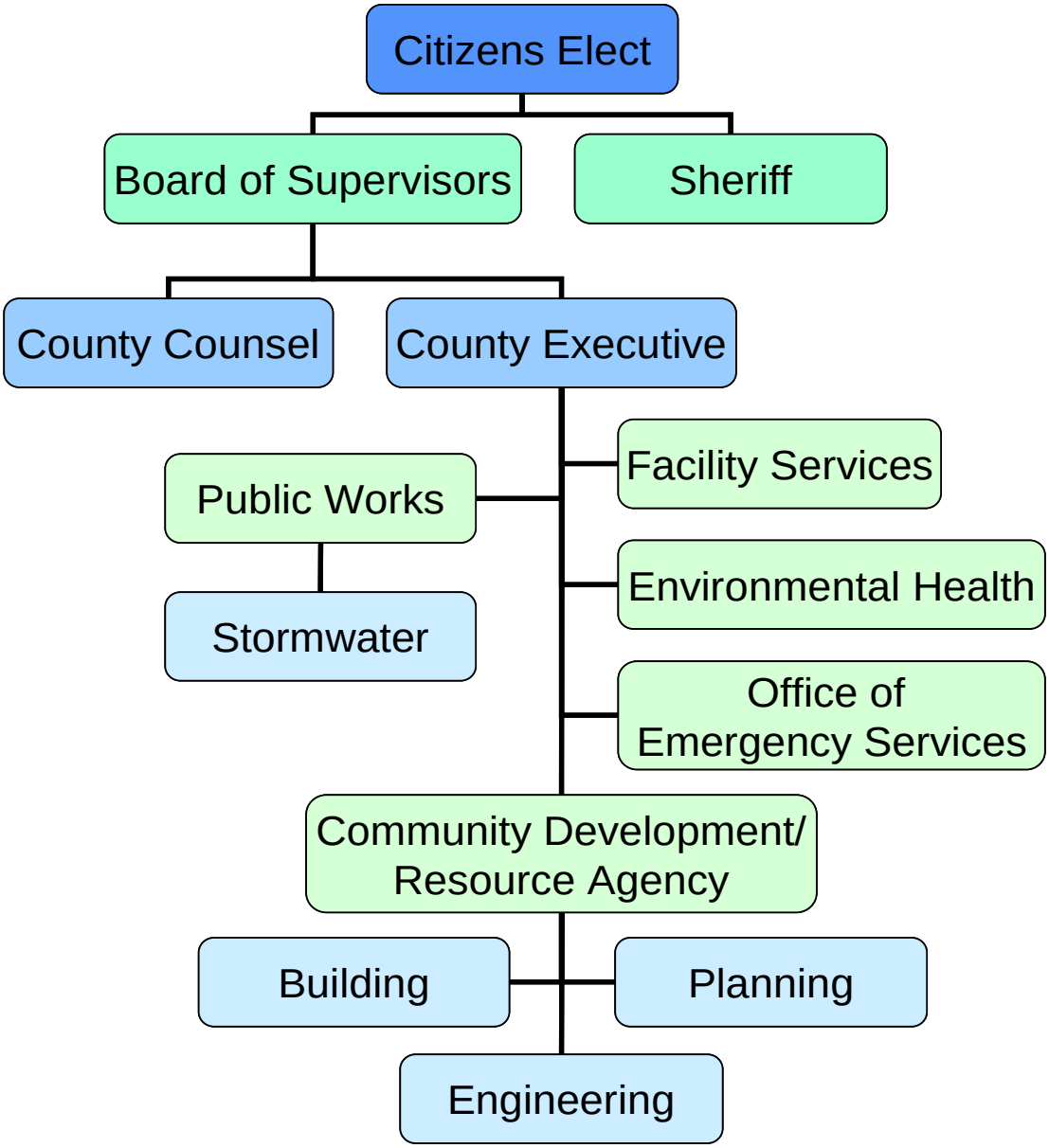
The Placer County stormwater quality program is put into action by personnel in multiple departments (or sections of departments) including:

- Public Works
- Community Development Resources Agency (CDRA) that includes Planning, Building, and Engineering Services Departments
- Environmental Health
- Air Pollution
- Office of Emergency Services
- Facility Services
- Sheriff
- County Executive Office
- County Counsel

The Public Works Department leads the overall program coordination and management with substantial assistance and input from other departments as depicted in this Plan. Consultants are used as needed for specialized technical

tasks such as monitoring and some project design. In 2005 Placer County created a new department, the Community Development Resources Agency, or 'CDRA,' that oversees all development-related functions. CDRA acts as an umbrella agency for the Building, Planning, and former Public Works Land Development section, now titled 'Engineering Services'. The Department of Public Works performs road maintenance, fleet management, traffic engineering, roadway capital improvements, water quality improvement projects, and the stormwater program. Departmental reporting relationships for purposes of the stormwater program are shown in Figure 3-1.

STORMWATER PROGRAM REPORTING RELATIONSHIPS
FIGURE 3-1



Placer County has established an internal Stormwater Task Force made up of upper management representatives from participating departments. The task force is convened on an as-needed basis to meet and discuss stormwater quality program issues. Responsible program contacts are shown in Table 3-1 below.

Placer County Department Contacts
Table 3-1

Department	Responsible Contact	Telephone
Facility Services	Director	(530) 886-4900
Community Development Resources Agency	Director	(530) 745-3000
Engineering Services	Director	(530) 745-3110
Public Works	Director	(530) 745-7500
Environmental Health	Client Services Director	(530) 745-2300
Building	Chief Building Official	(530) 745-3010
Planning	Director	(530) 745-3000
County Counsel	County Counsel	(530) 889-4044
County Executive	County Executive Officer	(530) 889-4030
Emergency Services	Deputy County Executive Officer	(530) 886-5300
Air Pollution Control	Air Pollution Control Officer	(530) 745-2330

The County Executive Office is responsible for oversight of all Placer County business and for maintaining communication with the Board of Supervisors.

The Community Development Resources Agency is the umbrella agency overseeing all development related functions, including Building, Planning and Engineering Services.

The Building Department is responsible for oversight of private structure construction and will assist with construction site stormwater compliance of private projects, particularly with residential construction. The Code Enforcement Section personnel investigate reports of noncompliance with land use policies and provide support for stormwater quality violations.

The Planning Department oversees the creation and implementation of land use policies, including general and area plans. The processing of development projects up to the point of approval are completed by the Planning Commission or other decision maker/making body.

The Engineering Services Department assists Planning with placing conditions on proposed projects, and processes development projects after approval including improvement plan checking, map review, and inspection services. Construction inspection personnel will assist with construction site stormwater compliance, particularly with commercial and industrial projects.

The Public Works Department coordinates the day-to-day activities and administration of the stormwater quality program with substantial assistance and input from other departments. The Public Works Department is responsible for public roadway maintenance, fleet management, traffic engineering functions, roadway capital improvement projects, water quality improvement projects, and stormwater program management.

The Facility Services Department is responsible for operation and maintenance of Placer County parks and County-owned buildings and grounds, including all non-roadway capital construction projects such as buildings and parks. Facility Services will assist the stormwater quality program by applying appropriate stormwater management principles to new Placer County building construction projects, parks management, and facility maintenance.

The Environmental Health Division of the Department of Health and Human Services is in charge of well and septic systems, food facility inspections, hazardous material business plans, kennels, and commercial pools. The Division assists with applying stormwater quality BMPs and in enforcement of stormwater quality requirements such as identifying, responding to, and mitigating illicit and non-stormwater discharges.

The Office of County Counsel assists with legal matters on an as-needed basis, including the development of legal authority documents and review of materials presented to the Board of Supervisors for approval.

The Office of Emergency Services is responsible for coordination of emergency response within Placer County, including hazardous materials spill response coordination by multiple agencies.

The Placer County Sheriff's Office has responsibility for administering the after-hours reporting line and for enforcement of illegal and criminal activity, within the scope of their responsibilities.

The Air Pollution Control District is a special district that enforces local, state and federal air pollution regulations. The District controls air pollution from stationary sources of air pollution in Placer County, monitors air quality, works with the State and local agencies to maintain and improve air quality, and administers the burn day program.

As was shown in Figure 2-1, the stormwater quality program is applicable to that portion of Placer County situated within the Lake Tahoe watershed. Within this area Placer County owns, operates, and maintains a number of facilities. Table 3-2 shows County facilities within the permit area and each facility's functions. In addition, Table 3-2 shows the locations of other County facilities outside the Basin intricate to managing and implementing the Tahoe Basin SWMP.

Placer County Facilities in the Tahoe Basin
Table 3-2

County Facility	Address	Department	Section	Services
West Shore Office	565 West Lake Boulevard, Tahoe City	Community Development Resources Agency		Reviews private development plans. Issues development permits Inspects private development construction.
		Planning	Land Use	Creates planning documents (general plan, community plans, and other policy documents). Provides planning information to public. Processes planning applications.
		Public Works	Tahoe Engineering	Issues and inspects encroachment permits.
		Auburn Code Enforcement	Code Enforcement	Investigates reports of land use and code violations.
		Health and Human Services	Environmental Health	Inspects food facilities. Inspects septic systems. Inspects public pool facilities. Manages hazardous materials program. Manages underground storage tank program.
		Building		Reviews building plans. Issues building permits. Inspects building permits.
West Shore Office Annex	505 West Lake Boulevard, Tahoe City	Assessor		Maintains and provides property information. Completes property tax assessments.
Carnelian Bay Office	5225 North Lake Boulevard, Tahoe City	Child Support Services		Locates parents and collects child support payments.
		Health and Human Services	Various divisions	Provides various medical and mental health services, plus animal control, public health laboratories.

County Facility	Address	Department	Section	Services
		Health and Human Services	Environmental Health	Inspects food facilities. Inspects septic systems. Inspects public pool facilities. Manages hazardous materials program. Manages underground storage tank program.
Burton Creek	2501 North Lake Boulevard, Tahoe City	Public Works	Road Maintenance	Provides road maintenance services.
		District Attorney		Superior Court and Tahoe City Court. Provides criminal justice system services.
		Sheriff		Provides law enforcement services.
Mental Health Services	2969 Lake Forest Road Suite 202, Tahoe City	Health and Human Services	Mental Health	Provides adult mental health and substance abuse services.
Community Clinic	8665 Salmon Avenue, Kings Beach	Health and Human Services		Provides outpatient medical, dental, and pharmacy care to adults and children.
Animal Shelter	849 Shelter Road, Tahoe Vista	Health and Human Services	Animal Control	Provides animal control services and maintains the animal shelter.
Library	301 Secline, Kings Beach	Library		Provides library services.
Library	740 North Lake Boulevard, Tahoe City	Library		Provides library services.
Stormwater		Public Works	NPDES Division	Overall lead for Tahoe Basin stormwater program, delegating tasks to other departments and divisions of County, and clearinghouse for data and reports to be delivered to Lahontan as required by Tahoe SWMP.
Design & Engineering	Pioneer Commerce Center, 10825 Pioneer Trail, Suite 105, Truckee	Public Works	Tahoe Engineering Division	Coordinates with NPDES Division – DPW personnel for implementation of delivering EIP erosion control projects, collection of stormwater outfall data, performing BMP monitoring and maintenance prioritizing, and facilitating other data collection for Tahoe SWMP.

Budget and Staffing

Placer County dedicates 13 full-time staff positions in the Department of Public Works, Tahoe Engineering Division for water quality improvement projects: A Deputy Director. a Senior Engineer, three Associate Civil Engineers, four Assistant/Junior Engineers, two Engineering Technicians, an Administrative Technician and an Administrative Clerk.

The proposed 2006-07 Fiscal Year budget for the Tahoe Engineering Division of the Department of Public Works for EIP water quality projects is $16.35 million. Of this, $1.44 million is County labor cost; $2.03 million is right-of-way acquisition cost, $7.83 million is project construction and management cost, and $5.05 million is design and permitting cost by professional consultants. A small portion (on the order of $90,000) for the 2006-07 Fiscal Year budget of the Tahoe Engineering staff labor is directly dedicated to NPDES compliance activities and field tasks associated with the Tahoe SWMP. These activities are mainly supported by TRPA mitigation funds, as well as Placer County's General Fund and Road Fund. Through the large financial commitment to the EIP, Placer County continues to emphasize construction of water quality improvement projects as a high priority toward improving the overall quality of stormwater runoff, the objective of Task 5-A of the Tahoe SWMP. It should be noted that through the planning of various water quality projects, field observations are made and data collected to support other Tahoe SWMP tasks as detailed in Chapter 5.

Water quality improvement projects are funded through grants from the USFS, which include funds from SNPLMA, CTC, and TRPA mitigation funds. Administrative overhead for water quality improvement projects is generally not eligible for grant reimbursement, and is therefore funded through Placer County's General Fund or Road Fund. Placer County DPW's Tahoe Road Maintenance Division also commits an estimated one full-time equivalent position on maintenance activities associated with stormwater quality facilities, which is funded by Road Funds.

Public Works personnel in Auburn, California, coordinate and manage the County's stormwater quality program. They include a Public Works Manager, Associate Engineer, Assistant Engineer, and Engineering Technician. The Community Development Redevelopment Agency is proposing a new position to enhance TRPA Memorandum of Understanding implementation including water quality compliance. Personnel in other departments (see Figure 3-1) also assist the stormwater quality program with numerous un-quantified contributions to the Tahoe program.

A commitment to perform a fiscal analysis of the activities needed to support the Plan and to provide long-term funding for ongoing Plan activities is contained in Section 5-L (Fiscal Analysis component).

CHAPTER 4. LEGAL AUTHORITY

The LRWQCB has requested that Placer County demonstrate adequate legal authority to enforce the provisions of the Phase I permit and this Plan. This is demonstrated in the legal authority statement provided to the Regional Board on Oct 12, 2006 (see Appendix 2). In addition to the authority provided by the Federal Clean Water Act and State Porter Cologne Water Quality Act controlling discharges of pollutants to waterways, there are a number of existing Placer County codes, ordinances, and policies that provide authority for enforcement of the Phase I permit requirements. These Placer County authorities are summarized in Table 4-A.

Enforcement is administered according to existing Placer County legal authority (Table 4-A) and as described in the legal authority statement. The County Stormwater Quality Ordinance (Appendix 3) includes an extensive section on enforcement actions, giving the County numerous administrative options with which to remedy violations. The County has authority under the Grading Ordinance and other County Code sections to issue stop work notices, to deny future discretionary permits and to abate nuisance conditions.

The Stormwater Quality Ordinance states its purpose (Section 8.28.020) as:

"Prohibiting illicit discharges to the storm drain system; Establishing authority to adopt requirements for stormwater management, including source control requirements, to reduce pollution to the Maximum Extent Practicable; Establishing authority to adopt requirements for development projects to reduce stormwater pollution and erosion both during construction and after the project is complete, and; Establishing authority that will enable the County to implement and enforce any stormwater management plan adopted by the County."

This ordinance is applied county-wide and allows for enforcement of pollutant discharges from residential, construction, industrial, and commercial sites. In addition it prohibits any illicit discharges and connections and gives the County authority to enter and inspect a site.

Existing Placer County Legal Authority
Table 4-A

Authority Source	Provisions	Effect on Stormwater Quality Program
County Code Section 1.24.010	Provides mechanism for enforcement of County codes and provides for penalties.	Enforcement provisions for all County codes.
County Code Section 1.28.010	Provides for right of entry to private property for purposes of enforcement of County codes and ordinances.	Right of entry to enforce County ordinances.
County Code Section 8.16.265 (Solid Waste Ordinance)	Requires use of bear-proof waste containers	Prevent release of litter.
County Code Section 8.16.050	Requires that solid and liquid waste systems shall be operated in such a manner so as not to substantially contribute to pollution	Prohibit non-stormwater discharges.
County Code Section 8.16.140	Requires that construction site wastes be stored properly and removed regularly. Requires that solid waste containers be covered.	Prevent release of construction site wastes and garbage. Prohibits release of garbage, litter, or liquid waste from trash receptacles.
County Code Section 8.16.100	Prohibits disposal of tires in waterways.	Prohibition of a non-stormwater discharge.
County Code Section 10.24 (Abandoned Vehicle Ordinance)	Prohibits abandonment of vehicles and provides for removal and clean up of abandoned vehicles.	Prohibit and/or clean up of garbage and waste from abandoned vehicles.
County Code Section 12.04 (Public Roads and Highways Ordinance)	Requires encroachment permit for alterations to County-owned facilities.	Control illicit connections to County storm drains.
County Code Section 12.28.040	Prohibits discharge of sewage, treated or otherwise, to waters of the County without permit.	Prohibit illicit discharges to County waterways.
County Code Section 12.28.180	Pollution prohibited. Makes it unlawful for any person to cause the water quality of any lake, river, or stream to be altered from previously established water quality.	Makes it unlawful to contribute to degradation in water quality.
	Prohibit pollution of watercourses by hazardous	

Authority Source	Provisions	Effect on Stormwater Quality Program
County Code Section 15.48.020 (Grading Ordinance)	materials, nutrients, sediments, or earthen materials.	Imposes ability to require BMPs and control non-stormwater discharges from grading operations. Requires erosion and sediment control plans for grading.
County Codes Section 17.62.160 (Nuisance Abatement)	Defines uses contrary to the provisions of County Code to be nuisances and provides for abatement processes.	Allows County to mitigate circumstances contributing to water pollution.
County Code Section 18.04 (Environmental Review Ordinance)	Requires mitigation of environmental impacts for projects.	Require mitigation of stormwater impacts from new development.
Placer County Land Development Manual Section 15.01	Requires the use of water quality improvement measures.	Prevent sediment discharges from erosion of development projects.
Placer County Land Development Manual Section 17.01	Requires the use of both source and treatment control BMPs for new and redevelopment projects.	Apply construction and post-construction BMPs to new and redevelopment projects.
County Code Section 8.28 (Placer County Stormwater Quality Ordinance)	Prohibits discharges of pollutants to the storm drain system and provides for compliance and enforcement actions county wide for stormwater quality activities.	Allows the County to enforce federal and state regulations regarding stormwater quality.
Placer County General Plan	Multiple policies.	Guides and controls development practices to encourage or require appropriate water pollution prevention features.
Subdivision Ordinance	Allows imposition of conditions on subdivision applications.	Mechanism for applying BMPs and requiring maintenance thereof.
Zoning Ordinance	Allows imposition of conditions on commercial, industrial, and other development applications.	Mechanism for applying BMPs and requiring maintenance thereof.

Legal Authority Component Tasks
Table 4-B

Tasks	Implementing Entity	Activity	Measurable Goal	Completion Date/ Frequency
4-B(a) County to have legal authority to enact and enforce provisions municipal permit and SWMP.	Public Works, County Counsel, County Executive	Provide statement by legal counsel if the County does or does not have adequate legal authority to implement and enforce each of the requirements in 40CFR 122.26(d)(2)(i)(A-F) and the municipal permit. Include items identified in permit section VI (B). Plan. If so, a plan, with timeline, to develop authority will be provided.	Certified statement completed	Statement was completed October 12, 2006 Appendix 2
4-B(b) Additional legal authority	Public Works, County Counsel County Executive	Provide legal authority through an ordinance to implement stormwater quality program	Authority document completed	Stormwater quality ordinance enacted Oct 22, 2006 Appendix 3

CHAPTER 5. PROGRAM IMPLEMENTATION

General

Chapter 5 depicts the task and subtask activities of each component of the stormwater quality program. For ease of orientation, the Plan components presented below are organized and titled to match the October 2005 NPDES permit (Sections VII, VIII and IX) issued by the LRWQCB. The components include:

5-A Retrofit
5-B Construction
5-C Industrial
5-D Commercial
5-E Residential
5-F Road and Facility Inspection
5-G Traction Abrasive and Deicer Application and Recovery
5-H Education
5-I Illicit Discharge Detection and Elimination
5-J Public Participation
5-K SWMP Effectiveness
5-L Fiscal Analysis
5-M SWMP Revision and Implementation
5-N Impaired Waterbodies and TMDL

The tasks to address each Plan component are detailed in the following sections. Each includes an introductory explanation, a description of current county practices, description of any features including County practice improvements and changes, and a table summarizing subtasks. The tables provide the following information for each subtask:

- Tasks - Performance elements to accomplish the component objectives
- Implementing Entity - Identification of entity responsible for carrying out the task
- Activity - Description of activities to plan and/or accomplish the task
- Measurable Goal - Measures to be used for determining completion/success of the task
- Completion Date/Frequency – The date the task is due, frequency of reporting, or frequency of the task activity.

Each component, where applicable, will include best management practices (BMPs) as specified in the Municipal Permit Section VII and XI-C.

5-A MUNICIPAL FACILITIES RETROFIT COMPONENT

The Municipal Facilities Retrofit Component is the program implemented by the County to improve erosion control and stormwater treatment facilities in the Lake Tahoe Basin. The goal is to meet the water quality objectives as outlined in the Tahoe Basin Plan and identified by TRPA.

The municipal permit requires:

"The County to continue with the facilities retrofit program as implemented for the Lake Tahoe Environmental Improvement Program This includes the planning, designing and construction of erosion control and stormwater treatment projects within Placer County. The projects shall be designed to meet water quality goals and objectives as outlined in the permit. The permit also requires that the County maintain a database of completed projects including the number and location of installed BMPs, what watershed area is treated, amount of impervious area, land use, and project discharge point."

Current Practices

Until this most recent municipal permit cycle, construction of water quality improvement projects (sometimes referred to as erosion control projects) had been the core of the Placer County Tahoe stormwater program. Fifty-one erosion control projects have been completed since 1984. Eleven are planned for completion by 2011. Table 5-1 presents a list of both completed and pending projects. The County has 13 full-time staff in the Public Works Department located at the Truckee office dedicated to programming and delivery of these Tahoe Basin projects. The goal of the erosion control projects is to provide source control as well as disperse, infiltrate and treat stormwater before it reaches the Lake. Water quality benefits stem from removal of fine sediment and nutrients, and reduction in the amount of stormwater entering the lake.

Proposed Activity

Figure 5-1 includes the next generation of 11 projects anticipated to be completed between 2007 and 2011 (ref: Permit Section VIII A.1). Placer County will continue to implement these projects as long as funding is available. Planning for future water quality improvement projects will be contingent upon development of the TMDL. TMDL information will help prioritize projects with respect to attaining highest water quality benefits along with additional project-level water quality monitoring data to be collected over the next few years.

Placer County
Completed and Proposed
Water Quality Improvement Projects
Table 5-1

PROJECT NAME	CONSTRUCTION YEAR	PROJECT NAME	CONSTRUCTION YEAR
Agate Bay	1989	Kings Beach	1996
Agate Road	1995	Kings Beach CCIP	2010
Agate Road Phase II	1995	Kings Beach Industrial	2009
Agate Road Phase III	1995	Kings Beach Residential	2009
Alpine Peaks 1A	1990	Kingswood West I	1992
Alpine Peaks 1B	1991	Kingswood West II	1992
Alpine Peaks II	1990	Lake Forest	2010
Bearing Drive	1985	Lake Tahoe Park	2006
Beaver Street	2003	McKinney Rubicon Springs	1985
Brockway	2007	National Ave	2000
Burton Creek	2000	Nightingale Road	1992
Carnelian Drive	1989	Nile Road	2002
Carnelian Woods	1990	Old County Road	1987
Chambers Lodge	1996	Ridgewood	1994
Deer Street	1994	Sequoia Avenue	1985
Dollar Point	1988	Skyland I	1987
Estates Drive	1990	Skyland II	1991
Fern Street	2002	Snow Creek	2001
Forest Road	1995	Tahoe City Residential	2008
Fox Street I	1985	Tahoe City UIP	2000
Fox Street II	1994	Tahoe Estates	2008
Griff Creek I	1984	Tahoe Park Heights	1996
Griff Creek II	1994	Tahoe Pines	2008
Holly Road I	1990	Tahoe Swiss Village	1988
Holly Road II	1992	Tahoe Transit Facility	2008
Homewood	2011	Talmont	1988
Homewood Canyon	1998	Tamarack Road	1989
Kailua Park I	1991	Timberland	2005
Kailua Park II	1994	Trout Street	1989
McKinney Estates	1990	Ward Creek Blvd	1984
West Sunnyside	2008	Upper Cutthroat	2004

TRPA's EIP list is used to identify and prioritize potential projects (ref: Permit Section VIII A.2). The funding agency(s) are consulted to identify priorities among potential projects, thus the choice of project is part of a highly collaborative effort between the funding agencies, regulatory agencies, general public and Placer County Public Works staff in the Tahoe Engineering Division office. Project selection also includes consideration of data from the semi-annual inspection and maintenance reports, i.e., information is used to identify problem areas where water quality improvements are warranted.

Per the Permit, *"Permittees shall maintain a database of completed water quality improvement projects that includes the number and location of installed BMPs, the treated watershed areas, amount of impervious area, land use, and project discharge points"*.

The DPW Tahoe engineering staff currently maintains project data in a Windows Excel database to facilitate monitoring of all constructed stormwater BMPs. This existing information and the additional required information will be consolidated into a water quality project inventory GIS database, a sample of which is shown in Appendix 4. To the extent practical, DPW will incorporate information from an existing water quality database (currently available on the internet at http://www.ntcd.org/documents.htm, by the Nevada Tahoe Conservation District with the collaboration of numerous other agencies) into the County-level database. Additional information will be gathered in the field utilizing GPS units. It is anticipated that necessary field work will take place during the Summers of 2007, 2008 and 2009 and that the database will be amended throughout the Fall and Winter of 2008/2009, scheduled for completion by May 1, 2010. A progress report concerning mapping efforts will be included with each annual report. Any changes to the proposed schedule will be noted at that time. Interim report correspondence will occur if extreme or unpredicted difficulties arise in either schedule or database administration.

Placer County
Project Tracking Database
Development Schedule
Table 5-2

Project Tracking Database Development Schedule (ref: Permit Section VIII A.3).	
Database Feature	**Calendar Year**
Existing Projects Mapped into Database	2007
Map Watershed Areas (TRPA data set – Appendix 5)	2007
Map Number and Location of Installed BMPs	2007-2008
Map Impervious Area and Land Use	2008-2009
Project Discharge Points (developed from outfall mapping)	2007-2009
Final Database Production	May 1, 2010

The County will continue to design all erosion control and stormwater treatment projects to meet the water quality goals and other requirements of the Permit, including numeric effluent limitations; project design utilizing the preferred design approach; and use of the TRPA BMP guidance. Plan Component 5-A(b) describes Placer County's commitment to performing additional water quality monitoring on behalf of water quality improvement projects as long as adequate personnel and funding are available.

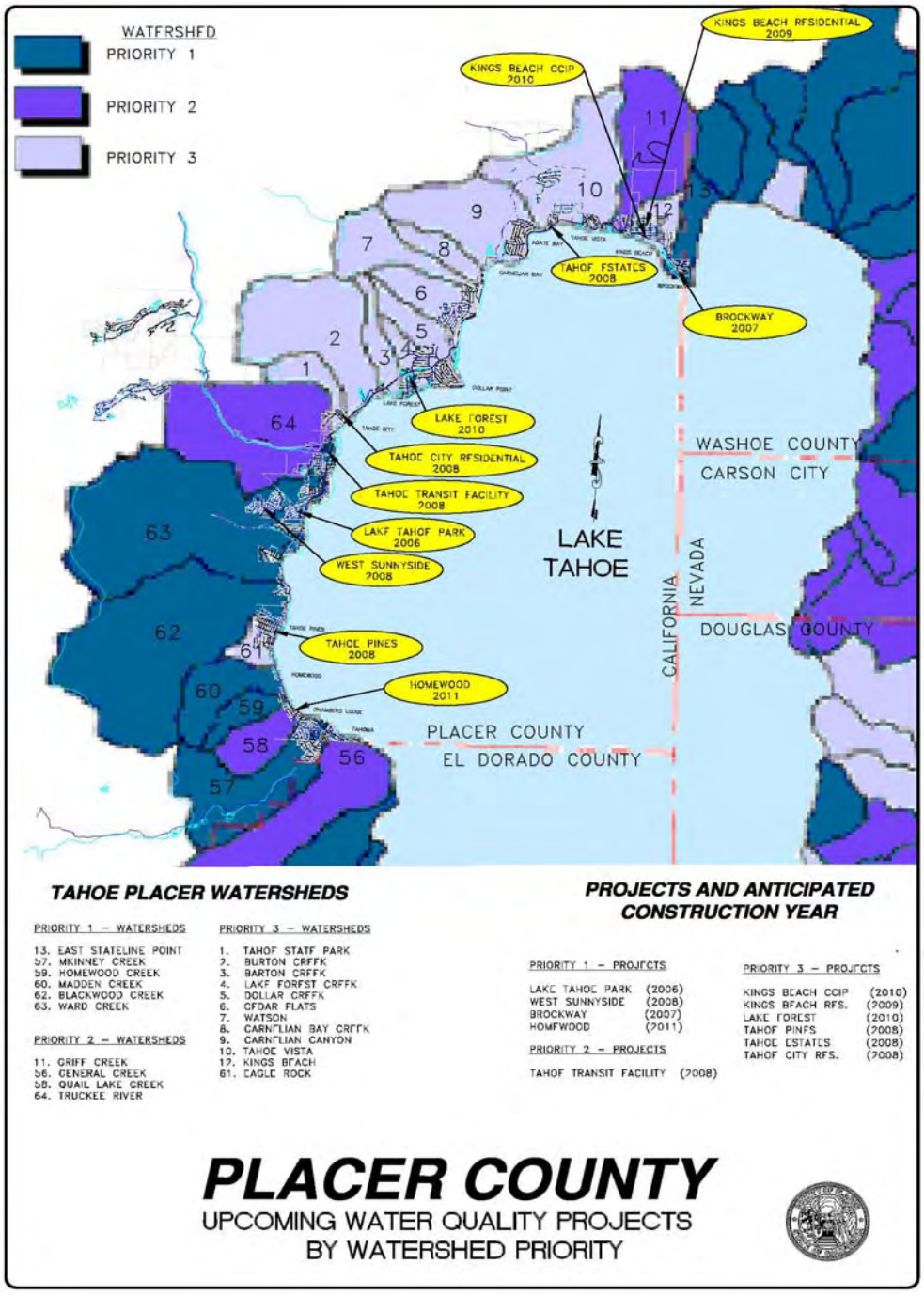

WATERSHED
PRIORITY 1
PRIORITY 2
PRIORITY 3
KINGS BEACH RESIDENTIAL 2009
KINGS BEACH CCIP 2010
TAHOE ESTATES 2008
BROCKWAY 2007
LAKE FOREST 2010
TAHOE CITY RESIDENTIAL 2008
TAHOE TRANSIT FACILITY 2008
LAKE TAHOE PARK 2006
WEST SUNNYSIDE 2008
TAHOE PINES 2008
HOMEWOOD 2011
LAKE TAHOE
WASHOE COUNTY
CARSON CITY
CALIFORNIA
NEVADA
DOUGLAS COUNTY
PLACER COUNTY
EL DORADO COUNTY
TAHOE PLACER WATERSHEDS
PRIORITY 1 – WATERSHEDS
13. EAST STATELINE POINT
57. MCKINNEY CREEK
59. HOMEWOOD CREEK
60. MADDEN CREEK
62. BLACKWOOD CREEK
63. WARD CREEK
PRIORITY 2 – WATERSHEDS
11. GRIFF CREEK
56. GENERAL CREEK
58. QUAIL LAKE CREEK
64. TRUCKEE RIVER
PRIORITY 3 – WATERSHEDS
1. TAHOE STATE PARK
2. BURTON CREEK
3. BARTON CREEK
4. LAKE FOREST CREEK
5. DOLLAR CREEK
6. CEDAR FLATS
7. WATSON
8. CARNELIAN BAY CREEK
9. CARNELIAN CANYON
10. TAHOE VISTA
12. KINGS BEACH
61. EAGLE ROCK
PROJECTS AND ANTICIPATED CONSTRUCTION YEAR
PRIORITY 1 – PROJECTS
LAKE TAHOE PARK (2006)
WEST SUNNYSIDE (2008)
BROCKWAY (2007)
HOMEWOOD (2011)
PRIORITY 2 – PROJECTS
TAHOE TRANSIT FACILITY (2008)
PRIORITY 3 – PROJECTS
KINGS BEACH CCIP (2010)
KINGS BEACH RES. (2009)
LAKE FOREST (2010)
TAHOE PINES (2008)
TAHOE ESTATES (2008)
TAHOE CITY RES. (2008)
PLACER COUNTY
UPCOMING WATER QUALITY PROJECTS
BY WATERSHED PRIORITY

FIGURE 5-1

SWMP Retrofit Component Tasks
Table 5-A

Task	Implementing Entity	Activity	Measurable Goal	Completion Date/ Frequency
5-A(a) Plan, design, and construct water quality improvement projects (ref: Permit Section VIII.A.3)	Public Works	Continue to pursue grant funding for retrofits; plan, design and construct projects; Monitor projects after completion according to individual project requirements.	As many grants as practical with resources that are available.	Ongoing.
5-A(b) Plan all future projects, as funding is available, per the SWQIC processes and project delivery tools. Track TMDL development.	Public Works	Annually update water quality improvement project list based on TMDL information and funding availability. SWQIC processes such as preferred design approach, source control, etc	Annual update and review.	Ongoing.
5-A(c) Detailed plan and schedule to develop and implement a project tracking database. (ref: Permit Section VIII.A.4)	Public Works	Developed plan for a database to include number of BMPs, location, treated area, impervious area, land use, and discharge point(s). Developed database milestones and provisions for reporting progress**.**	Initial plan developed with milestones established.	Completed May 1, 2007 Appendix 6
5-A (d) Database maintenance	Public Works	Report progress, updates, and modifications	Annual review/update completed	Annually on March 15

5-B CONSTRUCTION COMPONENT

The Construction Component is the program by the County to educate, monitor, and enforce a stormwater quality program at every construction site.

The municipal permit requires that *"Each Permittee shall implement a Construction Component of its SWMP to reduce pollutants in runoff from construction sites that involve more than three cubic yards of soil disturbance during all construction phases".*

5-B.1 Grading Ordinance Review

The Permit requires that *"Each Permittee shall review, and update if needed, its grading ordinances to ensure compliance with this Order. The grading ordinance or other regulatory mechanisms shall require implementation of water quality protection BMPs and other measures during all construction phases."*

Current Practices

The County has reviewed construction processes and the grading ordinance, which resulted in changes of the grading ordinance in order to comply with the Permit requirements (ref: Permit Section VIII.B.1 and Section VII B.1 and B.2). The grading ordinance revisions were approved by the Placer County Board of Supervisors on April 3, 2006. The stated purpose of the Grading Ordinance is:

"15.48.020 Purpose. The ordinance codified in this article is enacted for the purpose of regulating grading on property within the unincorporated area of Placer County to safeguard life, limb, health, property and public welfare; to avoid pollution of watercourses with hazardous materials, nutrients, sediments, or other earthen materials generated on or caused by surface runoff on or across the permit area."

A number of revisions were implemented to enhance water quality protection and to bring consistency with existing Phase 1 and Phase 2 permits (ref: Tahoe Basin Permit Section.B.2). Grading ordinance revisions resulted in two significant changes for the Phase 1 permit area:

- Grading permits are required for all construction in the Tahoe Basin where three or more cubic yards of earthwork is to occur. In these cases, permittees must abide by an equivalent set of erosion control criteria listed in Section VII.B.2 (pp. 14-15 of permit). A copy of Placer County's updated grading ordinance is attached in Appendix 3.

- CDRA has secured an additional Assistant Engineer position in the Tahoe City office to support the additional permitting workload and anticipated increase in stormwater compliance inspections.

In addition, the grading ordinance includes the following BMPs or equivalent:

A. Erosion prevention
B. Slope stabilization
C. Phased grading and realistic scheduling to ensure projects are complete or winterized by October 15 of each year
D. Revegetation/soil stabilization as early as feasible
E. Native/existing vegetation preservation
F. Stream Environment Zone protection
G. Source control and temporary construction BMP maintenance
H. Retention and proper management of sediment and other construction pollutants on site

Proposed Activity

The grading ordinance was recently reviewed and updated to ensure compliance with the Permit. Compliance inspections for grading permits are currently completed on a complaint driven basis. CDRA recently hired a new employee to assist in the processing and inspection for grading permits. The County will continue to review its process of grading permit inspections with a goal of improving inspection frequencies (Task 5B (c), Table 5-B).

5-B.2 Construction and Grading Approval Process

The permit requires that *"Prior to approval of local construction and grading permits, Permittees shall require each proposed construction and grading project that involves more than three cubic yards of soil disturbance to implement measures to reduce pollutant discharges from the construction site".*

Current Practices

Placer County has established procedures for applying and enforcing construction site stormwater pollution control measures, including construction plan reviews to ensure proper erosion and sediment controls, and BMP implementation. Building permits (individual sites), encroachment permits, and some non-residential grading permits are issued at the Placer County office in Tahoe City. The approval process for environmental reviews, project conditionings, and improvement plans (more than one building or one lot improvements, commercial and industrial sites) occurs at the

Placer County offices in Auburn. Frequently applied standard conditions for water quality control for development project approvals are listed in Appendix 7.

The County requires that each proposed construction or grading project involving more than three cubic yards of soil disturbance apply for a permit and implement measures to eliminate pollutant discharges from the construction site. These permits are managed through the CDRA office in Tahoe City; a sample grading application form is included in Appendix 8 (ref Permit Section VIII.B.2). Permits and other project information are kept in the County's Tahoe City office. Inspectors in the Tahoe City office perform a pre-construction BMP inspection to insure BMPs are installed before construction begins on all residential construction.

The County uses an automated permit tracking program called PLUS to track project processing and approval information, including information concerning all construction and grading permits. All issued permits are tracked through the PLUS database. Additional staff training and software adjustments are occurring to assist with site inspections.

The following requirements are part of the County's current grading and construction permits (ref Permit Section B.2 a-k)**:**

A. Require project proponent to develop and implement a plan to manage storm water and non-storm water discharges from the site at all times, and to emphasize erosion prevention as the most important measure for keeping sediment on site during construction

B. Require project proponent to minimize cleared and graded areas; minimize exposure time of disturbed soil areas; and utilize sediment and erosion controls as a supplement to erosion prevention for keeping sediment on-site during construction, and not as the single or primary method.

C. Require project proponent to stabilize all slopes as soon as possible

D. Require project proponent to winterize all graded areas no later than October 15 of each year

E. Require project proponents subject to the General NPDES Permit for Storm Water Discharges Associated With Construction Activities in the Lake Tahoe Hydrologic Unit (hereinafter General Construction Permit) to provide evidence of coverage, or application for coverage, under the General Construction Permit

Appendix 8 is the County's current grading permit application.

Proposed Activity

Although the County has an active construction approval process, which meets the municipal permit requirements, the County will continue to review and revise its processes, as appropriate, to improve implementation of the program. The County will also update the PLUS database to better track grading and construction site inspections.

5-B.3 Source Identification

The permit further requires that *"Permittees shall develop and annually update an inventory of construction sites within its jurisdiction that involve more than three cubic yards of soil disturbance."*

Current Practices

A construction site inventory was compiled from Placer County permit records on May 1, 2006 (ref: Permit Section VIII.B.4). The inventory is actively managed through the PLUS database as permits are issued and finalized. An updated inventory for the May 1, 2007 progress report is provided with the SWMP (Appendix 6).

Proposed Activity

The County will continue to track and maintain a construction and grading permit database.

5-B.4 Prioritization Based on Threat to Water Quality

The permit requires that *"Permittees shall develop a prioritization process for its watershed-based inventory (developed pursuant to VII.B.3 above) by threat to water quality. Each construction site shall be classified as a high, medium, or low threat to water quality. In evaluating threat to water quality each Permittee should consider (1) soil erosion potential; (2) site slope; (3) project size and type; (4) stage of construction; (5) proximity to receiving water bodies; and (6) any other factors the Permittee deems relevant."*

Current Practices

The County does not currently have a prioritization-based process for the construction inventory. Current priority is given to Improvement Plan Projects, as these are generally large scale projects (more than an acre) and are deemed to

pose more of a threat to water quality. These projects are usually inspected daily due to the complexity of the site work and conditions of approval. Building permit projects are reviewed less frequently, as they typically pose less of a threat to water quality and inspections are completed on an on-call basis (i.e., builder calls for a framing inspection). Grading permits are issued to any site with disturbance of 3 cubic yards or more. Usually, these are associated with building construction and are inspected as detailed in 5.B.2 above.

Proposed Activity

Construction sites will be prioritized for stormwater compliance inspections at all construction sites under permit with the County. During the construction season (May 1 through October 15) inspections will be conducted according to this site priority designation (ref: Permit Section VIII.B.6). High priority sites will be monitored weekly and low and medium priority sites will be monitored monthly or more frequently if necessary to ensure compliance.

The County is working on adding a classification field to the current PLUS database system to include the site priority. One field in the database will be noted as a stormwater quality priority. Site priority will be established when the permit is initiated. The permit application will be reviewed for the six factors shown below and in consideration of the TRPA rating system. This will be done through a reviewer checklist (i.e., the checklist will address each factor such as, “Is site within 50 feet of water way?”). Inspection priority will be assigned after County staff reviews TRPA rating (IPES and Bailey) in combination with the six factors below. Physical site inspections may be necessary to confirm information and judge the risk to water quality. If the permit meets any of the checklist criteria, it will be given a “High” priority. All others will be rated as “Normal.” During the permit review or during actual construction/grading activities the priority may change (such as site conditions change or initial permit features change).

The following will be considered when determining threat to water quality:

1. Soil erosion potential (using TRPA land classification as a minimum guide)
2. Steepness of site slope
3. Project size and type
4. Stage of construction
5. Proximity to the Lake or an SEZ
6. Sites and/or contractors with a previous history of non-compliance

A construction site prioritization plan was submitted on May 1, 2006, to the Lahontan Board and is included in Appendix 9 (ref: Permit Section VIII.B.5).

5-B.5 Construction Site Inspection

The Permit requires that *"Each Permittee shall conduct construction site inspections for compliance with its ordinances (grading, storm water, etc.), permits (construction, grading, etc.), and this Order. Inspections shall include review of site erosion control and BMP implementation plans. And shall establish inspection frequencies and priorities as determined by the threat to water quality prioritization described in VII.B.4 above. During the construction season (May 1 through October 15 of each year), each Permittee shall inspect, at a minimum, each high priority construction site (as determined by prioritization pursuant to V.B.4 above) weekly. And based upon site inspection findings, each Permittee shall implement all follow-up actions necessary to comply with this Order."*

Current Practices

The County has a different inspection protocol for the different permit types. Generally, there are three categories:

- Improvement projects (which includes County initiated public works projects, and private industrial, commercial and multi-family projects)
- Single family residential projects
- Grading projects

Improvement projects, because of their typically larger size and scope, generally have the greatest potential for erosion and pollutant discharge. These projects are usually subjected to an extensive environmental review process and are permitted subject to numerous conditions of approval. County inspections are continuous throughout the active construction period and are performed by County staff and/or professional consultants, who are on-site daily, in most cases. Written inspection reports are prepared and maintained in the project files. These inspection reports note any problems, issues, and actions taken to correct those matters. The inspection reports also indicate the inspector's name, date, weather and project identification. Examples of inspection reports are shown in Appendix 10.

Single family residential construction and remodel work is permitted and inspected by the County's Tahoe City Building Department. Inspection records for these construction projects include the number of inspections, BMP discrepancies and BMP compliance actions. In addition, new single family residences are inspected with the cooperation and coordination of the Tahoe Regional Planning Agency (TRPA). The TRPA/County relationship and associated responsibilities are defined in several Memorandums of Understanding (MOUs) as shown in Appendix 11. Placer County performs specific BMP inspections at these new residential sites such

as pre-grading inspections, regular compliance inspections, and an additional inspection after completion of the project to ensure the completion of post-construction BMPs.

Grading permits (3 cubic yards or more ground disturbance) are generally associated with either residential construction or improvement projects. Very few, if any, grading permits are for grading activity only, though minor utility work may be the most often encountered example. Grading-only projects are typically inspected based on public complaints or reported observations by various County staff (usually road maintenance personnel) as they perform their usual duties. The County's Tahoe Building Department inspects residential grading permits on their numerous site visits and notes any comments on the inspection cards.

For enforcement compliance, all construction sites with stormwater quality issues are noted on the inspection documentation and the project proponent, agent, or contractor is notified, given a deadline for required corrections, and scheduled for a re-inspection as appropriate. Current enforcement mechanisms are included within the current County permits and codes. Placer County's stormwater ordinance (Appendix 3) was enacted on October 22, 2006 and is the primary reference for enforcement (ref: Permit Section VIII.B.8). Construction site compliance is administered by the site inspector according to the process described in Chapter 4 of this SWMP. Inspectors currently keep records on site inspections and give notice to violators with a check list form (see Appendix 12). Notes are made as to necessary follow up actions. The Stormwater Quality Office is then informed of issues and follow up actions. This information is kept in a stormwater permit management database called Asist for tracking (Permit Section VIII.B.7).

Proposed Activity

The County is working on incorporating the BMP checklist (Appendix 12) into the building inspectors' checklist to better track BMP issues and follow up actions. This data will be entered into a spreadsheet for tracking purposes. In addition, the County has hired a new employee in the Tahoe City Office to assist with processing, inspection and enforcement of grading permit activities. The County will develop a priority system to track and monitor grading only activities to ensure these permittees are meeting the stormwater quality program requirements.

After discussion with TRPA the County is in the process of considering for implementation the following system to consistently prioritize construction inspections:

- All construction project BMPs on the Tahoe Lakefront and in the TRPA Scenic corridor are inspected by TRPA staff, with County staff inspecting UBC building requirements (framing, electrical, plumbing, etc). These Lakefront and Scenic corridor projects will be prioritized and have BMP inspections by TRPA staff.

- Currently, TRPA reviews and approves all building plans. Plans for *new residential construction on vacant parcels* (non-lakefront and non-scenic corridor) are approved when the Individual Parcel Evaluation System (IPES) has a certain minimal score which takes into account water quality items 1, 2, and 5 discussed above (soil erosion potential, steepness of slope, proximity to lake or SEZ). Currently, approval by TRPA implies that the parcel is probably in a non-sensitive area and is probably a low or medium priority. Placer County staff will further evaluate the project for water quality items 3, 4 and 6 (project size and type, stage of construction, previous history of site) to determine its final prioritization category.

- Currently, many Placer County construction projects are remodels or additions in non-lakefront and non-scenic corridor areas. These projects are usually prioritized by TRPA using the Bailey system of land classification. This system has 9 categories. If TRPA classifies a project as 1a, 1b, 1c, 2 or 3 then County staff will consider it as high priority. If TRPA classifies a project as 4, 5, 6 or 7 then County staff will further evaluate the project for water quality items 3, 4 and 6 (project size and type, stage of construction, previous history of site) to determine its final prioritization category. Physical site inspections may be necessary to confirm information and judge the risk to water quality. A project's prioritization may change as the project progresses. For example, a project may start as a high priority during its foundation construction and evolve into a lower priority as the construction continues.

5-B.6 Construction Activity Education

The permit requires that *"Permittees shall implement an education program to educate construction, building, and grading review staff and inspectors (Internal: Municipal Staff). Permittees shall develop a program to educate project applicants, contractors, developers, property owners, and other responsible parties (External)."*

Current Practices

The County currently holds three to five construction/municipal training workshops each year at various locations. These include training for staff, project applicants, contractors, developers, property owners, and other responsible parties (Permit Section VIII.B.9). The training includes class room instruction as well as site visits for hands-on instruction. Additional details for the construction education program are described in Section 5-H (Education component) of this Plan. In addition, the County has informational materials about water quality protection requirements that are provided to all permit applicants as well as information available on the County Stormwater Quality Web site at http://www.placer.ca.gov/Works/StrmWtr.aspx (Appendix 13). Target groups such as contractors and business owners have been sent direct mailing for stormwater quality education (Appendix 14).

Proposed Activity

The County will continue to hold annual training for internal staff and external parties. Training will be held, at minimum, once a year for each group. In addition, the County will continue to provide educational materials with each permit application and will maintain the stormwater quality web site.

SWMP Construction Component Tasks
Table 5-B

Task	Implementing Entity	Activity	Measurable Goal	Completion Date/ Frequency
5-B(a) Revise grading ordinance to apply to all construction sites moving 3 cubic yards or more soil.	Engineering Services, Public Works	Revised ordinance approved by the Board of Supervisors	Updates made	Completed April 13, 2006 (Permit required by May 1, 2009) (Appendix 3)
5-B(b) Update construction and grading project requirements in local grading and construction permits	Public Works, Engineering Services, Building, TRPA, TRCD, LRWQCB	Review site erosion control and BMP implementation plans. Educate field personnel, public, and contractors in correct inspection and BMP implementation practices.	All required sites have implemented effective stormwater quality BMPs Complete training annually	Ongoing.
5-B(c) Conduct construction site inspections for compliance with County ordinances and permits and with the Municipal Permit	Public Works, Engineering Services, Building, TRPA, LRWQCB	Inspect all sites for compliance with local ordinances. Require a WDID number of proof that NOI was filed prior to permit being issued.	All sites inspected at appropriate frequencies	Ongoing
5-B(d) Create active construction site inventory and update as needed to support construction program and site prioritization	Public Works, Engineering Services, Building	Prepare an active construction site inventory and prioritization database plan.	A complete inventory of all active construction and grading permits. Prioritization plan completed	Submitted May 1, 2006
5-B(e) Update construction site inventory as needed to support construction program and site prioritization	Public Works, Engineering Services, Building	Maintain an active construction site inventory and database prioritization	Data input and maintained produce desired reports	Annually, May 1
5-B(f) Implement construction education program	Public Works, Building, Planning, Facility Services, Environmental Health, Engineering Services	Train involved Placer County personnel, contractors, owners and engineers. And/or participate in development community workshops. Distribute construction site BMP information with development applications.	Conduct or participate in at least one training course annually.	Annually

5-C INDUSTRIAL COMPONENT

The Industrial Component is to identify industrial land uses in the Tahoe Basin portion of Placer County and develop and apply criteria to prioritize such uses according to threat to water quality.

The municipal permit requires that "*Each Permittee shall develop and implement an Industrial Component to reduce pollutants in runoff from industrial sites within its jurisdiction."*

5-C.1 Source Identification

The permit further requires that *"Each Permittee shall develop and annually update as needed an inventory of industrial sites the Permittee has identified within its jurisdiction regardless of site ownership. The inventory shall include the following minimum information for each industrial site: name, address, and a narrative site description".*

Current Practices

New and modified industrial facilities are evaluated for environmental effects as part of the County's project review and approval process. Where environmental impacts are identified, mitigation measures are typically required to reduce or eliminate detrimental effects, which include short- and long-term water quality conditions. Discretionary land use permits usually include conditions of approval addressing stormwater quality specifics during and after construction. Appendix 7 is a sample of "standard" water quality protection conditions of approval frequently applied to projects, though there are often "special" conditions relating to the unique attributes of a given project.

Other activities involving non-discretionary permits or approvals may also be subject to specific conditions or restrictions relating to the various applicable County, State, or Federal codes, standards, or permit requirements, under which that operation is conducted. Locally, this means that industrial activities are required to comply with, among other things, the County's grading and stormwater quality ordinances, hazardous materials and waste storage and handling codes, zoning and use limitations specified by code, and anti-pollution/degradation regulations.

For many existing industrial sites and activities, the County's Environmental Health office performs an annual inspection for health codes requirements at which time they will look for any illicit discharges. If stormwater quality issues are noted, the Environmental Health inspector will notify the Stormwater Quality office. The Stormwater Quality office will then act in accordance to the urgency of the situation. If an emergency discharge, the Environmental Health inspector would act immediately. If less urgent, then the Stormwater Quality office would complete a

detailed inspection with notice and recommendations given to the property owner. Follow-up inspections are performed by the Stormwater Quality office as deemed necessary. If corrective actions have not been taken, the matter is referred to the County's Code Enforcement Office for enforcement. Environmental Health also administers the hazardous materials inspection program that ensures proper handling and storage of hazardous materials in regulated facilities. The County Office of Emergency Services administers the hazardous materials response program to prevent spill materials from affecting waterways.

The County has developed stormwater quality brochures which are given at the counter, mailed to target groups, and are available on the County web site to instruct industrial owners of proper water quality practices (Appendixes 14 and 15). The County has trained its field personnel (road crews, inspectors, etc) regarding stormwater quality and detection of illicit discharges. The Stormwater Quality office is notified if issues are noted within their daily duties. In addition, the general public, especially in the Tahoe basin, has a heightened sense of awareness concerning these issues and will frequently notify the Stormwater Quality office of infractions via a dedicated phone line or through the County web site.

Proposed Activity

The County has created an initial inventory database of industrial sites, as of May 1, 2007. The inventory is included as part of this SWMP (Permit Section VIII.C.1) in Appendix 16. The industrial land use database for the Tahoe Basin is built using land use and zoning information from both the Planning Department and Assessor's Office, and is verified through site reviews**.** Industrial sites include the following at a minimum, and any other industrial uses defined as such by the Placer County code:

- Manufacturing facilities
- Hazardous waste treatment facilities
- Solid waste transfer stations
- Recycling facilities
- Transportation facilities
- Wastewater treatment facilities

This inventory will be updated annually and prioritized based on the plan outlined in the May 1, 2007, SWMP progress report (Appendix 6).

In addition, on-going discussions with TRPA staff regarding data collection, sharing , and coordination will assist in making a consistent prioritization methodology between both agencies.

5-C.2 Threat to Water Quality Prioritization (Industrial)

The permit further requires that: *"To establish priorities for industrial oversight activities, the Permittee shall prioritize its watershed-based inventory developed pursuant to VII.C.1 by threat to water quality.*

*"*Current Practices

Threat to water quality is currently reviewed in routine activities as explained in section 5C.1, above.

Proposed Activity

A prioritization system based upon potential threat to water quality was developed for the May 1, 2007, report, considering the following (ref: Permit Section VIII.C.2, Appendix 6). This initial assessment will be updated annually to reflect any changes to the sites or the inclusion of new sites.

- Type of industrial activity;
- Materials used in industrial processes;
- Wastes generated;
- Pollutant discharge potential;
- Non-stormwater discharges;
- Size of facility;
- Proximity to receiving water bodies; and
- Other factors deemed relevant.

5-C.3 Industrial Site Outreach

The permit further requires that: *"Each Permittee shall develop a program to inform high priority industrial site operators of the importance of storm water runoff control and storm water pollution prevention Permittees shall inform Regional Board staff of any industrial site that does not comply with local regulatory measures or this Order".*

Current Practices

The County currently informs new and changing industrial activity proponents about the stormwater quality program and appropriate water quality protection practices through the development project review and approval processes where stormwater quality conditions are evaluated for that particular business activity or facility purpose. The County also sends mailings to target audience (Appendix 14). Target industrial activity information for stormwater quality practices is available on the County web site, and new materials and information is added as it is developed. The County responds to 100% of issues reported to Stormwater Quality staff through

any of the reporting mechanisms described in this document or when an issue at the site is being addressed (complaint driven).

Proposed Activity

With the use of the industrial site database, an education program will be developed to distribute information to high priority areas or activities annually to stress the importance of stormwater runoff control and stormwater pollution prevention (ref: Permit Section VIII.C.3). This program will consist of educational mailers which include information on the program, applicable ordinances and contact information. In addition, a program will be developed to complete random site inspections of high priority sites to ensure compliance. If any site is not in compliance, appropriate actions will be taken by the Stormwater Quality Office with a follow-up inspections scheduled as appropriate. If noted problems are not resolved in a timely and effective manner, the site will be referred to the County Code Enforcement staff for further enforcement action. Enforcement will be applied as described in Chapter 4.

County staff will notify the Regional Board of any non-complying industries through e-mail, phone call or letter (Permit Section VIII.C.4).

SWMP Industrial Component Tasks
Table 5-C

Task	Implementing Entity	Activity	Measurable Goal	Completion Date/ Frequency
5-C(a) Develop inventory of industrial sites	Public Works, Planning, Assessor	Create a list of industrial sites in the Placer Tahoe Basin.	Initial list created	Completed May 1, 2007
5-C(b) Update inventory of industrial sites	Public Works, Planning, Assessor	Update list of industrial sites in the Placer Tahoe Basin.	List updated	Annually, with Annual Report March
5-C(c) Industrial site prioritization	Public Works, Environmental Health	Create a detailed plan to conduct industrial site prioritization based on threat to water quality.	Prioritization plan completed	Completed May 1, 2007
5-C(d) Education program for high priority industrial site operators	Public Works, Environmental Health	Deliver educational outreach materials or training to high priority industrial site operators.	Outreach effort (handouts or training) following completion of prioritization at least once annually	Annually
5-C(e) Notify the State of non-complying industries.	Public Works	Identify industrial users subject to State industrial stormwater permits without such permits, and notify the State.	List of all non-complying sites (if any) reported to the Regional Board	Annually, with Annual Report due March 15th

5-D COMMERCIAL COMPONENT

The Commercial Component will enable the County to target the reduction of pollution from commercial sites.

The permit requires that "*each Permittee shall implement a Commercial Component to reduce pollutants in runoff from commercial sites."*

5-D.1 Source Identification and Prioritization (Commercial)

The permit further requires that: *"Each Permittee shall develop and annually update an inventory of high priority threat to water quality commercial activities/sources."*

Current Practices

The County currently reviews commercial activity and development through the project review and permitting processes (as described in section 5-C.1 above). Each new, remodeled, or redevelopment project is typically subject to conditions of approval including stormwater quality standards. Appendix 7 presents a sample of "standard" stormwater quality conditions.

In addition, the County has created stormwater quality brochures which are mailed to target commercial activities and are available at the County's public counters, in public libraries, and on the County web site to instruct commercial owners on proper water quality practices (Appendix 15).

Commercial sites have been identified and inventoried for the May 1, 2007 report, as shown in Appendix 6 (ref Permit Section VIII.D.1). The database was prioritized by threat to water quality, by determining commercial activity and materials used, potential pollutant discharge and proximity to water bodies, facility size, and types of potential discharges. The commercial site inventory initially considered the following types of businesses as high priority sites:

- All types of automotive
- Equipment repair, maintenance, fueling, or cleaning
- Fueling sites
- Eating and drinking businesses
- Mobile cleaners
- Concrete mixing or cutting
- Painting and coating
- Golf courses, parks and recreational facilities
- Pool and spa maintenance
- Snow removal
- Other commercial sites/sources that may contribute a significant load to storm water collection, conveyance, and treatment facilities

Proposed Activity

Annually update and monitor the commercial source high priority site inventory. The annual update with include all commercial sites in the Tahoe Basin and will be compared against the prior year‘s data. Additionally, the County will regularly review criteria for determining high priority sites and activities, and make adjustments where appropriate to insure that emphasis is properly applied to those of greatest threat to water quality.

5-D.2 Commercial Site Inspection and **5-D.3 Commercial Site Enforcement**

The permit further requires that: *“Each Permittee shall develop a program to inspect high priority commercial sites and sources as needed. Based upon site inspection findings, each Permittee shall implement all follow-up actions necessary”*

Additionally, the permit requires that: *“Each Permittee shall enforce its storm water ordinance for commercial sites and sources as necessary to maintain compliance”*

Current Practices

Currently the County reviews commercial sites and activities through the development project review and permitting process. Sites with stormwater quality issues are noted during annual restaurant and hazmat reviews through the Environmental Health Department, where such inspections are performed. Any stormwater issues are addressed initially by the inspector and then reported to the Stormwater Quality office. The Stormwater Quality office will then perform a more detailed inspection with notice and recommendations given to the property owner. Follow-up inspections (with appropriate action pending urgency) are performed as appropriate. If corrective actions have not been taken the site is referred to the Code Enforcement Office for further enforcement action (ref Permit Section VIII.D.3).

In addition, the County has stormwater quality brochures which are given at the public information and assistance counters, mailed to target groups, and are available on the County web site to instruct commercial owners of proper water quality practices (Appendix 15).

The County has trained its field personnel (road crews, inspectors, etc) regarding stormwater quality and detection of illicit discharges. If in their daily duties they notice an issue, the Stormwater Quality office is notified. The general public, especially in the Tahoe basin, are greatly aware of issues and will notify the Stormwater Quality office through the various mechanisms as described in this document.

Proposed Activity

A program of commercial site inspections and follow up enforcement will be initiated for high priority uses, including inspection of commercial food facilities by the County Environmental Health Department, and other identified high priority uses (ref Permit Section VIII.D.2). High priority commercial land uses will be inspected every other year after initiation of the program which is detailed in the May 1, 2007 Progress Report (Appendix 6). Until such time as additional, dedicated, personnel are available for inspection tasks, existing County personnel performing fieldwork will take on the additional responsibility of commercial site inspections. Follow up enforcement action (ref Permit Section VIII.D.4) and inspection documentation will be applied as described in Chapter 4 and Table 5-D.

SWMP Commercial Component Tasks
Table 5-D

Task	Implementing Entity	Activity	Measurable Goal	Completion Date/ Frequency
5-D(a) Prepare inventory of commercial facilities	Public Works, County Assessor, Planning	Create inventory of high priority threat to water quality commercial activities and sites	Initial list created	Completed May 1, 2007
5-D(b) Update inventory of commercial facilities	Public Works, County Assessor, Planning	Update inventory of high priority, threat to water quality commercial activities and sites	List Updated	Annually, May 1
5-D(c) Inspect high priority commercial sites.	Public Works, County Executive, Environmental Health, others.	Biennial inspections performed at high priority sites. Implement follow-up actions necessary to comply with Municipal Permit	Sites inspected as required	Ongoing
5-D(d) Enforcement of stormwater ordinance and other regulatory mechanisms	Public Works, Building	Implement and enforce a stormwater ordinance. Enforce other water quality regulations. Enforce compliance with County ordinances and the Municipal permit	Record of the number of enforcement actions taken.	Annually

5-E RESIDENTIAL COMPONENT

The Residential Component will allow the County to target residential sites for reduction of pollution through education and enforcement activities. The Permit requires that "*Permittee shall implement a Residential Component to prevent or reduce pollutants in runoff from residential land use areas and activities."*

5-E.1 Threat to Water Quality Prioritization (Residential)

The permit further requires that: *"Each Permittee shall identify high priority residential areas and activities for targeted outreach and education"*

Current Practices

The County currently has identified high priority activities such as off road parking, landscaping practices, household hazardous wastes, and automotive care. These residential activities have been addressed through a number of programs including the residential construction (building) permits, grading and encroachment permits, site inspections, and project approval in accordance with TRPA Code of Ordinances and applicable County ordinances (including the County's revised grading ordinance). The County has additional restrictions on residential activities that impact water quality through zoning and code enforcement on such issues as automotive repair and maintenance or off road parking along public roads and in developed areas. The County supports and helps advertise the household hazardous waste event and location of oil collections centers (through hand outs and wed page). Additionally, the County has been reviewing listed high priority activities as identified in Permit Section VIII.E.1 to prioritize and target for outreach and education.

The County has several brochures that are available at the Tahoe City office counter, at the Tahoe Libraries, viewed online on the County web page or mailed directly. These brochures address some of the high priority target activities identified in the Permit, such as automotive repair, home and garden activities, disposal of household hazardous wastes, and other homeowner issues (Appendix 14).

Proposed Activity

Although the County has not previously made a list of high priority activities and residential areas, the County will review and address high priority residential target areas and activities based upon potential threat to water quality such as in the following types of activities (ref Permit Section VIII.E.1):

- Automobile repair and maintenance
- Off-pavement automobile parking
- Home and garden care activities and product use (pesticides, herbicides, and fertilizers)
- Disposal of household hazardous waste (e.g., paints, cleaning products)

- Snow removal activities
- Domestic animal and/or livestock wastes
- Any other residential source that the Permittee determines may contribute a significant pollutant load to its storm water collection, conveyance, and treatment facilities

Residential target areas will be based on the number of incidences which occur in a specific area. This information will be gathered through the Spring and Fall report, citizen complaints, county staff observation and as available the data from the project and outfall mapping. The County will also assist where possible with residential BMP implementation in high priority areas by (ref Permit Section VIII.E.3):

- Visual evaluation of potential sources of pollutants in residential neighborhoods. This evaluation will occur at least twice per year during stormdrain system facility inspections
- Discussion with TRCD personnel to identify the most significant residential pollutant sources
- Consideration of TRPA watershed priorities and BMP retrofit compliance data

At least one new brochure will be produced annually and the County will attempt to coordinate this effort with the co-permitees to address at least one of the high priority activities listed above. Existing brochures and educational materials will be reviewed annually and updated when appropriate. As new informational materials are created, they will be made available on the County's web site, placed in public access areas, and distributed through mailings where appropriate. The County will continue to evaluate other opportunities for improved outreach and education, such as working with materials and service providers, local landscape nurseries, utility companies, and waste disposal agencies to assist through their programs and responsibilities.

5-E.2 Residential Areas and Activities Outreach and Enforcement

The permit further requires that: *"Permittees shall develop and implement a program to target education and outreach efforts toward identified high priority activities. Such outreach program should include coordination with other Lake Tahoe Basin agencies involved with BMP implementation. Permittees shall also enforce their storm water ordinances and other regulatory mechanisms for all residential areas and activities as necessary to maintain compliance with this Order."*

<u>Current Practices</u>

Placer County currently cooperates with TRPA under several Memoranda of Understanding that commit the County to implement and enforce certain TRPA regulations including residential stormwater BMP installations and construction inspection activities for new development activity. Additionally, the County enforces its stormwater and grading ordinances in the area. Placer County currently reviews

residential construction applications, issues building, grading and encroachment permits, performs site inspections, and provides final approval of projects in accordance with TRPA Code of Ordinances and applicable County ordinances (including the County's revised grading ordinance). Water quality information is distributed with development permits, and is discussed at every available opportunity through public inquiries, permitting discussions, and in the field. Placer County collects the TRPA mitigation fees and security associated with post-construction BMPs. Mitigation fees are forwarded to TRPA while security fees are managed by Placer County personnel.

Placer County supports the TRPA residential BMP retrofit program by providing information to the public at the County's Tahoe City office where Building, Planning, Engineering Services and Environmental Health Department personnel reside. Brochures and other materials describing the program are available at the office counter. The County provides front line information to the public when telephone or in-person inquiries are made. The County also provides funding to the Tahoe Resource Conservation District (TRCD) to support residential and public school BMP retrofit efforts, including funding space within the Tahoe City office for TRCD personnel.

Public Works personnel in the County's Truckee office, with the assistance of TRCD, provide focused outreach to individual property owners, homeowners' associations and business owners in areas planned for County BMP retrofit projects, with the goal of improving private BMP retrofit efforts and furthering compliance with TRPA retrofit requirements. Placer County regularly interacts with TRPA in defining residential BMP implementation priorities for the retrofit program.

In addition, residents can access information from the County web page, at the County offices counters, or at the local libraries where specific water quality homeowner brochures and other information on water quality protection is available. Several articles have also been published in the last year giving the public information on the County's program. Articles are included in Appendix 19.

Proposed Activity

Outreach and education efforts will be focused on priority pollution sources, areas and activities, and in general will emphasize source control BMPs that target sediment reduction, nutrient control and minimizing non-stormwater discharges (ref Permit Section VIII.E.2). The County will, at a minimum, identify one high priority problem area or activity per year to target for specific training or educational mailings (i.e a residential area maybe noted as having erosion or illicit discharges, the area will be sent letters and educational information regarding proper practices and the potential for enforcement actions should the problem not decrease) Enforcement will be as described in Chapter 4 and as identified in Table 5-E to meet permit section VIII.E.4 requirements.

SWMP Residential BMPs Component Tasks
Table 5-E

Task	Implementing Entity	Activity	Measurable Goal	Completion Date/ Frequency
5-E(a) Identify high priority residential areas and activities.	Public Works, Engineering Services, Building	Create list of high priority residential areas and activities that pose the greatest threat to water quality.	List Completed	Ongoing
5-E(b) Create and distribute public outreach materials to residential high priority targets	Public Works, County Executive Office, Building, Engineering Services	Create and distribute materials. Keep records of the number of materials distributed Continue to support residential TRPA BMP retrofit program and other agencies programs. Participate in activities and events promoting BMP retrofit (TRCD, TRPA) efforts.	Distribute materials at least once annually	Ongoing
5-E(c) Enforcement of stormwater ordinance and other regulatory mechanisms	Public Works, Building	Develop, implement, and enforce a stormwater ordinance. Enforce other water quality regulations. Enforce compliance with County ordinances and the Municipal permit	Record of the number of enforcement actions taken.	Annually

5-F ROAD AND FACILITY INSPECTION COMPONENT

The Road and Facility Inspection Component includes Placer County's activities to reduce stormwater pollution from public stormwater collection and conveyance facilities. Activities include inspection of public road and drainage facilities and construction and post-construction BMPs for Placer County projects. The permit requires that "*Permittee shall develop and implement a comprehensive facilities inspection program to assess maintenance needs."*

5-F.1 Storm Water Collection and Conveyance Inspection

The permit further requires that: *"Each Permittee shall inspect its storm water collection and conveyance facilities at least once annually and maintain a database of inspection findings. Permittees shall inspect storm drain inlets, pipes, culverts, curb and gutter, asphalt dikes, rock lined or vegetated swales, and any other storm water collection and conveyance device for signs of needed maintenance, evidence of erosion, damage from snow removal or other equipment, and for accumulated sediment and debris (pine needles, trash, etc.). Each Permittee shall document and prioritize identified maintenance needs. All inspection findings shall be documented and reported in accordance with the attached Monitoring and Reporting Program."*

Current Practices

The County Public Works Department currently inspects public drainage facilities in the Tahoe Basin each Spring to evaluate condition and maintenance needs. Inspections include facilities as identified in Sections VII.F.1 and VII.F.2 of the Permit [pp. 19-20] and meets the requirements of the Monitoring and Reporting Program (Permit Attachment C). Facilities are additionally inspected each Fall to verify completion of maintenance tasks and evaluate any newly identified issues. A copy of the 2006 Spring and Fall inspections summary which include maintenance completion records is available for review at the County Office as was submitted to the Lahontan Regional Board on March 15, 2007. Inspection findings and identified maintenance needs are recorded in a database, which includes the inspector's name, date, observed facility conditions, assessment of needed maintenance or follow-up activities, and assigned priority. County maintenance crews use this information to determine maintenance sequence for the remainder of the year. The facilities inspection database includes all the municipal permit requirements, including annual inspection of storm drain inlets, pipes, culverts, curb and gutter, asphalt dikes, rock lined or vegetated swales and any other storm water collection and conveyance device for signs of needed maintenance, evidence of erosion, damage from snow removal or other equipment, and for accumulated sediment and debris (pine needles, trash, etc.).

Proposed Activity

County staff will continue to utilize appropriate construction BMPs for all County maintenance activities and construction projects as well as continue to update the database (ref Permit Section VIII.F.1). The County will also continue with the Spring and Fall inspection and maintenance program and will review this process annually for possible improvements. Additionally, inspection and maintenance data will be evaluated each year for trends that indicate the need for further investigation of problems and for consideration of BMP retrofit or outreach efforts.

5-F.2 Storm Water Treatment Facility Inspection

"Each Permittee shall inspect its storm water treatment facilities at least once annually and maintain a database of inspection findings. Permittees shall inspect storm water treatment basins, treatment vaults, treatment swales, wetland treatment systems, and any other storm water treatment facility for signs of needed maintenance, evidence of erosion, accumulated sediment and debris, (pine needles, trash, etc.), and vegetative cover, if applicable. Each Permittee shall document and prioritize identified maintenance needs. All inspection findings shall be documented and reported in accordance with the attached Monitoring and Reporting Program."

Current Practices

The County currently inspects and maintains its stormwater treatment facilities as part of its inspection program, as described above in Section 5-F.1. Inspections are completed in the Spring and Fall. Current report findings are in the March 15, 2007, Monitoring and Reporting document.

Proposed Activity

The County will continue to inspect its storm water treatment facilities as previously described and maintain a database of inspection findings. Inspections will include storm water treatment basins, treatment vaults, treatment swales, wetland treatment systems, and any other storm water treatment facility for signs of needed maintenance, evidence of erosion, accumulated sediment and debris (pine needles, trash, etc.), and vegetative cover, if applicable. All inspection findings shall be documented and reported in accordance with the Monitoring and Reporting Program, as required by Appendix C of the Municipal Permit (ref Permit Section VIII.F.2).

5-F.3 Road Shoulder Inspection

The permit further requires that: *"Each Permittee shall inspect road shoulders within its jurisdictional boundaries at least once annually for evidence of erosion and document all inspection findings. Each Permittee shall document and prioritize identified maintenance needs."*

Current Practices

Road maintenance personnel are responsible for the maintenance and safety of all County maintained public roads in the Tahoe Basin. As such, these personnel are constantly on the roadways evaluating road condition, drainage facilities, signage, potential hazards, adjacent construction activity, roadway shoulders, cut/fill slopes, etc. Road maintenance staff are trained annually on stormwater quality practices. They are a valuable resource in the field to identify any stormwater non-compliance issues and report findings to the Stormwater Quality Office. If it is an urgent issue, they will act promptly in the field. The road crews also look for BMP retrofit opportunities.

County maintenance and inspection staff and engineering staff responsible for BMP retrofit projects planning, design, and construction, have all received water quality training and are excellent local resources for identifying potential sources of pollution from private sources, and appropriately refer identified needs to County staff, such as the Stormwater Quality Office or other agency, for action, correction or enforcement. Another effective means of receiving information is through citizen reports regarding non-compliance issues which are received through the various reporting mechanisms described in this document.

Proposed Activity

The County will continue with the current practice and will inspect road shoulders within its jurisdictional boundaries at least once annually for evidence of erosion and document all problems. Any issues will be managed appropriately. Such as if the issue is an immediate threat to water quality, it will be acted upon by the appropriate County office with notification to the Stormwater Quality Office. If not an urgent issue, the documented problem will be reported to the Stormwater Quality office for appropriate follow up investigation and actions. Problems involving maintenance needs will be prioritized and scheduled for correction based on threat to water quality and severity of the problem as outlined in current practices in the March 15, 2007 Annual Report. Matters best resolved through capital improvement projects, outreach efforts, or enforcement actions will be referred to the appropriate County personnel for further action (ref Permit Section VIII.F.3).

5-F.4 Source Identification

The permit further requires that: *"Each Permittee shall document and prioritize identified maintenance needs. All source identification information collected pursuant to this requirement shall be included in the inspection findings as required by VII.F.1, VII.F.2 and VII.F.3."*

Current Practices

Source identification is part of the current storm drain facilities and roadway inspections. Placer County personnel have been, and will continue to be, trained in stormwater quality protection practices, stormwater treatment/protection facility inspection, and the use and maintenance of BMPs. A sample PowerPoint presentation and sign in sheet for the most recent training session is shown in Appendix 17.

Proposed Activity

As part of its storm water collection, conveyance, and treatment facility inspections, and routine continuous roadway inspections, the County will evaluate and identify potential pollutant sources including but not limited to: private property/residential runoff, commercial site runoff, eroding cut slopes, eroding road shoulders, intercepted groundwater discharges, excessive traction abrasive application, and construction site tracking. The County will document and prioritize identified maintenance needs with enforcement actions as discussed in Chapter 4.

SWMP Road and Facility Inspection Component Tasks
Table 5-F

Task	Implementing Entity	Activity	Measurable Goal	Completion Date/ Frequency
5-F(a) Facility and inspection findings database	Public Works	Develop a plan for a facilities and inspection findings database.	A detailed plan ready to implement	Completed May 1, 2007
5-F(b) Inspect stormwater collection and conveyance facilities	Public Works	Inspect, document and report in accordance with the Municipal Permit Reporting and Monitoring Program. Document and prioritize identified maintenance needs.	Inspections completed and database maintained	Annually, March 15
5-F(c) Inspect stormwater treatment facilities	Public Works	Inspect publicly maintained stormwater treatment facilities. Document findings and report in accordance with the Municipal Permit Reporting and Monitoring Program	Inspections completed and database maintained	Annually, March 15
5-F(d) Inspect road shoulders	Public Works	Inspect publicly maintained road shoulders within jurisdictional boundaries. Document and prioritize identified maintenance needs.	Inspected at least once annually. Maintained database of findings	Annually, March 15
5-F(e) Source Identification	Public Works and others	Identify and evaluate potential pollutant sources.	Maintained database of findings	Annually, March 15

5-G TRACTION ABRASIVE AND DEICER APPLICATION AND RECOVERY COMPONENT

The Traction Abrasive and Deicer Application and Recovery Component is the program in which Placer County monitors sand applied to icy road surfaces as required for vehicle traction and safety during the Winter months. Deicing materials are not currently used on County maintained roads. Salt is used in small quantities sufficient to prevent the sand storage pile from freezing.

The Permit requires that: *"Each Permittee shall develop and document a comprehensive program to manage traction abrasive and deicer application and recovery procedures."*

5-G.1 Application Areas

The permit further requires that: *"Each Permittee shall provide a detailed area map showing areas where either the Permittee or other Permittee approved entity (if applicable) apply traction abrasive and deicing material and include a discussion of factors affecting application rates."*

Current Practices

Traction abrasive is applied on the County maintained roadways and is tracked by zones as shown in Figure 5-G (ref Permit Section VIII.G.1). Factors that may affect application rates include storm intensity and duration; ambient temperatures during and after storm; and snow depth. County road maintenance personnel modify application rates and locations based on the above factors. For example, during less intense storms, sand is only applied to steeper sections of County roads (i.e., greater than 10 percent).

The sand utilized by Placer County is intended to meet Nevada Department of Transportation Specification 3 Ice Control Sand and other specifications from AASHTO and Caltrans that require the following:

- Durability index or hardness greater than 75;
- Loss by abrasion not less than 33 percent by weight;
- Content of material smaller than 100 U.S. mesh sieve (149 microns) must not exceed 4.0 percent by weight;
- Content of material smaller than 200 U.S. mesh sieve (74 microns) must not exceed 2.5 percent by weight; and
- Maximum phosphorous content shall be 10 parts per million (ppm).

Application of these specifications is intended to reduce stormwater quality impacts. A sample of current reporting and details on the application and recovery process are described in the March 15, 2007 report.

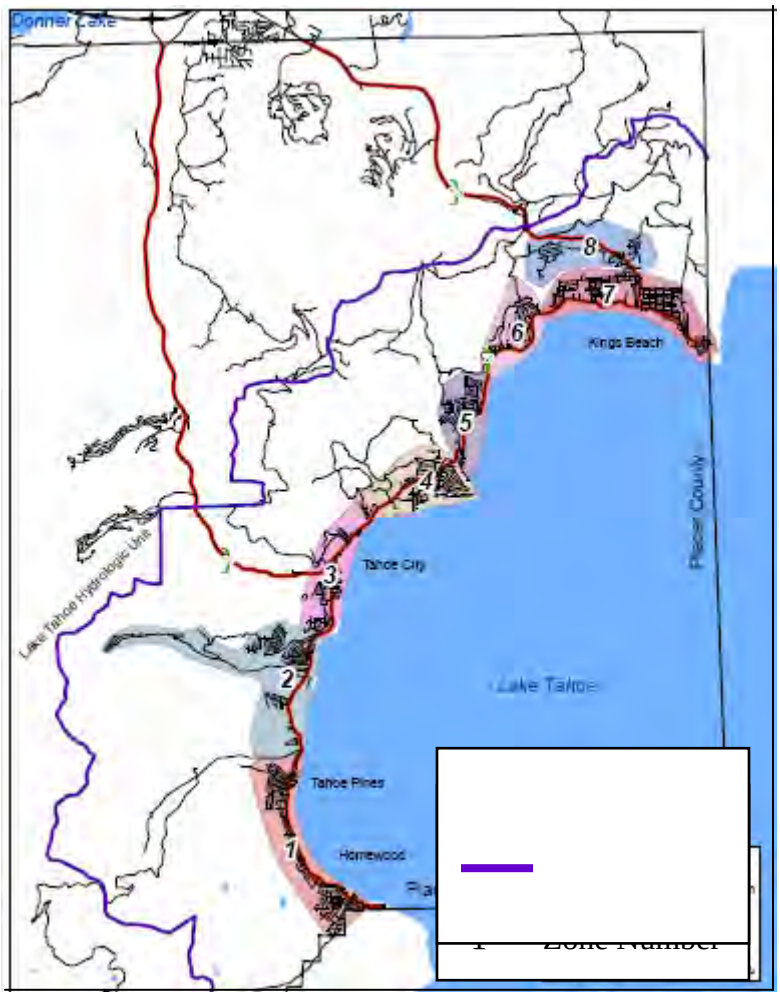


Figure 5-G

Proposed Activity

The County will continue with its current monitoring and reporting program. Refinements will be made as appropriate to improve efficiencies and effectiveness. (ref Permit Section VIII.G.4).

5-G.2 Street Sweeping

The permit further requires that: *"Each Permittee shall provide details regarding street sweeping procedures."*

Current Practices

Traction sand recovery is primarily accomplished through street sweeping operations, though additional material is also recovered through vactoring, as discussed below:

- The County owns and operates two street sweepers in the Tahoe Basin, a Johnston 4000 and a Tennant Centurion.

- All eight sand application zones are swept at least twice between April and October each year. In addition, if mild conditions develop during the Winter months, supplemental sweeping will be performed.

- The zones where sand is applied are documented at the end of each application day with respect to the amount and location of material placed. This documentation helps to target areas for priority sweeping.

- Swept areas are tracked and reported by sand application zone and is reported in the March 15 Annual Report as required by the Permit, Attachment C Monitoring and Reporting Program.

- Swept material is transported out of the Basin and deposited at the Cabin Creek landfill just south of Truckee (ref Permit Section VIII.G.2).

- There are no anticipated needs for additional sweeping equipment or personnel to maximize recovery. But the County is still reviewing the possibility of acquiring sand metering equipment to increase efficiency of tracking sand applications.

Currently, sand application is documented through visual estimation of sand quantities used daily. Material collected by sweeping operations includes additional materials which have accumulated on the road surface. Precise measurement of traction sand as a percentage of material reclaimed has not been established, despite attempts to evaluate sample materials through gradation testing and content characterization (ref Permit Section VIII.G.3). However, volumetric estimates are made and recorded by the staff.

Proposed Activity

The County will continue with its current monitoring and reporting program for street sweeping. Refinements and improvements will be made when appropriate to improving efficiencies and effectiveness of sweeping activities, tracking and reporting (ref Permit Section VIII.G.4).

5-G.3 Sediment Collection Operations

The permit further requires that: *"Each Permittee shall provide details regarding maintenance activities to remove collected sediment from storm water collection, conveyance and treatment facilities."*

Current Practices

Sediment collection is completed through vactoring operations. These vactoring operations also contribute to the recovery of traction sand not accessible through street sweeping operations.

- The County owns and operates one vactor truck in the Tahoe Basin along with up to 10 maintenance staff of Public Works who operate the vactor truck, front loaders, dump trucks and shovels.

- The Spring maintenance inspections document the status of stormwater BMP facilities and prioritize their maintenance. A Fall maintenance report follows up on the maintenance completed and identifies any new requirements. The two monitoring inspections which occur each year direct maintenance equipment and staff to priority BMP facilities and then confirm whether BMPs have been adequately cleaned/repaired. Two divisions of Public Works, Maintenance and Tahoe Design, are responsible for communicating BMP needs and maintenance results to ensure completion of maintenance priorities.

- Similar to sweeping disposal, collected material is transported out of the Basin and deposited at the Cabin Creek landfill just south of Truckee. Delivery receipts based on entry and exit weights are provided to the vactor and dump truck drivers. Material collected is documented based on daily log sheets filled out by operators.

Both street sweeping and sediment collection operations are reviewed regularly for potential changes to improve efficiencies and for purposes of sand application and sand/sediment recovery reporting accuracy.

Proposed Activity

The County will continue with its current program for sediment collection with monitoring and review of practices to improve the recovery rates where practicable. Refinements will be made as appropriate to improve efficiencies and effectiveness of sediment removal activities, tracking and reporting. The County is considering the purchase of an additional vactor truck to aid in sediment collection. This purchase is proposed in the 07/08 fiscal year budget, but has not been approved. (ref Permit Section VIII.G.4).

5-G.4 Staff Training

The permit further requires that: *"Permittees shall describe a program to train responsible staff of the water quality implications of material application and the importance of efficient, effective recovery."*

Current Practices

Annual road maintenance staff training is provided for traction abrasive application and recovery techniques. Training topics include:

- Information on how abrasives impact water quality
- Importance of timely material recovery
- Importance of avoiding soil disturbance when snow plowing and blowing
- Tracking sand application and recovery practices
- Reporting of stormwater quality non-compliance issues noted in the field

Proposed Activity

The County will continue to provide annual staff training in the above topics, water quality BMPs and in stormwater quality program activities (ref Permit Section VIII.G.4).

SWMP Traction Abrasive and Deicer Application and Recovery Component Tasks
Table 5-G

Task	Implementing Entity	Activity	Measurable Goal	Completion Date/ Frequency
5-G(a) Traction abrasive and deicer application on roads and recovery practices	Public Works	Track amounts applied and assess efficiency of application and recovery programs through percentage of materials removed. Make changes as feasible to improve tracking and recovery.	Progress on improved tracking and reporting accuracy, and recovery rates.	Annually, March 15
5-G(b) Determine sand and sediment recovered	Public Works	Measure amounts recovered through sweeping and vactoring	Information collected and reported	Annually, March 15
5-G(c) Program to train responsible staff	Public Works	Train appropriate staff on water quality implications of material application and importance of efficient , effective recovery.	At least one training per year	Annually

5-H EDUCATION COMPONENT

The Education Component allows the County to promote ways to reduce stormwater pollution for members of the community and public agency staff. Training is key to conducting an effective and successful stormwater quality program. Education elements involving members of the public are reported in this 'Education' section rather than the 'Public Participation' section.

The Permit requires that "*permittees shall implement an Education Component using any appropriate media to (1) increase the knowledge of the target communities regarding impacts of urban runoff on receiving waters, and potential BMP solutions for the target audience; and (2) encourage the behavior of target communities to reduce pollutant releases to the environment."*

5-H.1 All Target Communities

The permit further requires that: *"At a minimum the Education Program shall consider each target audience."*

Current Practices

Placer County currently uses regular public training events to inform the public, target groups and municipal staff about how to protect or improve the quality of stormwater runoff. The County has provided information for target topics such as good house keeping, household hazardous waste collection, local ordinances, BMPs, etc. Some of this information has been provided in the form of informational brochures and newspaper articles, most of which are available on the County Stormwater web page. Appendix 14 includes copies of current brochures. The County has also mailed stormwater quality information out to target audiences on a regular basis. Last year's targets were automotive, homeowners, mobile cleaners, landscaping, and food service. The County also finds educational opportunities through participation in annual public events such as the Truckee River Snapshot Day and Earth Day for the Truckee and Tahoe areas.

Proposed Activity

At a minimum the County will create additional educational information for the following and as discussed in previous sections:

- Impacts of urban runoff on Lake Tahoe water quality
- Pollution prevention and safe alternatives
- Update BMPs: Site specific, structural, and source control
- Permanent BMP maintenance
- Non-storm water disposal alternatives (e.g., all wash waters)
- Review and update equipment and vehicle maintenance and repair
- Importance of native vegetation/mulch for preventing soil erosion

This information will be made available in the form of an educational brochure which will be available at the County counters, Tahoe Area Libraries, at public events, and through news articles. The County, at a minimum, will target one new priority issue per year and will distribute materials in an appropriate and effective manner. In addition, existing brochures will be reviewed annually and changes made where appropriate.

5-H.2 Municipal, Construction, Industrial, and Commercial Communities

The permit further requires that: *"… the Municipal, Construction, Industrial, and Commercial Communities shall also be educated."*

Current Practices

Municipal training is currently provided twice annually for building inspectors, CDRA construction and grading inspectors, stormwater section personnel, capital projects personnel, project reviewers, and road maintenance personnel. The training sessions cover the following, at a minimum, with an example presentation shown in Appendix 17 (ref.: Permit Section VIII.H):

- Stormwater program basics such as local water quality laws and regulations applicable to construction and grading activities
- Erosion and sediment control practices/BMPs including how erosion can be prevented
- Stormwater quality protection techniques
- Inspection practices
- Identification and reporting of illicit discharges
- The connection between construction activities and water quality impacts -i.e., impacts from sediment discharges to surface water, and how to minimize impacts
- Importance of using good housekeeping practices for County facilities and operations enforcement processes and roles/responsibilities

Commercial and Industrial education to date has been in the form of responses to inquiries, informational mailings, compliance/enforcement efforts and availability of information on the County web pages. Any new commercial or industrial activity, construction or business proposal is processed through the County's project review and permitting processes which includes review of construction and post-construction water quality elements. This review often results in the application of conditions of approval that address water quality considerations (see Appendix 7 - Standard Conditions). These conditions are currently being reviewed for updating to meet current and new permit requirements (Tahoe and Truckee)

The County also holds annual training events for the municipal and construction activities, in addition to educational brochures mailed to target groups such as industrial and commercial sites, as described previously (see Appendicies 14, 17).

Proposed Activity

In addition to the current education practice, the County will also provide education on the following topics :

- Lawful disposal of vacuum truck and sweeping equipment waste.
- Spill response, containment, and recovery.
- Proper/effective BMP selection, installation, and maintenance.

This information will be made available in the form of an educational brochure which will be available at the County counters, Tahoe Area Libraries, at public events, and through news articles. The county will target one new brochure per year.

5-H.3 Residential, General Public, School Children Communities

The permit further requires that: *"The Permittees shall implement a program to provide education materials to Residential, General Public and School Children Communities. "*

Current Practices

Materials such as brochures and information sheets have been created and distributed at public counters, public events, public libraries, in targeted mailers, and are available on the County web site. This outreach is aimed at audiences as described in this section and other sections of this SWMP.

An annual workshop regarding development practices and BMPs is offered by the County to the public. An alternative for this workshop included staff manning a booth at North Lake Tahoe's annual Earth Day celebration and at similar public events where pertinent information on BMPs is provided. Each educational event has included information appropriate to the audience. For example, food and drink establishments have been given information about proper disposal of grease, food and paper wastes, and dry cleanup methods for outdoor surfaces. Automotive businesses have received information about appropriate work habits and facilities to reduce the potential for oily wastes, automotive fluids, soap, etc., and effectively reduce contamination of Tahoe Lake. Appendix 14 includes samples of these brochures.

Proposed Activity

In addition to the activities listed above, the County will implement a training program and provide additional education materials to residential, general public, and school children communities on the following topics:

- Public reporting information resources
- Residential BMP requirements
- Residential car washing and auto maintenance BMPs
- Community activities (e.g., Adopt a Watershed Programs citizen monitoring, creek/beach cleanups, environmental protection organization activities, etc.)

Per the BMPs in the Impaired Waterbodies and TMDL section of the municipal permit, reduction of sediment and nutrients will be emphasized in all public education activities and materials.

This information will be made available in the form of written materials which will be available at the County counters, Tahoe Area Libraries, at public events, and through news articles. The County will participate in at least one public event per year. In addition, the County is currently reviewing the potential for making presentations at the local schools or at other public events/forums regarding water quality issues.

SWMP Education Component Tasks
Table 5-H

Task	Implementing Entity	Activity	Measurable Goal	Completion Date/ Frequency
5-H(a) Conduct outreach and education for target communities including municipal, construction, commercial, industrial, and residential communities.	Public Works, County Executive, Planning, Engineering Services	Conduct workshops or other outreach events. Continue to monitor opportunities and participate in educational activities for school children sponsored by other agencies. Create and distribute public information materials for high priority audiences. Distribute TRPA materials at public counters. Prepare and deliver educational outreach materials to high priority site operators. See additional activities in 5-B(f), 5-C(c), 5-E(b), 5-G(c), 5-I(d), and 5-J(a)	Training events and materials distributed as indicated in SWMP Components	Annually
5-H(b) Train Placer County personnel in stormwater quality program and implementation	Public Works	Provide training to involved Placer County personnel	At least one training event annually	Annually

5-I ILLICIT DISCHARGE DETECTION AND ELIMINATION COMPONENT

The Illicit Discharge Detection and Elimination Component is an implementation program in which Placer County targets the following activities:

- Identify and eliminate illicit discharges of non-stormwater flows and pollutants
- Provide methods for members of the public to report suspected illicit discharges
- Train Placer County personnel to identify, investigate, report, and correct illicit discharges
- Require identified illicit discharges to be discontinued

The permit requires that "*Permittees shall implement an Illicit Discharge Detection and Elimination Component containing measures to actively seek and eliminate illicit discharges and connections.*"

5-I.1 Illicit Discharges and Connections

The permit further requires that: *"Permittees shall develop and implement a program to actively seek and eliminate illicit discharges and connections into its storm water collection and conveyance facilities. Each Permittee shall take steps eliminate all detected illicit discharges, discharge sources, and connections."*

Current Practices

Several existing Placer County programs implement activities that apply to the Illicit Discharge Detection and Elimination Component, as discussed below:

In the north and west shore communities in Placer County, the Tahoe Truckee Sierra Disposal company picks up recyclable materials (the "blue bag" recycling program) for processing at the Eastern Region Materials Recovery Facility in Truckee (Cabin Creek landfill). The Eastern Regional Materials Recovery Facility also accepts household hazardous waste and oil from Placer County residents at no charge by appointment, and during at least two Summer weekends as advertised by the Facility.

A county-wide spill response and clean-up program is administered by the Office of Emergency Services, Environmental Health, Public Works, and various fire departments. Under current processes, when a spill occurs the Office of Emergency Services coordinates cleanup efforts by Sheriff, Fire Departments/Protection Districts, Environmental Health, and Public Works road crews to make certain that the clean up is performed in a safe manner in accordance with State and local laws.

Environmental Health manages the State's Hazardous Materials Business Plan program that requires reporting of the proper storage of reportable quantities of hazardous materials**.** Additionally, Environmental Health inspectors assist thorough review of sites for stormwater compliance in the course of inspections for restaurants, water well drilling, septic systems, and hazardous materials business plans. If inspections identify cross connections or an actual/threatened illicit discharges, the information is responded to according to urgency.

In addition, County personnel such as building inspectors and road maintenance staff have been trained on identifying and reporting illicit discharges. If they make an observation, they will first try to address the issue. Notification will be made to the Stormwater Quality office to take appropriate follow up actions.

Proposed Activity

The County will continue with the above activities but will work on developing and implementing a program which will more actively detect and eliminate illicit discharges, discharge sources, and connections. This program will be developed with the information gathered in the project tracking and outfall mapping database and through the data gathered in the Spring and Fall Reports (as outlined in section 5-A above). Additionally, the County will continue training field personnel to identify evidence of illicit discharges. When noted, we will use the project and outfall database to locate a source of the problem and seek appropriate and corrective actions.

The County will continue to locate and map all storm drain outfalls and their receiving waters in the Tahoe Basin. The County currently does not have comprehensive maps of either its existing storm drain conduit or roadside ditch drainage systems. This information, including base maps, will be developed into a GIS database on the time schedule shown in the Project Tracking Database Development Schedule identified in Section 5-A (ref Permit Section VIII.I.1).

5-I.2 Investigation / Inspection and Follow-Up

The permit further requires that: *"Permittees shall establish a program to investigate and inspect any portion of the storm water collection and conveyance system that indicates a reasonable potential for illicit discharges, illicit connections, or other sources of non-storm water. Each Permittee shall establish criteria to identify portions of the system where such follow-up investigations are appropriate."*

Current Practices

Reports of suspected illicit discharges are received from any of a number of sources, including public reports, agency reports, public hotline, stormwater section personnel, electronic reports and from County field personnel. The public hotline is advertised

through County brochures and on the County Web page, but most frequently, reports are received through normal daily business activity.

County personnel who are routinely in the field (such as environmental health, air quality, road crews and building inspectors) are trained in Illicit discharge inspectors are designated from personnel in various County departments, to identify active or threatened non-stormwater discharges and illicit connections, stormwater practices, to identify illicit connections and actual/threatened discharges, to identify post-construction maintenance needs, and in reporting and enforcement processes. Follow up inspections are conducted in compliance with the requirements of the County stormwater quality ordinance.

Proposed Activity

In addition to the current activities, Placer County will begin a program to actively seek and eliminate suspected illicit discharges once the project tracking and outfall database is completed. This database will assist with tracking areas with continual or intermittent discharges. Field personnel will be trained in identification and reporting of suspected illicit discharges. Where appropriate, field personnel will be empowered to rectify any adverse situations or other Placer County personnel will be responsible for investigation and follow up per defined procedures (ref Permit Section VIII.I.3).

The County will establish appropriate criteria to identify portions of the system where such investigations are required. The final facility mapping (culvert, drains, outfalls, etc) will be instrumental in preparing a program by being able to identify the source and the pollutant from specific areas. Once these are noted they will be targeted for correction action such as educational material distributed to the identified area and other enforcement actions (if the source can be identified to a property owner). Illicit discharge and detection activities will not be performed for sources identified in Chapter 3 of this SWMP. Enforcement will be carried out as described in Chapter 4 of this SWMP.

5-I.3 Ordinance Enforcement

The permit further requires that: *"Each Permittee shall implement and enforce its ordinances, orders, or other legal authority to prevent and eliminate illicit discharges and connections to its storm water collection and conveyance system. Each Permittee shall also implement and enforce its ordinance or other regulatory mechanism to eliminate detected illicit discharges and connections to its storm water collection, conveyance, and treatment system."*

Current Practices

Placer County currently prohibits non-stormwater discharges through ordinance or other regulatory mechanism, and implements appropriate enforcement procedures and actions. The Stormwater Ordinance includes all of the requirements of the state general permit, including but not limited to:

- Prohibition of non-stormwater discharges
- Control of non-sediment construction site wastes
- Prohibition of non-stormwater (sediment) discharges from construction sites
- Tiered enforcement authority
- Requirements that construction sites apply and maintain appropriate BMPs
- Requirements that post-construction BMPs be designed, installed and maintained for new and redevelopment projects.

County Road maintenance crews are trained to identify and report illegal spills and dumping and to clean up materials dumped within the County right-of-way.

Identify threatened or actual illicit discharges are written up on a report form and forwarded to the stormwater coordinator for action according to the enforcement procedures in the Stormwater Ordinance. Reports of illicit discharges or cross connections will be investigated under the direction of the stormwater coordinator, with the assistance of the personnel initially identifying the issue. Depending upon the severity of pollution, or potential pollution, and the history of the situation, the property owner or tenant may be issued a warning, a corrective order, or an administrative citation.

According to State and Federal law, Civil and criminal penalties may also be invoked. The County's Stormwater Ordinance contains due process and appeal rights for individuals receiving corrective orders or administrative citations. This ordinance functions with the existing grading and erosion prevention ordinance where vegetation removal and construction activity are involved (ref Permit Section VIII.I.4). Enforcement is carried out as described in Chapter 4 of this SWMP.

Proposed Activity

The County will continue to implement and enforce existing ordinances, standards, and policies that relate to stormwater quality and illicit discharges. Staffing and other resource needs will be evaluated on a regular basis to maintain effectiveness of the program and enforcement efforts.

5-I.4 Public Reporting of Illicit Discharges and Connections

The permit further requires that: *"Permittees shall promote, publicize and facilitate public reporting of illicit discharges or water quality impacts associated with discharges into or*

from its storm water collection and conveyance system. Each Permittee shall facilitate public reporting through development and operation of a public hotline. Permittees shall respond to and resolve each reported incident."

Current Practices

The Placer County Sheriff's Department administers an after-hours citizen hotline for reporting non-emergency events. There is also a stormwater reporting line within the Department of Public Works as well as a dedicated e-mail which is advertised through the County web page and through stormwater quality brochures. Citizens may use any of these reporting options to report suspected illicit connections and discharges to stormwater, including those resulting from construction activities, and to relay citizen inquiries about stormwater issues. Relevant hotline inquiries and reports are relayed to the stormwater coordinator who assures that the report is handled according to procedure (ref Permit Section VIII.I.2).

Proposed Activity

The current reporting systems will be maintained and reviewed regularly for improvement opportunities. Illicit discharge reports, inspections, and actions will be tracked and reported in the annual report.

5-I.5 Disposal of Used Oil and Toxic Materials

"Permittees shall facilitate the proper management and disposal of used oil, toxic materials, and other household hazardous wastes."

Current Practices

The County provides convenient no-cost collection of household hazardous waste to residents, and low-cost small quantity generator collection of household hazardous waste to small businesses by operating and maintaining household hazardous waste collection facilities at the Western and Eastern Regional Material Recovery Facilities (Appendix 18 - ref Permit Section VIII.I.5). County assists with the promotion of the waste facilities and collection sites through availability of brochures on proper waste management for industrial, commercial, and residential audiences at the County counter and through a quick link on the County web page (Appendix 13). Additionally, the county responds to all complaints with appropriate education on appropriate activities and enforcement where required.

Proposed Activity

The County will continue to support and advertise hazardous waste disposal practices and locations and will continue to develop and distribute materials, included in training operations, etc. as noted above.

SWMP Illicit Discharge Detection and Elimination Component Tasks
Table 5-I

Task	Implementing Entity	Activity	Measurable Goal	Completion Date/ Frequency
5-I(a)Develop and implement a program to actively seek and eliminate illicit discharges and connections.	Public Works, Environmental Health, Engineering Services, Others	Implement a program for inspection and enforcement of illicit discharge and detection.	Program implemented	Ongoing.
5-I(b) Establish program to investigate and inspect any portion of the storm water collection and conveyance system that indicates reasonable potential for illicit discharges, illicit connections or other source of non-storm water.	Public Works	Establish criteria to identify portions of the system where such investigations are appropriate. Add stormwater compliance inspection to food facility Health Department inspection.	Criteria established and follow up actions taken.	Ongoing
5-I(c) Implement and enforce County ordinances, orders, or other legal authority to prevent and eliminate illicit discharges and connections.	Public Works, Environmental Health, Planning, Building	Provide training to Placer County field personnel in identification, reporting and enforcement procedures regarding illicit discharges. Conduct appropriate inspection. Respond to reported incidents. Enforce and implement ordinance. Inspect and follow up on reports of illicit discharges from the public.	Record of the number of incidents and action taken.	Ongoing
5-I(d) Promote, publicize, and facilitate public reporting of illicit discharges	Public Works, County Executive	Provide capability for the public to report suspected illicit discharges via the Placer County website. Publicize the Placer County after-hours reporting telephone number to the public. Continue Placer County spill response and clean-up program.	Record the number of reports made and action taken.	Ongoing
5-I(e) Facilitate proper management and disposal of used oil, toxic materials and other household hazardous wastes.	Facility Services, Tahoe Truckee Sierra Disposal	Continue Placer County solid waste management and household hazardous waste and oil disposal programs. Publicize and participate in educational events. Establish collection sites operated by the County or other entity.	Record of materials received at each event	Ongoing

5-J PUBLIC PARTICIPATION COMPONENT

The Public Participation Component is used by County staff to identify and participate in public involvement activities sponsored by the County as well as other agencies when possible.

The Permit requires that: "*Permittees shall incorporate mechanisms for public participation in the implementation of their Storm Water Management Plans*."

Current Practice

The County currently seeks opportunities to include the public in implementation of the SWMP. The SWMP has been made available to the public through the County Web site, has been discussed in public forums including County Board of Supervisors meetings, through newspaper articles, and references in public materials (ref Permit Section VIII.J). Areas where the public can assist with implementation include outreach and education, monitoring and reporting illicit discharges from neighborhoods (can be reported via the County web page), and participation in events such as Lake Tahoe's Earth Day, TRCD and Truckee River Watershed Council activities, and in training workshops. Public input has been a very valuable tool in SWMP implementation. This has been most obvious in the growing number of inquiries and reports illustrating a growing awareness of water quality issues and program features.

Proposed Activity

The County will continue to participate in public events and will search for new opportunities for public participation and involvement in implementation of the SWMP.

SWMP Public Participation Component Tasks
Table 5-J

Task	Implementing Entity	Activity	Measurable Goal	Completion Date/ Frequency
5-J(a) Identify opportunities for stormwater quality public participation activities and/or education events sponsored by other organizations.	Public Works and others	Participate in/and or sponsor as many activities as possible such as Earth Day and TRCD events.	Participate in, or sponsor, at least one activity annually	Annually
5-J(b) Involve the public in SWMP implementation	Public Works, Engineering, Environmental Health, Building Department, Others	Educate public on SWMP requirements as well as potential opportunities for involvement with reporting and monitoring of illicit discharges. Record number of reports made and actions taken	Increased awareness from the public as incidences of illicit discharges diminish	Ongoing

5-K SWMP EFFECTIVENESS

The SWMP Effectiveness Component will allow the County to track implementation of the Program and make necessary changes to improve effectiveness.

The Permit requires that: *"Each Permittee shall develop a long-term strategy to assess the effectiveness and successful implementation of its individual SWMP. The long-term assessment strategy shall identify specific direct and indirect measurements that each Permittee will use to track the long-term progress of its SWMP toward achieving improvements in receiving water quality."*

Current Practice

The County currently implements many components of the SWMP but has not completed a formal report or an annual review for monitoring program effectiveness.

Proposed Activity

As per Section VIII.K of the Permit, the County's strategy will be:

- Pollutant loading estimates will be based on existing and future receiving water quality monitoring. Both pre-construction (baseline) and post-construction water quality monitoring have occurred and/or are occurring on a select number of planned and competed water quality improvement projects including Tahoe City Wetlands BMP; Kings Beach Detention Basin BMPs; Lake Forest Erosion Control Project baseline monitoring; Upper Cutthroat Erosion Control Project post-construction monitoring; Griff Creek Erosion Control Project Stream Environment Zone (SEZ) assessment; and Homewood Erosion Control Project SEZ assessment. This data, combined with existing pollutant load data estimated through the technical TMDL work administered by Lahontan and the Nevada Division of Environmental Protection, will provide a quantitative (direct) measurement of the SWMP implementation success. Actual water quality monitoring on the County level on behalf of the municipal NPDES permit is not specifically warranted at this point. Long-term strategy to assess effectiveness and successful implementation of the SWMP is required to achieve improvements in receiving water quality.

- Indirect measurements of SWMP success will include documentation and assessment of program implementation efforts such as number of complaints, violations, and compliance actions related to construction and illicit discharges. Other indirect measurements are indicated in Table 5-K.

- The information gathered above will be assessed for SWMP effectiveness and provided in each Annual Report including an evaluation of program milestones, if they were met or not, and proposed program changes.

SWMP Effectiveness Component Tasks
Table 5-K

Task	Implementing Entity	Activity	Measurable Goal	Completion Date/ Frequency
5-K(a) Develop long-term strategy to assess effectiveness and successful implementation of SWMP	Public Works, Environmental Health, Engineering Services, Building Department	Specify direct and indirect measurements to track long-term progress of achieving improvements in receiving water quality. Revise SWMP as necessary. Assess effectiveness through surveys, pollutant loading estimations and receiving water quality monitoring	Technical TMDL delivered by Lahontan followed by strategic plan completed by the County	Ongoing
5-K(b) Monitor illicit discharges, complaints, enforcement actions, construction violations.	Public Works, Environmental Health, Engineering Services, Building Department	Record and evaluate information	Records maintained and information evaluated.	Ongoing
5-K(c) Annual assessment of effectiveness	Public Works	Evaluate effectiveness of the SWMP using the direct and indirect assessment measurements and methods developed in the long term assessment strategy	Completed report	Annually

5-L FISCAL ANALYSIS

Under the Fiscal Analysis component, the County will analyze funding needs and prepare a funding plan strategy for securing the resources necessary to fully implement our urban runoff management program and comply with the permit. The Permit requires *"Each Permittee shall secure the resources necessary to meet the requirements of this Order."*

Current Practice

Placer County's existing Stormwater Quality program has achieved several fiscal milestones including the following:

- Approval of last year's request for increased staffing
- Continuing success in securing substantial project grant funding
- Approval of last year's proposed operational budget

5-L.1 Increased Staffing

The County has been successful in increasing its staffing for the Stormwater Quality program. The County has hired two additional full-time personnel: an Assistant Engineer and an Engineering Technician in the Auburn office during 2006 to implement the County's SWMPs. Additionally, a part-time clerk has been added to staff for administrative support and three college interns were hired to work part time to collect field data and provide administrative support. An additional staff member has joined the Tahoe City Office and will assume responsibilities related to enhancement of the construction permitting and inspection program for water quality compliance.

5-L.2 Grant Funding

The County has been successful in its grant application efforts. Grant funding opportunities are researched and explored by the Tahoe Engineering Division (Truckee) on a continuous basis. There are presently 22 active grants which have been awarded for water quality projects in various stages of planning, design or construction. The existing value of these grants is approximately $9,550,000. There are an additional 3 grants applied for and pending award totaling $6,150,000.

5-L.3 Budget Funding

The County has been successful in increasing budgeted funding. The County's General Fund budget for the NPDES program (County fiscal year July 1, 2006 - June 30, 2007) allocated $660,000 for the Stormwater Quality Program. This was 100% of the requested funding and a 40% increase over the General Fund budget approved for the 2005-2006 year which was approximately $375,000.

Proposed Activity

Placer County recognizes that full implementation of the Stormwater quality program will require fiscal and staffing resources (ref Permit Sections VIII.L.1, 2) which are not yet secured, and may include some which have not yet been defined. Placer County reports to two Regional Water Quality Control Boards and is currently responsible for implementing three different stormwater quality permits. Placer County staff recognizes that that the elements of each permit are unique in some requirements, overlap in some requirements, and include different data management and reporting requirements. In addition, the Regional Boards have requirements which continue to evolve and affect Placer County's resource requirements. Some of the factors which make a thorough fiscal analysis difficult are as follows:

- The Tahoe Basin Storm Water Management Plan (this SWMP) has not yet been approved by the Lahontan Board

- The pending renewal of the Municipal NPDES Permit for the Central Valley Regional Board, and any new or modified requirements to be imposed

- The new Truckee River Municipal NPDES Permit. A new SWMP, due June 30, 2007, is required but has not yet been prepared. Monitoring requirements under this Permit require the development of a plan and implementation strategy.

Despite the unknown fiscal impacts of the multiple permits, Placer County will use the following prudent strategies to adequately address funding requirements at this time (Permit Section VIII.L.3):

- Monitor the costs of the existing program and apply this experience to any future Stormwater Quality Management Plan (SWMP) requirements. Capturing current costs of staffing and implementing existing Permit requirements will help forecast future fiscal requirements. Because the Stormwater Quality program and permitting requirements are relatively new, and evolving, for the County there is no budgetary history. Tracking current costs to implement existing permit requirements will be helpful in projecting budgetary impacts as new requirements appear.

- Continue to seek adequate funding through the annual budget process and look toward new sources and opportunities. The County's annual budget process includes departmental analysis of needs and recommendations for funding and staffing resources for consideration by the Board of Supervisors. The resource needs for the Stormwater Quality program will vary from year to year, depending on planned activity and evolving programmatic requirements. The implementing County departments will continue to request funds to

adequately support the program, though final decisions regarding budgetary priorities cannot be predicted in advance of final Board approval of the annual budget. In addition to current funding sources, additional funding opportunities and programs will be explored by staff on a continuing basis. This includes investigating opportunities to share costs and resources with co-permittees in order to coordinate permit implementation in an efficient and cost effective manner. The possibility of co-permittees jointly funding a feasibility study for a Stormwater Utility in the Tahoe Basin is currently under discussion. Placer County has initiated discussions with a consultant to explore the costs of a shared expense proposal. New funding through the imposition of increased development fees is also being examined as a means of supporting program implementation.

- Monitor and quantify resource contributions from County departments other than stormwater quality. The existing Stormwater Quality program is supported, in part, by resource commitments in the numerous departments who independently budget for respective needs. Incremental adjustments in each department are being experienced as program requirements are implemented. The contributions by different departments may initially be small, but may grow to significant amounts as the Stormwater program develops. The existing Stormwater Quality program is de-centralized with various program responsibilities being accomplished by various departments. Important contributions from the following departments and divisions are necessary to implement the program: Building Department; Engineering and Surveying; Tahoe Engineering Division (Truckee); Road Department; Environmental Health; Planning; Clerical and Legal Counsel. These various departments have historically performed similar tasks to those proposed, but do not specifically include a dedicated budget for Stormwater Quality participation. These departments provide services such as inspections, plan review, clerical support, sand application, vactoring, code enforcement, legal support and maintenance. Quantification (in dollars) of individual departmental contributions to Stormwater Quality is difficult since it overlaps existing responsibilities. Future contributions from the various departments may grow significantly; program expenses may have to be segregated to justify budget and staffing increases.

- Continue the efforts for Grant funding through vigorous research and application submittal. Water quality improvement projects are currently funded through grants from the United States Forest Service (USFS), which include funds from SNPLMA (Southern Nevada Public Lands Management Act); the California Tahoe Conservancy (CTC); Sierra Nevada-Cascade Conservation Grant Program; and Tahoe Regional Planning Agency (TRPA) water quality mitigation funds. Administrative overhead for water quality improvement projects is generally not eligible for grant reimbursement, and is therefore funded through Placer County's General Fund or Road Fund. County staff

will continue to seek grant funding opportunities to cover capital projects needs, as well as those which may help fund SWMP activities and all other aspects of the Stormwater Quality program implementation.

As the department with primary program implementation responsibility, Placer County Department of Public Works will continue to monitor staffing needs, pursue Grant opportunities and request appropriate funding through the budget process in order to effectively implement the County-wide Stormwater Quality programs.

SWMP Fiscal Analysis Component Tasks
Table 5-L

Task	Implementing Entity	Activity	Measurable Goal	Completion Date/ Frequency
5-L(a) Develop a strategy to conduct a fiscal analysis of the urban runoff management program in its entirety	Public Works, County Executive, Planning, Building, Facility Services, Environmental Health	Describe strategy to be used in conducting the fiscal analysis.	Strategy developed	Annually
5-L(b) Evaluate expenditures necessary to accomplish activities of the SWMP	Public Works, County Executive, Planning, Building, Facility Services, Environmental Health	Evaluate capital, operations and maintenance, education and administration expenditures. Describe sources of funding necessary to meet expenditures including legal restrictions on use of such funds. Monitor information about potential funding sources and continue to pursue water quality improvement project and program funding.	Fiscal year evaluation completed	Annually
5-L(c) Prepare annual budget for program	Public Works, County Executive, and other participating departments	Create an annual budget per Placer County policies and procedures. Define program costs and funding needs for the Permit based upon commitments in the approved Plan. Update funding needs analysis and funding plan.	Budget completed	Annually
5-L(d) Secure resources necessary	Public Works, County Executive, other participating departments	Identify costs and necessary funding. Submit budget information for consideration of the County Executive Officer and Board of Supervisors	Funding Secured	Annually

5-M SWMP REVISION AND IMPLEMENTATION

The SWMP will be submitted to the LRWQCB in fulfillment of the Permit requirement (p. 26) and will be revised, if necessary, on an annual basis. In order to avoid confusion that might be caused by repeating related SWMP components in this document, all SWMP components are included once only in Tables 5-A through 5-L, and 5-N. For purposes of summarizing minimum SWMP content, Section VIII requirements (SWMP headings A-L) are summarized in the following tables with cross-referencing to the SWMP component implementation task tables presented throughout this document.

A. Municipal Facilities Retrofit Component Task Table

SWMP Submittal Requirement	Location addressed in SWMP
A.1. List of erosion control and stormwater treatment projects planned for construction from 2006 to 2010	Figure 5-1 and Table 5-1
A.2. Description of project prioritization methods	Section 5-A
A.3. Commitment to continue supporting the Stormwater Quality Improvement Committee and its associated project delivery tools	Section 5-A
A.4. Detailed plan and schedule to develop and implement a project-tracking data base no later than May 1, 2007.	Section 5-A

B. Construction Component Task Table

SWMP Submittal Requirement	Location addressed in SWMP
B.1. Detailed plan and schedule to review and update grading and other construction ordinances and other regulatory mechanisms to comply with the conditions of this order.	Appendix 3 and Section 5-B
B.2. A description of current process, or proposed modifications to the construction and grading approval processes if needed, to meet permit requirements.	Section 5-B
B.3. Updated construction and grading project requirements in local grading and construction permits, if needed.	Section 5-B
B.4. Completed inventory of construction sites subject to local grading and construction permits for the 2007 construction season, and annual updates.	Provided in Appendix 6

SWMP Submittal Requirement	Location addressed in SWMP
B.5. Detailed plan to conduct construction site prioritization based upon threat to water quality.	Section 5-B
B.6. A description of planned inspection frequencies.	Section 5-B
B.7. A description of inspection and documentation tracking methods.	Section 5-B
B.8. A description of enforcement mechanisms and how they will be used.	Chapter 4
B.9. A description of the construction education program including implementation.	Section 5-H and 5-B

C. Industrial Component Task Table

SWMP Submittal Requirement	Location addressed in SWMP
C.1. Create a completed inventory of identified industrial sites by May 1, 2007, and update annually.	Section 5-C
C.2. Detailed plan to conduct industrial site prioritization based upon threat to water quality by May 1, 2007.	Section 5-C
C.3. A description of planned industrial site outreach efforts.	Section 5-C and Section 5-H
C.4. A description of how non-compliant sites will be identified and a process for notifying the Regional Board as needed.	Section 5-C

D. Commercial Component Task Table

SWMP Submittal Requirement	Location addressed in SWMP
D.1. A completed inventory of high priority commercial activities/sites by May 1, 2007, and updated annually.	Section 5-D
D.2. A description of planned inspection frequencies for high priority sites.	Section 5-D
D.3. A description of inspection and documentation /tracking methods.	Section 5-D
D.4. A description of enforcement mechanisms and how they will be used.	Section 5-D and Chapter 4

E. Residential Component Task Table

SWMP Submittal Requirement	Location addressed in SWMP
E.1.. Detailed plan to identify high priority residential areas and activities that will be used to direct outreach efforts.	Section 5-E
E.2.. Which pollution prevention methods will be encouraged for implementation, and how and where they will be encouraged.	Section 5-E
E.3. How the Permittee proposes to assist residential BMP implementation in high priority areas.	Section 5-E
E.4. A description of enforcement mechanisms and how they will be used.	Section 5-E, Chapter 4

F. Road and Facility Inspection Component Task Table

SWMP Submittal Requirement	Location addressed in SWMP
F.1. A description of current inspection practices and any proposed changes in inspection frequency or methods.	Section 5-F
F.2. A plan to develop and implement a facilities and inspections findings database, including timeline and milestones, by May 1, 2007.	Section 5-F
F.3. A response plan to address maintenance needs identified by required inspections.	Section 5-F

G. Traction Abrasive/Deicer Application and Recovery Component Task Table

SWMP Submittal Requirement	Location addressed in SWMP
G.1. A description of current traction abrasive and deicer application on all permittee's roads, and recovery practices, including application area map.	Section 5-G
G.2. A description of current disposal sites for recovered material.	Section 5-G
G.3. A description of factors limiting recovery operations.	Section 5-G
G.4. A description of proposed program activities to maximize recovery operations.	Section 5-G

H. Education Component Task Table

SWMP Submittal Requirement	Location addressed in SWMP
SWMP shall include a description of the content, form, and frequency of education efforts for each target community.	Section 5-H

I. Illicit Discharge Detection and Elimination

SWMP Submittal Requirement	Location addressed in SWMP
I.1. A description of the program to actively seek and eliminate illicit discharges and connections.	Section 5-I
I.2. A description of efforts to facilitate public reporting of illicit discharges and connections, including a public hotline.	Section 5-I
I.3. A description of investigation and inspection procedures to follow up on inspections, public reports, or other information that indicates potential illicit discharges and connections.	Section 5-I
I.4. A description of enforcement mechanisms and how they will be used.	Section 5-I, Chapter 4
I.5. A description of efforts to facilitate proper disposal of used oil and other toxic materials.	Section 5-I

J. Public Participation

SWMP Submittal Requirement	Location addressed in SWMP
Provide a description of how public participation will be included in the implementation of the SWMP.	Section 5-J

K. SWMP Effectiveness

SWMP Submittal Requirement	Location addressed in SWMP
Provide a description of strategies to be used for assessing the long term effectiveness of the SWMP.	Section 5-K

L. Fiscal Analysis

SWMP Submittal Requirement	Location addressed in SWMP
L.1. A description of the strategy to be used to conduct a fiscal analysis of the stormwater management program	Section 5-L
L.2. A description of identified funding needs.	Section 5-L
L.3. A discussion of proposed method for addressing funding shortfalls, including timeline and milestones	Section 5-L

5-N IMPAIRED WATERBODIES AND TMDLs

Under the Impaired Waterbodies and TMDL component, Placer County has prepared a 'pollutant load reduction strategy' report (Appendix 6) that includes program activities of:

- Identify and map stormwater outfalls;
- Map the drainage area for each outfall;
- Develop a method to prioritize and schedule erosion control and stormwater treatment projects based on threat to water quality; and
- Implement those projects in order of priority ranking and schedule determined in above task.

The report gives the intended timing for implementation of each of these tasks.

Numerical limits are identified for each the following constituents on page 7, Section V.A.1 of the Phase I Permit:

- Total Nitrogen
- Total Phosphorous
- Total Iron
- Turbidity
- Grease and Oil

These pollutants, along with fine sediment, have been identified as the primary contaminants responsible for clarity decline in Lake Tahoe. The pollutant reduction strategy will emphasize these constituents.

It is assumed that the pollutant loading reduction strategy will need to include a significant educational component, and that advance communication of these educational messages will improve overall awareness within the community. Public participation and education opportunities will emphasize the reduction of sediment and nutrients as soon as possible and is implemented in 2007. This is occurring through the Pathway 2007 process, particularly the place-based component, which promotes an "at-large" community participation in contributing to developing a 20-year regional plan for Lake Tahoe.

Finally, the pollutant load reduction strategy will need to be flexible based on the TMDLs and waste load allocations to be proposed for Placer County. It is anticipated that there will be opportunity to review and comment on this separate action to be taken by the Regional Board, prior to final establishment.

Impaired Waterbodies and TMDL Component Tasks
Table 5-N

Task	Implementing Entity	Activity	Measurable Goal	Completion Date/ Frequency
5-N(a) Develop a pollutant load reduction strategy plan	Public Works, County Executive	Prepare strategy report including mapping of stormwater outfalls and calculated drainage area; method to prioritize erosion control and stormwater treatment; and implement projects based on priority	Completed plan	May 1, 2007
5-N(b) Implement the pollutant load reduction strategy plan	Public Works, County Executive	Use plan to identify priority projects for implementation to provide greater emphasis on pollutant load reduction.	Implementation of priority projects	Ongoing

County Department Responsibilities
Table 5-3

BEST MANAGEMENT PRACTICES		RESPONSIBLE/ASSISTING DEPARTMENTS*									
		Facility Services	Public Works	Environmental Health	Community Development Resource Agency	Planning	County Counsel	County Executive	Emergency Services	Sheriff	Flood Control
5-A Retrofit											
5-A(a)	Plan, design, and construct water quality improvement projects.		R		A						
5-A(b)	Plan all future projects, as funding is available, per the SWQIC processes and project delivery tools. Track TMDL development.		R								
5-A(c)	Detailed plan and schedule to develop and implement a project tracking database.		R		A						
5-A(d)	Database maintenance.		R		A						
5-B Construction											
5-B(a)	Revise grading ordinance to apply to all construction sites moving three cubic yards or more soil.		A		R						
5-B(b)	Update construction and grading project requirements in local grading and construction permits.		A		R						
5-B(c)	Conduct construction site inspections for compliance with County ordinances and permits and with the Municipal Permit.		A		R						
5-B(d)	Create active construction site inventory and update as needed to support construction program and site prioritization.		R		A						
5-B(e)	Update construction site inventory as needed to support construction program and site prioritization.		R		A						
5-B(f)	Implement construction education program.	A	R	A	A						
5-C Industrial											
5-C(a)	Develop inventory of industrial sites.	A	R	A	A						
5-C(b)	Update inventory of industrial sites.	A	R	A	A						
5-C(c)	Industrial site prioritization.	A	R	A	A						
5-C(d)	Education program for high priority industrial site operators.	A	R	A	A						
5-C(e)	Notify the State of non-complying industries.		R								
5-D Commercial											
5-D(a)	Prepare inventory of commercial facilities.		R								
5-D(b)	Update inventory of commercial facilities.		R								
5-D(c)	Inspect high priority commercial sites.			A	R						
5-D(d)	Enforcement of stormwater ordinance and other regulatory mechanisms.	A	R	A	A	A	A				

(Table 5-3 continued)

BEST MANAGEMENT PRACTICES		RESPONSIBLE/ASSISTING DEPARTMENTS*									
		Facility Services	Public Works	Environmental Health	Community Development Resource Agency	Planning	County Counsel	County Executive	Emergency Services	Sheriff	Flood Control
5-E Residential											
5-E(a)	Identify high priority residential areas and activities.		R		A						
5-E(b)	Create and distribute public outreach materials to residential high priority targets.	A	R	A	A	A					
5-E(c)	Enforcement of stormwater ordinance and other regulatory mechanisms.	A	R	A	A	A	A				
5-F Road and Facility Inspections											
5-F(a)	Facility and inspection findings database.	A	R								
5-F(b)	Inspect stormwater collection and conveyance facilities.		R								
5-F(c)	Inspect stormwater treatment facilities.		R								
5-F(d)	Inspect road shoulders.		R								
5-F(e)	Source identification.		R								
5-G Traction Abrasive and Deicer Application and Recovery											
5-G(a)	Traction abrasive ad deicer application on roads and recovery practices.		R								
5-G(b)	Determine sand and sediment recovery.		R								
5-G(c)	Program to train responsible staff.		R								
5-H Education											
5-H(a)	Conduct outreach and education for target communities including municipal, construction, commercial, industrial, and residential communities.	A	R	A	A						
5-H(b)	Train Placer County personnel in stormwater quality program and implementation.	A	R	A	A						
5-I Illicit Discharge Detection and Elimination											
5-I(a)	Develop and implement a program to actively seek and eliminate illicit discharges and connections.	A	R	A	A				A		
5-I(b)	Establish program to investigate and inspect any portion of the stormwater collection and conveyance system that indicates reasonable potential for illicit discharges, illicit connections, or other source of non-stormwater.	A	R	A	A				A		
5-I(c)	Implement and enforce County ordinances, orders, or other legal authority to prevent and eliminate illicit discharges and connections.		R				A				
5-I(d)	Promote, publicize, and facilitate public reporting of illicit discharges.	A	R	A	A				A		
5-I(e)	Facilitate proper management and disposal of used oil, toxic materials, and other household hazardous wastes.	A	R	A	A						

(Table 5-3 continued)

BEST MANAGEMENT PRACTICES		RESPONSIBLE/ASSISTING DEPARTMENTS*									
		Facility Services	Public Works	Environmental Health	Community Development Resource Agency	Planning	County Counsel	County Executive	Emergency Services	Sheriff	Flood Control
5-J Public Participation											
5-J(a)	Identify opportunities for stormwater quality public participation activities and/or education events sponsored by other organizations.	A	R	A	A	A					
5-J(b)	Involve the public in SWMP implementation.		R								
5-K SWMP Effectiveness											
5-K(a)	Develop long-term strategy to assess effectiveness and successful implementation of SWMP.		R								
5-K(b)	Monitor illicit discharges, complaints, enforcement actions, construction violations.		R								
5-K(c)	Annual assessment of effectiveness.		R								
5-L Fiscal Analysis											
5-L(a)	Develop a strategy to conduct a fiscal analysis of the urban runoff management program in its entirety.		R								
5-L(b)	Evaluate expenditures necessary to accomplish activities of the SWMP.		R								
5-L(c)	Prepare annual budget for program.		R								
5-L(d)	Secure resources necessary.		R								
5-N Impaired Waterbodies and TMDL											
5-N(a)	Develop a pollutant load reduction strategy plan.		R								
5-N(b)	Implement the pollutant load reduction strategy plan.		R								

* R = Responsible Department A = Assisting Department

6. MONITORING AND REPORTING PROGRAM/ANNUAL REPORT

In accordance with Attachment C of the Permit, an Annual Monitoring and Reporting Program requires the submittal of a report on the program activities to the LRWQCB by March 15 of each year. Additional reporting requirements are identified in Tables 5A-5N. Both component requirements and personnel responsible for implementation are shown in Table 5-2. Annual reports will detail activities on a calendar year basis of January 1 through December 31.

Monitoring and Reporting Program Submittal	Submittal Date	Frequency
Facilities Inspection Report	3/15/06	Annually
Construction Site Inspection Report	3/15/07	Annually
Traction Abrasive and Deicing Material Report	3/15/06	Annually
Outfall Inventory Report	3/15/06	Annually
SWMP Review and Update Report	3/15/07	Annually
Fiscal Analysis Report	3/15/07	Annually
Pollutant Load Reduction Strategy Report	3/15/07	Annually

As appropriate or required, each of the evaluation components in previous Tables 5-A through 5-L and 5-N will be addressed in the May 1 SWMP update report. However, if a component can be completely addressed in the required Annual Report, a separate May 1 SWMP update report will not be necessary (ref: verbal communication with Robert Larsen, LRWQCB, 2/1/07). The Annual Reports will also detail any new information developed subsequent to adoption of the SWMP, such as any changes in goals or program structure.

DEFINITIONS AND ACRONYMS

Acronym/Word	Definition	Description
BMP	Best Management Practice	Term used to describe an activity, management technique, device, or requirement that is intended to improve the quality of stormwater runoff.
CDRA	Community Development and Resources Agency	The Placer County Department Responsible for all development-related services to the community.
CFR	Code of Federal Regulations	
DPW	Department of Public Works	The Placer County Department responsible for road maintenance, water quality project implementation, and stormwater program coordination
EPA	Federal Environmental Protection Agency	
Environmental Health	Environmental Health Division	A division of the Placer County Health and Human Services Department
LRWQCB	Lahontan Regional Water Quality Control Board	State agency responsible for regulating water quality in the Tahoe Basin. Also referred to in SWMP as Regional Board and Lahontan.
LTEEC	Lake Tahoe Environmental Education Coalition	An Environmental Education Coalition sponsored by the University of Nevada Cooperative Extension and the University of California Cooperative Extension with the goal to assist many groups and organizations in working together to educate the public about how to prevent pollution of Lake Tahoe.
MOU	Memorandum of Understanding	
NOI	Notice of Intent	
NDEP	Nevada Division of Environmental Protection	State of Nevada regulatory agency for stormwater and partner with Lahontan for developing Lake Tahoe TMDL.
NDOT	Nevada Department of Transportation	
NPDES	National Pollutant Discharge Elimination System	
Non-Filer		An entity that has not obtained the appropriate construction or industrial

Acronym/Word	Definition	Description
		stormwater permit from LRWQCB.
ONRW	Outstanding Natural Resource Water	Designation under the Clean Water Act for the nation's highest quality waters. ONRWs are protected against degradation of water quality.
Order	Same as “Permit”, below	
Permit	LRWQCB Waste discharge requirements and NPDES permit for storm water runoff, Board Order R6T-2005-0026, NPDES CAG-616001	Stormwater waste discharge permit common to the City of South Lake Tahoe, El Dorado County, and Placer County.
Plan	See SWMP	
Regional Board	Same as LRWQCB	
SEZ	Stream Environment Zone	TRPA designation of lands of special consideration adjacent to streams, wetlands and other water influenced areas.
SWMP	This Tahoe Stormwater Management Plan	The County’s plan for meeting the program requirements of the LRWQCB Municipal Permit
SWQIC	Stormwater Quality Improvement Committee	A subcommittee of the Lake Tahoe Basin Executives Committee of the TRPA, established to improve the design and effectiveness of stormwater quality improvement projects by working on process issues.
TRCD	Tahoe Resource Conservation District	
TRPA	Tahoe Regional Planning Agency	
Tetra Tech		A consulting firm that prepared an evaluation of the stormwater program on behalf of the EPA in 2002.
TIIMS	Tahoe Integrated Information Management System	
TRG	Tahoe Research Group	
USFS	United States Forest Service	
WDID	Waste Discharge Identification Number	The unique identification number assigned by the State of California to various types of waste discharge permits.

Appendix 1

Tahoe Basin Permit

Co-Permittee's

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Jennifer Quickel
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Placer County
Mary Keller
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Truckee Permit

Individual Permits

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Appendix 2

Placer County Stormwater/Urban Runoff Discharge For the Tahoe Basin
Statement Of Legal Authority
October 12, 2006

This Statement is provided on behalf of the County of Placer pursuant to the "Updated Waste Discharge Requirements and National Pollutant Discharge Elimination System Permit for Stormwater/Urban Runoff Discharge from El Dorado County, Placer County, and the City of South Lake Tahoe," NPDES No. CAG616001, Order No. R6T-2005-0026A1 issued by the California Regional Water Quality Control Board Lahontan Region on October 12, 2005 (hereafter referred to as the "Order").Section VI B of the Order requires the preparation of a statement "certified by its Legal Counsel," verifying that adequate authority exists to implement the terms of the Order and requirements of federal stormwater regulations. Section VI B. specifies five items that must be included in the statement:

VI B " Each Permittee shall provide to the Regional Board a statement certified by its legal counsel that the Permittee has or does not have adequate legal authority to implement and enforce each of the requirements contained in 40 CFR 122.26(d)(2)(i)(A-F) and this Order.

1. Identification of all departments within the jurisdiction that conduct urban runoff related activities and their roles and responsibilities under this Order. Include an up-to-date organization chart specifying these departments and key personnel;

2. Citation of urban runoff related ordinances and the reasons they are enforceable;

3. Identification of the local administrative and legal procedures available to mandate compliance with urban runoff related ordinances and therefore with the conditions of this Order;

4. Description of how these ordinances or other legal mechanisms are implemented and appealed; and

5. Description of whether the municipality can issue administrative orders and injunctions or if it must go through the court system for enforcement actions.

If the Permittee does not have adequate legal authority to implement and enforce Permit requirements, the Permittee shall provide a detailed plan describing how adequate legal authority shall be developed, including a detailed timeline with identified milestones. "

As required by the Order, a complete discussion of each issue with respect to the County of Placer follows.

1. Identification of all departments within the jurisdiction that conduct urban runoff related activities and their roles and responsibilities under this Order.

Include an up-to-date organization chart specifying these departments and key personnel.

Placer County relies on several departments to implement the stormwater quality program. The Public Works Department is responsible for overseeing the program requirements are met. The attached organization chart, attached as Exhibit "C", gives the overall structure of the County but is not intended to show program structure. Additionally, the attached chart is attached as Exhibit "C" describes the individual department responsibilities.

2. Citation of urban runoff related ordinances and the reasons they are enforceable

The principal ordinance governing discharges to the County's municipal separate storm sewer system (MS4) is Chapter 8.28 of the Placer County Code (the "Storm Water Ordinance"), which is attached as Exhibit "A". The purpose of the Storm Water Ordinance is to "protect and enhance the water quality of watercourses, water bodies and wetlands within the unincorporated area of the County in a manner consistent with the Federal Clean Water Act, the Porter-Cologne Water Quality Control Act and Municipal Discharge Permit No. 6A310010006 by controlling the contribution of urban pollutants to stormwater runoff which enters the County stormwater conveyance system." The provisions of the Storm Water Ordinance authorize implementation or enforcement of each mandate of the Order or stormwater regulation, except those noted herein.

Additionally, the County's Grading Ordinance, Chapter 15.48 of the Placer County Code, regulates grading projects and sets conditions for such activities. (See attached as Exhibit "B").The County enacted this ordinance specifically to minimize the degradation of the water quality of watercourses caused by grading, filling and excavation of land, and to control sediment and pollutant runoff from other construction-related activities. These goals are achieved by establishing administrative procedures, minimum standards of review, and implementation and enforcement procedures for controlling erosion, sedimentation and other construction-related pollution.

These ordinances were properly published, introduced and adopted by the Placer County Board of Supervisors and constitute enforceable enactments pursuant to the County's police power.

The County's authority under its ordinances is very wide-ranging and is sufficient to address the mandates contained in the Order. The Order requires the County to "carry out all inspections, surveillance, and monitoring necessary to determine compliance and noncompliance with local ordinances and permits, including the prohibition of illegal discharges to the MS4. Each Permittee must have authority to enter, sample, inspect, review and copy records, and require regular reports from industrial facilities and construction sites discharging into its MS4." The Storm Water

Ordinance currently authorizes inspections and monitoring by County. Furthermore, Exhibit D summarizes additional authorities the County has through various county departments beyond the Stormwater Quality and Grading Ordinances.

3. Identification of the local administrative and legal procedures available to mandate compliance with urban runoff related ordinances and therefore with the conditions of this Order.

The County Storm Water Ordinance has several administrative procedures available to mandate compliance with the requirements contained in the ordinance. These options include informal warnings and educational materials distribution, issuing notices of non-compliance, administrative enforcement orders and cease and desist orders. In addition to administrative enforcement options, the County may seek civil and criminal penalties against a violator and may seek nuisance abatement through the court system.

4. Description of how these ordinances are implemented and how enforcement actions under these ordinances may be appealed.

The Storm Water Ordinance sets forth a detailed process for appealing enforcement action brought pursuant to it. Appeals can be filed with the Director of Public Works, who shall request a report and recommendation from the authorized County employee and shall set the matter for hearing at the earliest practical date. At said hearing, the Director of Public Works may base his or her decision on additional evidence, and may reject, affirm or modify the Enforcement Official's initial decision. The decision of the Director of Public Works may be appealed to the Board of Supervisors by filing a notice of appeal with the clerk of the Board of Supervisors within fifteen (15) days of receipt of the decision of the Director of Public Works. Such appeal shall be in writing and shall set forth fully the grounds for the appeal. The board shall thereupon fix a time and place for a public hearing of such appeal. The clerk of the board shall give notice to the appellant of the time and place of hearing by serving it personally or by depositing it in the U.S. Post Office, postage prepaid, addressed to the appellant at his last known address at least five days prior thereto.

At the hearing before the Board of Supervisors, the appellant may appear in person or by counsel and present any relevant evidence relating to the grievance; the Enforcement Agency may present evidence in rebuttal thereof. The hearing may be continued from time to time, not to exceed thirty (30) days in all. The Board of Supervisors shall conduct a hearing and make findings as appropriate. The decision of the Board of Supervisors is final.

5. Description of whether the municipality can issue administrative orders and injunctions or if it must go through the court system for enforcement actions.

As stated above, the Storm Water Ordinance includes an extensive section on enforcement actions giving the County a wide variety of administrative options in

case of violations.

The County has similar authority under the Grading Ordinance and the other County Code Sections mentioned in Exhibit D. The powers include the issuance of stop work notices, denial of future grading permits and the abatement of nuisance conditions.

Based on the foregoing discussion and subject to the exceptions described herein, the Office of the County Counsel respectfully submits this certification.

Certified by,

Christiana Darlington
County Counsel

Appendix 3

Article 15.48

GRADING, EROSION AND SEDIMENT CONTROL*

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* Prior code history: Prior code Sections 29.100 through 29.675, 29.700 through 29.1050 and 29.1070.

Part 1. Purpose and Definitions

15.48.010 Title.

This article shall be known as the grading and erosion prevention ordinance of Placer County. (Ord. 5056-B (part), 2000)

15.48.020 Purpose.

The ordinance codified in this article is enacted for the purpose of regulating grading on property within the unincorporated area of Placer County to safeguard life, limb, health, property and public welfare; to avoid pollution of watercourses with hazardous materials, nutrients, sediments, or other earthen materials generated on or caused by surface runoff on or across the permit area; and to ensure that the intended use of a graded site is consistent with the Placer County general plan, any specific plans adopted thereto and applicable Placer County ordinances including the zoning ordinance, flood damage prevention ordinance, (Article 15.52) environmental review ordinance (Chapter 18 Placer County Code) and applicable chapters of the California Building Code. In the event of conflict between applicable chapters and this article, the most restrictive shall prevail. (Ord. 5056-B (part), 2000)

15.48.030 Definitions.

Unless the particular provision or the context otherwise requires, wherever the following terms are used in this article, they shall have the meaning ascribed to them in this section:

“Agency director” means the head of the community development resource agency of Placer County.

“Agricultural operation” means any land related activity for the purpose of cultivating or raising plants grown in the ground or raising animals or conserving or protecting lands for such purposes when conducted on agriculturally zoned lands and is not surface mining or borrow pit operations.

“Bedding plane” means a nearly flat surface, which may have been tilted up or folded by tectonic forces, separating two beds (or layers or strata) of sedimentary rock. Each bedding plane marks the end of one deposit and the beginning of another having different characteristics (also known as strata, or beds).

“Bedrock” is the solid undisturbed rock in place either exposed at the ground surface or beneath surficial deposits of loose rock or soil.

“Bench” means a relatively level step excavated into sloping natural ground on which engineered fill or embankment fill is to be placed.

“Board” is the board of supervisors of the county of Placer.

“Civil engineer” is a professional engineer registered as a civil engineer by the state of California.

“Community development resource agency” means the agency which provides planning and direction over those county functions that provide land use planning, management of natural resources, building, inspection and code enforcement services, and other permit and land use services to the citizens of Placer County. The agency includes the departments of planning and building and land development core functions such as infrastructure planning, surveying and mapping, permits and construction.

“Compaction” is the increase of density of a soil or rock fill by mechanical means.

Cut. “See “excavation.”

“Days” means calendar days, except that such time limits shall extend to the following working day where the last of the specified number of days falls on a Saturday, Sunday or any county holiday.

“Depth of fill” means the vertical dimension from the exposed fill surface to the original ground surface.

“Depth of excavation” (Cut) means the vertical dimension from the exposed cut surface to the original ground surface.

“Director of environmental health” means the director of the department of health and human services, Placer County, California acting either directly or through authorized deputies.

“Director of public works” means the director of public works of Placer County, California, acting either directly or through authorized deputies.

“Drainage way” means a depression in the earth’s surface such as swales, ravines, gullies, draws, hollows or ditches in which surface waters collect for drainage, but which otherwise are destitute of water.

Embankment. See “fill.”

“Engineering geologist” means a registered geologist certified as an engineering geologist by the state of California.

“Engineering geology” means the application of geologic knowledge in the investigation and evaluation of naturally occurring rock and soil for use in the design of civil works.

“Erosion” means the wearing away and transportation of earth material as a result of the movement of wind, water, or ice.

“Excavation” (Cut) means the removal of naturally occurring earth materials by mechanical means, and includes the conditions resulting therefrom.

“Existing grade” means the elevation of the ground surface at a given point prior to excavating or filling.

“Expansive soil” means any soil, which exhibits significant expansive properties as determined by a geotechnical engineer or civil engineer and approved by community development resource agency.

“Fill” (embankment) means the deposit of soil, rock or other materials placed by man and includes the conditions resulting therefrom.

“Finish grade” means the final grade of the site after excavating or filling which conforms to the approved final grading plan. The finish grade is also the grade at the top of a paved surface.

“Foliation plane” means a linear plane formed in metamorphic rock caused by heat and pressure. The planes in the Sierra foothills usually trend north-south and are titled at a steep slope with folds and intrusions.

“Geologic hazard” means any condition in naturally occurring earth materials, which may endanger life, health or property.

“Geotechnical engineer” means a civil engineer registered by the state of California who is qualified in the field of soil mechanics and soil engineering and has the authority to use the title “soil engineer.”

“Geotechnical engineering” means the application of the principles of soil mechanics in the investigation, evaluation and design of civil works involving the use of earth materials and may include the inspection, testing and construction thereof.

“Grade” means the vertical location of the ground surface.

Grade, existing. “Existing grade” means the grade prior to grading.

Grade, rough. “Rough grade” means the stage at which the grade approximately conforms to the approved plan.

“Grading” means any land excavation or filling or combination thereof, or the removal, plowing under or burial of vegetative groundcover.

“Grading plan” means a plan prepared in accordance with this ordinance showing grading and related work.

“Grading work” is grading and related work, such as, but not limited to, drainage improvements and erosion and sediment control.

“Hazardous materials” are as defined in Health and Safety Code Sections 25501 et seq.

“Joint” means a fracture in rock that is produced by expansion, contraction, and tectonic forces, and along which there has been no movement.

“Keyway” means a special backfilled excavation, which is constructed beneath the toe area of a planned fill slope on sloping ground to improve the stability of the slope.

“Landscape architect” means a landscape architect registered by the state of California.

“Level, land leveling operation” means the physical movement of rock or soil which results in a change in the topography of the land, which results in the land being more level than before.

Lot. See “parcel.”

“NPDES” means the National Pollutant Discharge Elimination System, a federal program regulating Stormwater discharges pursuant to sections 307, 402, 318, and 405 of the Clean Water Act.

“Owner” means the person shown as the legal owner of the property on the latest equalized assessment roll in the office of the county assessor.

“Overland flow” means and includes flow over planar surfaces, including but not limited to roofs, streets, lawns, parking lots and fields.

“Parcel” (Lot) means land described as a lot or parcel in a recorded deed or shown as a lot or parcel on a subdivision map or parcel map on file in the county recorder’s office.

“Permit” means an approved grading permit issued pursuant to this article authorizing certain grading work.

“Permittee” means any person to whom a permit is issued pursuant to this article.

“Person” means any individual, firm, corporation or public agency whether principal, agent, employee or otherwise.

“Planning director” is the director of the planning department of Placer County, California, acting directly or through his or her authorized agents.

“Rainy season” is the period of the year during which there is a substantial risk of rainfall. For the purpose of this article, the rainy season is defined as from October 15 to May 1, inclusive.

“Record drawings” means drawings for improvements or grading that show changes made during construction.

“Retaining wall” means any constructed wall that holds back earth (or a liquid), and where there is an abrupt change in elevation.

“Sediment” means any material transported or deposited by water, including soil debris or other foreign matter.

“Site” means any lot or parcel of land or combination of contiguous lots or parcels of land, whether held separately or joined together in common ownership or occupancy where grading is to be performed or has been performed.

“Slope” means an inclined ground surface the inclination of which may be expressed as the ratio of horizontal distance to vertical distance or as the ratio of vertical distance per one hundred (100) feet horizontal distance when given as a percent.

“Soil” means all earth material of any origin that overlies bedrock and may include the decomposed zone of bedrock, which can be excavated readily by mechanical equipment.

“Stormwater runoff” means water runoff due to storms, (rain, snow melt, etc.).

“Stream Environment Zone” means perennial, intermittent, and ephemeral streams, meadows and marshes, and other areas of near-surface water influence.

“Structure” means that which is built or constructed or any piece of work artificially built up or composed of parts joined in some definite manner.

“Surcharge” means the additional loading acting above and behind a retaining wall other than from the normal active soil pressures; examples of surcharges include but are not limited to vehicles, buildings, snow, sloped backfill, stockpiles, construction staging areas and equipment.

“Tahoe Basin” means the unincorporated area of Placer County, which is adjacent to and drains into Lake Tahoe.

“Terrace” means a relatively level step constructed in the face of a graded slope surface for drainage, maintenance, or other purposes.

“Vehicular way” means a private roadway or driveway.

“Vegetation” means plant life or total plant cover of an area.

“Watercourse” means any natural or manmade channel flowing continuously or intermittently in a definite direction and course or used for the holding, delay or storage of waters, which functions at any time to convey or store stormwater runoff.

At the discretion of the community development resource agency, the definition of natural channel may be limited to those channels having a watershed area of fifty (50) acres or more, and this definition will be commonly used in connection with the administration of this article except for those cases in which the agency director or director of public works determines that the definition must be extended to a natural channel with a watershed smaller than fifty (50) acres in order to prevent a condition

which could possibly endanger property; be a hazard to public safety; adversely affect the safety, use or serviceability of adjacent property, public way or drainage channel, or could adversely affect the water quality of any water bodies or watercourses.

Work. See “grading work.” (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

Part 2. General Requirements

15.48.040 Grading.

No person shall do or permit to be done any grading in such a manner that quantities of dirt, soil, rock, debris or other material substantially in excess of natural levels are washed, eroded or otherwise moved from the site, except as specifically provided for by a permit. In no event shall grading activities cause or contribute to the violation of provisions of any applicable NPDES stormwater discharge permit. (Ord. 5056-B (part), 2000)

15.48.050 Water obstruction.

No person shall do or permit to be done any grading which may obstruct, impede or interfere with the natural flow of stormwaters, in such manner as to cause flooding where it would not otherwise occur, aggravate any existing flooding condition or cause accelerated erosion. This section applies whether such waters are unconfined upon the surface of the land or confined within land depressions or natural drainage ways, unimproved channels or watercourses, or improved ditches, channels or conduits. (Ord. 5056-B (part), 2000)

15.48.060 Grading permit required.

A. Except for the specific exemptions listed in Section 15.48.070, no person shall do or permit to be done any grading on any site in the unincorporated areas of Placer County without a valid grading permit obtained from the Community Development Resource Agency.
A permit shall also be required for the following:

1. Retaining walls which are over four feet in height; as measured from bottom of footing to top of the retained soil;
2. Any retaining walls that are subject to surcharge;
3. Private vehicular bridge;
4. Swimming pool fill operations whereby depth of fill for swimming pool construction exceeds four feet (Ord. 5056-b (part), 2000)

B. A grading permit is required for any construction activity with ground disturbance of one acre, or more, where such activity is also subject to coverage under any applicable National Pollutant Discharge Elimination System (NPDES) permit for storm water discharges.

15.48.070 Exemptions.

Unless in conflict with provisions of adopted general and/or specific plans, or provisions applicable to the Tahoe Basin as described in Section 15.48.120, the following grading may be done without obtaining a permit. Exemption from the requirement of a permit shall not be deemed permission to violate any provision of this article.

A. Minor projects which have cuts or fills, each of which is less than four feet in vertical depth at its deepest point measured from the existing ground surface, and which meet all of the following criteria:

1. Less than two hundred fifty (250) cubic yards of graded material in a single area, within a two-year period. In calculating the graded material quantity, excavation material used as fill material will not be counted twice. (For example: one hundred twenty-five (125) cubic yards [C.Y.] of excavation material that is also placed as fill material would be calculated as one hundred twenty-five (125) cubic yards, not as 125 C.Y. + 125 C.Y. = 250 C.Y;

2. The removal, plowing under or burial of less than ten thousand (10,000) square feet of vegetation on slopes ten (10) percent or greater or any amount of vegetation on slopes less than ten percent on areas of land less than one acre within a two-year period;

3. Does not create unstable or erodible slopes;

4. Does not encroach onto sewage disposal systems including leach field areas;

5. Does not encroach into the areas designated as Zone A as shown on the Flood Insurance Rate Maps;

6. Does not obstruct any watercourse, disturb, or negatively impact any drainage way, wetland, stream environment zone, water body, or;

7. Does not divert or obstruct overland flow, or negatively affect other adjacent properties.

8. Includes provisions to effectively prevent discharges of pollutants from the site.

9. Provides for completion of soil disturbing activities within a continuous period of 45 days, and revegetation of all disturbed areas immediately thereafter.

B. Grading done by or under the supervision or construction control of a public agency that assumes full responsibility for the work.

C. Excavations, (but not fill operations) in connection with a swimming pool authorized by a valid building permit. Any swimming pool fill operation must comply with Section 15.48.060(D) to be exempt.

D. Retaining walls less than four feet in height, as measured from bottom of footing to the top of the wall, and not subject to surcharge.

E. Grading necessary for agricultural operations unless such grading will create a cut or fill whose failure could endanger any structure intended for human or animal occupancy or any public road, or could obstruct any watercourse or drainage conduit.

F. Trenching and grading incidental to the construction or installation of approved underground pipe lines, septic tank disposal fields, conduits, electrical or communication facilities, and drilling or excavation for post holes or approved wells.

G. Excavations less than two hundred fifty (250) cubic yards for soil or geological investigations by a geotechnical engineer, civil engineer, or engineering geologist.

H. Grading in accordance with plans incorporated in an approved surface mining permit, reclamation plan, or sanitary landfill or environmental remediation project or petroleum product tank removal and installation where governed by other state or county ordinance.

I. Maintenance of existing firebreaks and roads to keep the firebreak or road substantially in its original condition.

J. Routine cemetery excavations and fills.

K. Performance of emergency work necessary to protect life or property when an urgent necessity arises. The person performing such emergency work shall notify the community development resource agency or the department of public works promptly of the problem and work required and shall apply for a permit within ten (10) calendar days after commencing such work.

L. An excavation below finished grade for basements and footings of a building authorized by a valid building permit.

M. Timber harvest operation conducted under valid state or federal permit, stream alteration permits, dams under, state jurisdiction, etc. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.080 Fees.

A. The schedule of fees and costs shall be those established and adopted by the board from time to time by resolution or ordinance. Before a permit is issued, the applicant shall deposit with the community development resource agency cash or a check, in a sufficient sum to cover the fee for issuance of the permit, charges for review of plans, specifications and reports, other engineering services, field investigations, necessary inspection or other work and routine laboratory tests of materials and compaction, all in accordance with schedules established and adopted by the board.

B. No fee shall be required of public agencies.

C. Public utilities may, at the option of the community development resource agency, or department of public works, make payment for the above charges as billed instead of by advance deposit as required above.

D. If grading work is done in violation of this article or such work is not done in accordance with an approved permit, a fee covering investigation of any violation and inspection and plan checking of work required to correct such violation shall be charged to the violator to cover all actual costs. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.090 Levee work.

No person shall excavate or remove any material from or otherwise alter any levee required for river, creek, bay, or local drainage control channel, without prior approval of the local governmental agency responsible for the maintenance of the levee. (Ord. 5056-B (part), 2000)

15.48.100 Construction in public rights-of-way.

No person shall perform any grading work within the right-of-way of a public road or street, or within a public easement, without prior written approval of the agency director or director of public works, as appropriate. (Ord. 5056-B (part), 2000)

15.48.110 Hazards.

If the community development resource agency or the department of public works determine that any grading on private or public property constitutes a hazard to public safety; endangers property; adversely affects the safety, use or stability of adjacent property; an overhead or underground utility, or a public way, watercourse or drainage channel; or could adversely affect the water quality of any water bodies or watercourses, the agency director or the director of public works may issue a stop work notice to the owner of the property upon which the condition is located, or other person or agent in control of such property. Upon receipt of such stop work notice, the recipient shall, within the period specified therein, stop all work, obtain a grading permit and conform to the conditions of such permit. The community development resource agency or the department of public works may require the submission of plans or soil or geological reports, detailed construction recommendations, drainage study or other engineering data prior to and in connection with any corrective or proposed work or activity. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.120 Tahoe Basin area special restrictions and exemptions.

A. Provisions of this section apply to the unincorporated area of Placer County within that area defined as “TRPA region” in the Tahoe Regional Planning Agency Compact. This area is the Tahoe Basin and that additional and adjacent part of the county of Placer outside of the Tahoe Basin in the state of California which lies southward and eastward of a line starting at the intersection of the basin crestline and the north boundary of Section 1, thence west to the northwest corner of Section 3, thence south to the intersection of the basin crestline and the west boundary of Section 10; all sections referring to township 15 north, range 16 east, M.D.B. and M.

B. Grading and soil disturbance shall be prohibited during the period from October 15th through May 1st unless otherwise approved, in writing, by the agency director or director of public works, as appropriate, and by the Tahoe Regional Planning Agency and Lahontan Regional Water Quality Control Board. Complete winterization of the site is required by October 15th, if work is not complete and permanent revegetation is not established.

C. All work shall be in conformity with any grading restriction required by other federal, state, or local agencies.

D. A permit ‘for grading on residential property issued by the Tahoe Regional Planning Agency will be evidence of conformity to provisions of this section. All other grading in the region, unless otherwise exempt as provided herein, is subject to review and approval by the Placer County public works department or community development resource agency, as appropriate.

E. Areas of the site not approved for grading, vegetation removal, or construction shall be fenced or otherwise marked to limit access. These boundaries shall be inspected, maintained, and repaired as necessary.

F. Prior to initiation of grading or construction-related activity, temporary erosion control measures shall be installed to prevent transport of earthen materials and other wastes off of the site.

G. All other provisions of this article shall apply, but a permit shall not be required if the work complies with all the following conditions.

1. The excavation does not exceed four feet in vertical depth at its deepest point measured from the original ground surface, does not exceed two hundred (200) square feet in area, and does not exceed three cubic yards per site.

2. The fill does not exceed three feet in vertical depth at its deepest point measured from the original ground surface, the fill material does not cover more than two hundred (200) square feet, and does not exceed three cubic yards per site.

3. The clearing of vegetation does not exceed one thousand (1,000) square feet in area.

15.48.130 Transfer of permit.

No permit issued under this article may be transferred or assigned in any manner whatsoever, without the express written consent of the community development resource agency. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.140 Right of entry.

As a condition of the permit, the property owner shall grant the county a right of entry for the duration of the permit until after final inspection. Whenever necessary to enforce the provisions of this article the agency director or designee may enter the premises to perform any duty imposed by this article. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.150 Liability.

Neither issuance of a permit under the provisions of this article nor compliance with the provisions hereof or with any conditions imposed in a permit issued hereunder shall relieve any person from responsibility for damage to any person or property or impose any liability upon the county for damage to any person or property. (Ord. 5056-B (part), 2000)

15.48.160 Denial of other permits.

No building permit, septic, water, sewer, electrical permit, or any other permit shall be issued by the county to any person for any premises or portion thereof which is in violation of this article. (Ord. 5056-B (part), 2000)

15.48.170 Grading prior to approval of improvement plans.

Property owners who submit applications for permits for grading for projects that have an approved tentative map or the intended use has an approved discretionary zoning permit, (Chapter 17, Zoning) or is in compliance with the design review process (Section 17.52.070) must comply with the following requirements:

A. A separate grading plan shall be submitted for review and approval by the community development resource agency. This plan shall conform to the requirements of

this grading ordinance and any applicable conditions placed on the project as a result of any formal discretionary permit process. The applicant shall acknowledge that any additional grading or revisions to work necessitated by conflicts discovered during the improvement plan check or subsequent construction will be corrected at the applicant's expense.

B. The property owner shall submit a revegetation and winterization plan for review and approval. This plan shall include a performance agreement with Placer County which includes a specific schedule for performance of the subject grading, an engineer's estimate of cost for implementing the plan, and cash or other approved form of security to insure the timely performance of the plan.

C. Plan check and inspection fee deposit shall be required in the amount of the full plan check fee applicable at the time of submittal and a deposit of twenty-five (25) percent of the full inspection fee at time of grading permit approval.

D. A drainage report shall be required as per the requirements of this grading ordinance and the Placer County land development manual. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.180 Not retroactive.

The provisions of this article shall not apply to construction for which all previously necessary permits were obtained, before the effective date of the ordinance codified in this article or any subsequent amendments. (Ord. 5056-B (part), 2000)

15.48.190 Severability.

If any section, subsection, paragraph, subparagraph, sentence, clause or phrase of this article is for any reason held to be invalid or unconstitutional, such invalidity or unconstitutionality shall not affect the validity or constitutionality of the remaining portions of this article; and the board declares that this article and each section, subsection, paragraph, subparagraph, sentence, clause, and phrase thereof would have been adopted irrespective of the fact that one or more of such section, subsection, paragraph, subparagraph, sentence, clause or phrase be declared invalid or unconstitutional (Ord. 5056-B (part), 2000)

Part 3. Procedures

15.48.200 Filing.

Applications for permits shall be filed with the community development resource agency on forms furnished by the department. Each application shall include a plan-checking fee and other fees as required, grading plans and a statement of the intended use of the site. Only one application and permit is allowed for grading work to be done on a site. The community development resource agency shall determine whether the application is complete or whether additional information is required from the applicant. The applicant shall be notified within ten (10) working days, and provided outstanding requirements in writing if the application is deemed incomplete. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.210 Compliance with CEQA.

The California Environmental Quality Act (CEQA) and the Placer County environmental review ordinance may require the preparation of environmental documents concerning a proposed grading project. Any required environmental review must be completed before the grading permit application will be deemed complete. (Ord. 5056-B (part), 2000)

15.48.220 Notice to adjacent utility owners.

Applicant shall provide, with the. application, documentation that he or she shall have notified by mail the owners of utilities on or abutting the site that an application for a grading permit has been submitted to the county. The notice shall state that the utilities must provide comments to Placer County within thirty (30) calendar days of the date the notice is received by the utility. No permit shall be issued until the utility has either approved the application or the thirty (30) day period has expired. This section may be waived by the agency director in his/her sole discretion. (Ord. 5056-B (part), 2000)

15.48.230 Referral to other public agencies.

The community development resource agency may refer an application to other interested public agencies for their recommendations. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.240 Permit conditions.

A. No permit shall be granted unless the project conforms to the Placer County general plan, any community or specific plans adopted thereto and applicable Placer County ordinances including the zoning ordinance.

B. Where a proposed grading project requires the filing of a tentative map or the intended use requires approval of a discretionary zoning permit, no grading permit shall be granted prior to approval by the applicable planning authority.

C. The permit shall be limited to work shown on the grading plans as approved by the community development resource agency. In granting a permit, the community development resource agency may impose any condition deemed necessary to protect the health, safety and welfare of the public, to prevent the creation of a hazard to public or private property, prevent erosion and to assure proper completion of the grading, including but not limited to:

1. Mitigation of adverse environmental impacts as disclosed by any environmental document findings. This includes the proper disposal of any hazardous material identified in the initial planning phase. The director of health and human services will approve hazardous materials management;

2. Improvement of any existing grading to comply with the standards of this article;

3. Requirements for fencing or other protecting of grading which would otherwise be hazardous;

4. Requirements for dust, erosion, sediment and noise control, and hours of operation and season of work, weather conditions, sequence of work, access roads and haul routes;

5. Requirements for safeguarding watercourses, whether natural or man- made, from excessive deposition of sediment or debris in quantities exceeding natural levels;

6. Requirements for safeguarding areas reserved for on-site sewage disposal;

7. Assurance that the land area in which grading is proposed and for which habitable structures are proposed is not subject to hazards of land slippage or significant settlement or erosion and that the hazards of flooding can be eliminated or adequately reduced;

8. Requirements for safeguarding existing water wells. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

D. All grading activities east of the Sierra crest are prohibited between October 15th and May 1st without written approval of the agency director.

15.48.250 Permission of other agencies or owners.

No permit shall relieve the permittee of responsibility for securing other permits or approvals required for work which is regulated by any other department or agency of the county, or other public agency, or for obtaining any easements or authorization for grading on property not owned by the permittee. Proof of issuance of applicable public agency permits may be required before the issuance of a grading permit. (Ord. 5056-B (part), 2000)

15.48.260 Location of property lines.

Whenever the location of a property line or easement or the title thereto is disputed during the application process or during a grading operation, a survey by a licensed land surveyor or civil engineer or resolution of title, all at the expense of the applicant, may be required by the community development resource agency. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.270 Time limits.

A. The permittee shall perform and complete all the work required by the permit within time limits specified in the permit. If the work cannot be completed within the specified time, a request for an extension of time setting forth the reasons for the requested extension shall be presented in writing to the community development resource agency no later than thirty (30) days prior to the expiration of the permit. The community development resource agency may grant additional time for the permitted work to be completed.

B. If all of the permit work required is not completed within the time limit specified in subsection A of this section, no further grading shall be done without renewing the permit. A written request for renewal shall be submitted to the agency director who may require a new application and fees depending upon the time between the expiration date and the renewal request, revisions in county regulations, and/or changed circumstances in the immediate area. Any revised plan shall be submitted to the community development resource agency for review, and any costs thereof shall be at the applicant’s expense. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.280 Validity.

The issuance of a permit or approval of plans and specifications shall not be construed as an approval of any violation of the provisions of this article or of any other applicable laws, ordinances, rules or regulations. (Ord. 5056-B (part), 2000)

15.48.290 Appeals.

Appeals on decisions pursuant to this article shall be made to the planning commission in writing, setting forth the specific grounds thereto within ten (10) calendar days from the date of such decision. The written appeal shall be accompanied by an appeal fee as set from time to time by the board of supervisors. The planning commission shall consider the appeal per the requirements of Section 17.60.110(D)(4)(C) after receiving the written appeal. The appeal hearing may be continued from time to time at the request of the appellant or by a majority vote of the membership of the planning commission. (Ord. 5056-B (part), 2000)

Part 4. Plans and Specifications

15.48.300 Application--Plans.

A. Each application for a grading permit shall include the following:

1. A completed application form;
2. Two complete sets of grading plans;
3. Profiles, cross sections, and specifications as required;
4. A complete drainage report as required by the community development resource agency;
5. The application fee as determined by the board of supervisors.
6. Where applicable, evidence of coverage, or application for coverage, under an NPDES General Construction Permit.

B. The plans and other documents will be reviewed by the community development resource agency. The applicant and/or project engineer will be notified of any necessary changes to the plans. When the plans and other documents have been approved by the community development resource agency, a grading permit will be issued for the project. All work must be done in strict conformance with the approved plans and documents. The approved plans shall not be changed or altered except in accordance with the provisions of this article. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.310 Grading plans--Engineer required.

A. All plans and specifications shall be prepared and signed by a civil engineer except that the community development resource agency may waive this requirement if the proposed grading does not:

1. Endanger the public health, safety and welfare;
2. Require cuts and fills involving a combined total of one thousand five hundred (1,500) cubic yards of dirt or more, or where depth of fill exceeds ten (10) feet;
3. Include an access road serving five or more existing or potential residences;

4. Require a cut or fill that is situated so as to cause unduly increased soil pressure or reduce earth support upon adjacent structure or property;

5. Include the construction of any drainage or sediment control structures, culverts, or facilities or substantial alteration of any existing drainage course;

6. Include the creation or aggravation of an unstable slope condition;

7. Require construction of any retaining wall over four feet in height;

8. Include the construction of a vehicular bridge. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.320 Requirements for engineered grading plans.

Grading plans and specifications shall be prepared and signed by a civil engineer, as provided herein.

A. The plans shall include the following:

1. All plans shall be on twenty-four (24) inch by thirty-six (36) inch sheets unless otherwise approved, and shall be drawn at a scale no less than one inch equals one hundred (100) feet;

2. A title block. Plans shall be entitled “grading plan” and state the purpose of the proposed grading and the name of the engineer or firm by whom this plan is prepared, owner’s name and address, and site address;

3. A vicinity sketch (not at map scale) indicating the location of the site relative to the principal roads, lakes and watercourses in the area;

4. North arrow and scale;

5. A site plan indicating the extent of the work and any proposed divisions of land;

6. The complete site boundaries and locations of any easements and rights-of-way traversing or adjacent to the property;

7. The location of all existing or proposed roads, buildings, wells, pipelines, watercourses, septic systems or areas reserved for on-site sewage disposal, and any other structures, facilities, and features of the site, as well as the location of all improvements on lots within fifty (50) feet of the proposed work;

8. Location and nature of known or suspected soil or geologic hazard areas, including but not limited to serpentine rock areas, landslides, etc.;

9. Accurate contour lines of the existing terrain and proposed finished grade at intervals not greater than five feet, or spot elevations twenty-five (25) feet on center showing all topographic features and drainage patterns throughout the area where the proposed grading is to occur relative to a bench mark established on site. The contour lines/spot elevations shall be extended to a minimum of fifty (50) feet beyond the affected area, and further, if needed, to define intercepted drainage, and shall be extended a minimum of one hundred (100) feet outside of any future road right-of-way;

10. Approximate location of cut and fill lines extent and finished slopes of all proposed grading and the limits of grading for all proposed grading work, including borrow and stockpile areas;

11. Location, width, direction of flow and approximate location of any watercourses including tops and toes of banks;

12. Approximate boundaries of any areas with histories of flooding;

13. Cross sections, profiles, elevations, dimensions, and construction details based on accurate field data as may be required after initial review of plans;

14. Construction details for roads, watercourses, culverts, bridges and drainage devices, retaining walls, cribbing, dams, and other improvements existing or to be constructed, together with supporting calculations and maps as may be required after initial review of plans;

15. Proposed provisions for storm drainage control and any existing or proposed flood control facilities or septic tank disposal fields or areas reserved for on-site sewage disposal near the grading;

16. A detailed erosion and sediment control plan including specific locations, construction details, and supporting calculations for temporary and permanent sediment control structures and facilities;

17. A revegetation plan, including temporary erosion control plantings, permanent slope plantings, replacement of temporary groundcover, and irrigation facilities.

B. Additional supporting information which may be required includes, but is not necessarily limited to:

1. An estimate of the quantities of excavation and fill;

2. The location of any borrow site or location for disposal of surplus material;

3. A projected schedule of operations, including, as a minimum, the dates of:

a. Commencement of work;

b. Start and finish of rough grading;

c. Completion of drainage facilities;

d. Completion of work in any watercourse;

e. Completion of erosion and sediment control facilities;

f. Completion of hydromulching and other landscaping. If rough grading is proposed between October 15th and May 1st, a more detailed schedule of grading activities and use of erosion and sediment control facilities may be required;

4. Itemized cost estimate of the proposed grading and related work;

5. A complete drainage study in conformance with the Placer County flood control and water conservation district's stormwater management manual (latest edition);

6. Geotechnical investigation report and recommendations addressing the proposed work. (Ord. 5056-B (part), 2000)

15.48.330 Retention of approved plans.

Three sets of approved plans and specifications shall be retained by the community development resource agency. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.340 Modification of approved plans.

A. Proposed modifications of an approved final plan shall be submitted to the community development resource agency for written approval.

B. All necessary soils and geological information and design details shall accompany any proposed modification.

C. The modification shall be compatible with any subdivision map or land use requirements. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.350 Seasonal requirements.

Implementation of erosion and sediment control plans shall be based on the season of the year and the stage of construction at forecasted periods of rainfall and heavy storms. Erosion and sediment control plans shall allow for possible changes in construction scheduling, unanticipated field conditions, and relatively minor changes in grading. Modifications to plans may be required after initial plan approval. (Ord. 5056-B (part), 2000)

Part 5. Geotechnical Investigations and Inspections

15.48.360 Geotechnical investigation required.

A soil or geologic investigation report shall accompany the application in any of the following circumstances when required by the agency director:

A. When the proposed grading includes a cut or fill exceeding ten (10) feet in depth at any point; however, for vehicular ways, a soil investigation shall not be required unless the grading includes a proposed cut or fill that exceeds ten (10) feet in depth and the slope of the natural ground exceeds thirty (30) percent;

B. When highly expansive soils are present;

C. In areas of known or suspected geological hazards, including landslide hazards and hazards of ground failure stemming from seismically induced ground shaking. (Ord. 5056-B (part), 2000)

15.48.370 Investigations.

Those portions of the soil or geologic investigation that constitutes “civil engineering” as defined by Section 6734 of the Business and Professions Code of the state of California shall be conducted by or under the direct supervision of a geotechnical engineer or civil engineer. Those portions of the investigation that involve the practice of “geology” as defined by Section 7802 of the Business and Professions Code of the state of California shall be conducted by an engineering geologist.

The investigations shall be based on observations and tests of the material exposed by exploratory borings or excavations and inspections made at appropriate locations. Additional studies may be necessary to evaluate soil and rock strength, the effect of moisture variation on soil, bearing capacity, compressibility, expansiveness, stability, keying, subdrainage benching and other factors. Grading factors such as moisture variability, ability to compact the material when wet, etc. should be evaluated. (Ord. 5056-B (part), 2000)

15.48.380 Reports--General.

Any soil or geologic investigation report shall be subject to the approval of the community development resource agency who may require supplemental reports and data. Recommendations included in the reports and approved by the community

development resource agency shall be incorporated in the final plans and specifications. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.390 Soil/geologic investigation report.

The soil or geologic investigation report shall contain all of the following, as they may be applicable to the subject site:

A. An index map showing the regional setting of the site;

B. A site map which shows the topographic features of the site and locations of all soil borings and test excavations;

C. A classification of the soil types (unified soil classification), pertinent laboratory test data and consequent evaluation regarding the nature, distribution, and strength of existing soils;

D. A description of the geology of the site and geology of the adjacent areas when pertinent to the site;

E. A suitably scaled map and cross sections showing all identified areas of land slippage;

F. A description of any encountered groundwater or excessive moisture conditions;

G. A description of the soil and geological investigative techniques employed;

H. A log for each soil boring and test excavation showing elevation at ground level and the depth of each soil or rock strata;

I. An evaluation of the stability of pertinent natural slopes and recommendations regarding maximum cut and fill slopes of proposed work;

J. An evaluation of settlement associated with the placement of any fill;

K. Recommendations for grading procedures and specifications, including methods for excavation and subsequent placement of fill;

L. Recommendations regarding surface and subsurface drainage and erosion control;

M. Recommendations for mitigation of geologic hazards. (Ord. 5056-B (part), 2000)

15.48.400 Final report.

Upon completion of rough grading work, in the event a complete record of the work is desired or necessary, the community development resource agency may require a final geotechnical report that includes, but is not necessarily limited to the following:

A. A complete record of all field and laboratory tests including location and elevation of all field tests;

B. A professional opinion regarding slope stability, soil bearing capacity, and any other pertinent information;

C. Recommendations regarding foundation design, including soil bearing potential and building restrictions or setbacks from the top or toe of slopes;

D. A declaration by the geotechnical engineer, civil engineer or engineering geologist in the format required by the community development resource agency that all work was done in substantial conformance with the recommendations contained in the

soil or geologic investigation reports as approved and in accordance with the approved plans and specification. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.410 Changed conditions.

Where soil or geologic conditions encountered in the grading operation deviate from that anticipated in the soil and geologic investigation reports or where such conditions warrant changes to the recommendations contained in the original soil investigation, a revised soil or geologic report shall be submitted for the approval of the community development resource agency. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.420 Special inspection.

A. As a condition of the permit, the community development resource agency may require the permittee to retain a private geotechnical engineer or civil engineer to directly supervise or perform continuous inspection work, and upon completion of the work to provide a written statement acknowledging that he/she has inspected the work and that in his/her professional judgment the work was performed in accordance with the approved plans and specifications. The permittee shall make his own contractual arrangements for such services and shall be responsible for payment of all costs. Continuous inspection by a geotechnical engineer or civil engineer shall include, but not be limited to, the following situations:

1. During the preparation of a site for the placement of fills which exceed five feet in depth on slopes which exceed ten (10) percent and during the placing of such fills; however, for vehicular pathways, fill placement shall be continuously inspected when fills exceed ten (10) feet in height;

2. During the preparation of a site for the placement of any fill which is intended to support any building or structure when the fill exceeds three feet in depth;

3. During the installation of subsurface drainage facilities.

B. Reports filed by the private geotechnical engineer or civil engineer regarding special inspection shall state in writing that from his personal knowledge the work performed during the period covered by the report has been performed in substantial accordance with the approved plans and specifications.

C. The use of a private geotechnical engineer or civil engineer for inspections shall not preclude the community development resource agency from conducting personal inspections or from authorizing inspections by other qualified inspectors as may be necessary. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.430 Noncompliance notification by private geotechnical engineer or civil engineer.

The permittee shall cause the work to be done in accordance with the approved plans. If during the course of construction the private geotechnical engineer or civil engineer finds that the work is not being done substantially in accordance with the approved plans and specifications, he shall immediately notify the person in charge of the work and the community development resource agency of the nonconformity and the corrective measures to be taken. When changes in the plans are required, he shall prepare or cause to be prepared such proposed changes and submit them to the community

development resource agency for approval. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.440 Periodic progress reports by private geotechnical engineer or civil engineer.

As a condition of the report, periodic progress reports shall be rendered by the private geotechnical engineer or civil engineer as required by the community development resource agency including, but not limited to, laboratory tests, slope stability, placement of materials, retaining walls, drainage, utilities and any special permit or plan requirements. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.450 Progress report by permittee.

Periodic progress reports shall be rendered by permittee on specified calendar dates and at commencement and completion of major key grading and erosion and sediment control operations. The dates of operations upon which such reports are required and their content shall be as required by the community development resource agency in the permit. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.460 Record drawings.

Permittee shall submit to the community development resource agency a record drawing of the grading plan following completion of the work. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.470 Performance of work--Inspection/certification.

The community development resource agency may inspect any work or require certification by private engineer of any work done under a grading permit. No permittee shall be deemed to have complied with this article unless one of the following has occurred:

A. A final inspection approval has been issued by the community development resource agency or the department of public works, as appropriate, or;

B. Submittal of certification of completion by the civil engineer or the geotechnical engineer of record, has been accepted by the community development resource agency, or;

C. The final inspection has been waived in writing by the community development resource agency.

The permittee shall provide adequate access to the site for inspection by the community development resource agency during the performance of all work and for a minimum period of one year after completion of the work.

If the engineer of record is changed during the grading, the work shall be stopped until the replacement has agreed in writing to accept their responsibility within the area of technical competence for approval upon completion of the work. It shall be the duty of the permittee to notify the agency director in writing of such change prior to the recommencement of such grading. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.480 Other responsibilities of permittee.

The permittee shall also be responsible for the following:

A. Protection of Utilities. The permittee shall be responsible for the prevention of damage to any public utilities or services.

B. Protection of Adjacent Property. The property owner is responsible for the prevention of damage to adjacent property. No person(s) shall excavate on land sufficiently close to the property line to endanger any adjoining public street, sidewalk, alley or other public or private property, or easement, without supporting and protecting such property from damage which might result.

C. Advance Notice. The permittee shall notify the community development resource agency at least twenty-four (24) hours prior to the start of work.

D. Erosion and Sediment Control. It shall be the responsibility of the permittee to control discharge of sediment from the site to any watercourse, drainage system, or adjacent property and to protect watercourses and adjacent properties from damage by erosion, flooding or deposition which may result from the permitted grading.

E. Hazardous Materials Control. It shall be the responsibility of the permittee to prevent discharge of hazardous materials from the site to any watercourse, drainage system, or adjacent property, and to protect watercourses and adjacent properties by hazardous materials, which may result from, permitted grading. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

Part 6. Design Standards

15.48.490 Excavation.

Excavations shall be constructed or protected so that they do not endanger life or property. (Ord. 5056-B (part), 2000)

15.48.500 Excavation slope.

The slope of cut surfaces of permanent excavations shall not be steeper than two horizontal to one vertical exclusive of terraces and exclusive of rounding described herein. Steeper slopes will be permitted in competent bedrock provided such slope inclinations are in accordance with recommendations contained in the geotechnical or geological report. The bedding planes, foliation planes or principal joint sets in any formation when dipping towards the cut face shall not be daylighted by the cut slope unless the soils and geologic investigations contain recommendations for steeper cut slopes. Cut slopes shall be rounded into the existing terrain to produce a contoured transition from cut face to natural ground. (Ord. 5056-B (part), 2000)

15.48.510 Fill placement.

Fills shall be constructed in layers. The loose thickness of each layer of fill material before compaction shall not exceed eight inches. Completed fills shall be stable masses of well-integrated material bonded to adjacent materials and to the materials on which they rest. Fills shall be competent to support anticipated loads and be stable at the design slopes shown on the plans. Proper surface and subsurface drainage and other appropriate measures shall be taken to ensure the continuing integrity of fills. Earth materials shall be used which have no more than minor amounts of organic substances and have no rock or similar irreducible material with a maximum dimension greater than twelve (12) inches. Larger material may be used with the approval of the community

development resource agency and the geotechnical engineer. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.520 Fill compaction.

All fills shall be compacted throughout their full extent to a minimum of ninety (90) percent of maximum density as determined by the appropriate Caltrans standard method or other alternate methods approved by the community development resource agency. Tests to determine the density of compacted fills shall be made on the basis of not less than one test for each two-foot vertical lift of the fill but not less than one test for each one thousand (1,000) cubic yards of material placed. Additional density tests at a point approximately one foot below the fill slope surface shall be made on the basis of not less than one test for each one thousand (1,000) square feet in slope surface but not less than one test for each ten-foot vertical increase of slope height. All tests shall be reasonably uniformly distributed within the fill or fill slope surface. Results of such testing and location of tests shall be presented in the periodic and final reports. Compaction may be less than ninety (90) percent of maximum density, as determined by the above test, within six inches of the slope surface when such surface material is placed and compacted by a method acceptable to the community development resource agency for the planting of the slopes. Compaction of temporary stockpile fills, to be used for a period of not greater than six months, shall not be required, except where the community development resource agency determines that compaction is necessary as a safety measure to aid in preventing saturation, sliding, or erosion of the fill. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.530 Ground preparation for fill placement.

The natural ground surface shall be prepared to receive fill by removing vegetation, noncomplying fill, top soil, and other unsuitable material, and where slopes are six horizontal to one vertical or steeper, by benching into competent material in a manner acceptable to the community development resource agency. The keyway under the toe, if specified, shall be at least fifteen (15) feet wide. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.540 Fill slopes.

The slope of permanent fills shall not be steeper than two horizontal to one vertical exclusive of terraces and exclusive of roundings described herein, unless a soils report supports a steeper slope, but shall not exceed one and one-half horizontal to one vertical unless the fill is reinforced as recommended by the geotechnical engineer. The community development resource agency may require that the fill be constructed with an exposed surface flatter than two horizontal to one vertical or may require such other measures as he deems necessary for stability and safety. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.550 Adjacent structures protection.

Footings which may be affected by any excavation shall be underpinned or otherwise protected against settlement and shall be protected against lateral movement. Fills or other surcharge loads shall not be placed adjacent to any building or structure

unless such building or structure is capable of withstanding the additional loads caused by such fill or surcharge. The rights of coterminous owners shall be as set forth in Section 832 of the Civil Code of the state of California. (Ord. 5056-B (part), 2000)

15.48.560 Setbacks--General.

Unless otherwise recommended in a soil or geologic investigation report, Appendix 33 of the latest county adopted version of the Uniform Building Code shall be used for establishing setbacks for property boundaries, buildings and structures other than fences and retaining walls. (Ord. 5056-B (part), 2000)

15.48.570 Drainage--General.

Any drainage structure(s) or device(s) carrying surface water runoff required by this article shall be designed and constructed in accordance with standards herein, the current Placer County flood control and water conservation district stormwater management manual and criteria authorized by the agency director or the director of public works, as appropriate. (Ord. 5056-B (part), 2000)

15.48.580 Drainage discharge requirements.

All drainage facilities shall be designed and engineered to carry surface and subsurface waters to the nearest adequate street, storm drain, natural watercourse, or other juncture. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.590 Drainage--Water accumulation.

All areas shall be graded and drained so that drainage will not cause erosion or endanger the stability of any cut or fill slope or any building or structure. (Ord. 5056-B (part), 2000)

15.48.600 Drainage protection of adjoining property.

When surface drainage is discharged onto any adjoining property, it shall be discharged in such a manner that it will not cause erosion or endanger any cut or fill slope or any building or structure. (Ord. 5056-B (part), 2000)

15.48.610 Terrace drainage.

Terraces at least eight feet in width shall be established at not more than twenty-five (25) feet in height intervals for all cut and fill slopes exceeding thirty (30) feet in height. Where only one terrace is required, it shall be at approximately mid-height. Suitable access shall be provided to permit proper cleaning and maintenance of terraces and terrace drains. Swales or ditches on terraces shall have a minimum depth of one foot, a minimum longitudinal grade of four percent, a maximum longitudinal grade of twelve (12) percent. Down-drains or drainage outlets shall be provided at approximately three hundred (300) foot intervals along the drainage terrace. Down-drains and drainage outlets shall be of approved materials and of adequate capacity to convey the intercepted waters to the point of disposal. If the drainage discharges onto natural ground, adequate erosion protection shall be provided. (Ord. 5056-B (part), 2000)

15.48.620 Subsurface drainage.

Cut and fill slopes shall be provided with surface and/or subsurface drainage as necessary for stability. (Ord. 5056-B (part), 2000)

15.48.630 Erosion and sediment control.

The following shall apply to the control of erosion and sediment from grading operations:

A. Grading plans shall be designed with long-term erosion and sediment control as a primary consideration. Erosion prevention and source control are to be emphasized over sediment controls and treatment.

B. Grading operations shall provide erosion and sediment control measures except upon a clear demonstration, to the satisfaction of the community development resource agency or the Department of Public Works, as appropriate, that at no stage of the work will there be any substantial risk of increased sediment discharge from the site. Temporary mulch, revegetation, or other stabilization methods shall be applied to areas where permanent revegetation or landscaping cannot be immediately implemented. Unless otherwise exempted in this Article, grading activity must be scheduled to ensure completion or winterization by October 15 of each year.

C. Grading activity shall be conducted such that the smallest practicable area of erodible land is exposed at any one time during grading operations and the time of exposure is minimized. Land disturbance shall be limited to the minimum area necessary for construction.

D. Natural features, including vegetation, terrain, watercourses and similar resources shall be protected and preserved wherever possible. Units of grading shall be dearly defined and marked to prevent damage by construction equipment.

E. Permanent vegetation and structures for erosion and sediment control shall be installed as soon as possible.

F. Adequate provision shall be made for effective maintenance of temporary and permanent erosion and sediment control structures and vegetation. Sediment and other construction-related wastes shall be retained and properly managed on the site or properly disposed of off site.

G. No topsoil shall be removed from the site unless otherwise directed or approved by the community development resource agency. Topsoil overburden shall be stockpiled and redistributed where appropriate within the graded area after rough grading to provide a suitable base for seeding and planting. Runoff from the stockpiled area shall be controlled to prevent erosion and resultant sedimentation of receiving water.

H. Runoff shall not be discharged from the site in quantities or at velocities substantially above those, which occurred before grading except into drainage facilities, whose design has been specifically approved by the community development resource agency.

I. The permittee shall take reasonable precautions to ensure that vehicles do not track or spill earth materials into public streets and shall immediately remove such materials if this occurs. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

J. All cut and fill slopes shall be adequately stabilized to prevent erosion and failure through temporary and permanent means.

K. Control measures shall be employed to prevent transport of dust off the project site or in to any drainage course or water body.

15.48.640 Emergency conditions.

Should increased sediment discharge occur or become imminent, the permittee shall take all necessary steps to control or reduce such discharge. Such steps may include construction of additional facilities or removal or alteration of facilities required by approved erosion and sediment control plans. Facilities removed or altered shall be restored as soon as possible afterward or appropriate changes in the plan shall be immediately required pursuant to this article. The permittee shall take prompt action to resolve emergency problems; otherwise the community development resource agency or the department of public works may institute abatement proceedings pursuant to provisions of Section 15.48.700(B). (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.650 Erosion and sediment control plans.

Erosion and sediment control plans prepared pursuant to this article shall comply with all of the following:

A. The erosion and sediment control plan need not be a separate sheet if all facilities and measures can be shown on the grading sheets without obscuring the clarity of either the grading plan or the erosion and sediment control plan.

B. An erosion and sediment control plan shall be required whenever:

1. The graded portion of the site includes more than ten thousand (10,000) square feet of area having a slope greater than ten (10) percent; or

2. Clearing and grubbing of areas of one acre or more regardless of slope; or

3. There is a significant risk that more than two thousand five hundred (2,500) square feet will be unprotected or inadequately protected from erosion during any portion of the rainy season; or

4. Grading will occur within fifty (50) feet of any watercourse; or

5. The community development resource agency determines that the grading will or may pose a significant erosion, or sediment discharge hazard for any reason.

6. The site is located within the Tahoe Basin.

C. Except as provided in Article 15.48.120, sediment and erosion control measures must be in place or be capable of being placed within twenty-four (24) hours, in the opinion of the agency director, by October 15. The agency director may require suspension of any and all grading activities between October 15 and May 1 without prior notice.

D. The applicant shall submit with the erosion and sediment control plans, a detailed, cost estimate covering this work.

E. Erosion and sediment control plans shall include an effective revegetation program to stabilize all disturbed areas, which will not be otherwise protected. All such areas where grading has been completed between April 1 and October 15 shall be planted by November 1. Graded areas completed at other times of the year shall be planted within fifteen (15) days. If revegetation is infeasible or cannot be expected to stabilize an erodible area with assurance during any part of the rainy season and the unstable area exceeds two thousand five hundred (2,500) square feet, additional erosion and sediment

control measures or irrigation of planted slopes may be required as appropriate to prevent increased sediment discharge.

F. Erosion and sediment control plans shall be designed to prevent increased discharge of sediment at all stages of grading and development from initial disturbance of the ground to project completion. Every feasible effort shall be made to ensure that site stabilization is permanent. Plans shall indicate the implementation period and the stage of construction where applicable.

G. Erosion and sediment control plans shall comply with the recommendations of the responsible civil engineer, geotechnical engineer, engineering geologist, or landscape architect involved in preparation of the grading plans.

H. The structural and hydraulic adequacy of all storm water containment or conveyance facilities shown on the erosion and sediment control plans shall be verified by a civil engineer, and he shall so attest on the plans. Sufficient calculations and supporting material to demonstrate such adequacy shall accompany the plans when submitted.

I. Erosion and sediment control plans shall be designed to meet anticipated field conditions.

J. Erosion and sediment control plans shall provide for inspection and repair of all erosion and sediment control facilities at the close of each working day during the rainy season and for specific sediment cleanout and vegetation maintenance criteria.

K. Erosion and sediment control plans shall comply with any and all standards and specifications adopted herein for the control of erosion and sedimentation on grading sites. These standards and specifications shall be in general compliance with the current Erosion and Sediment Control Guidelines for Developing Areas of the Sierras published by the High Sierra Resource Conservation District. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.660 Vehicular ways--General.

Vehicular ways shall conform to the grading requirements of this article. (Ord. 5056-B (part), 2000)

15.48.670 Vehicular ways--Drainage.

Vehicular ways shall be graded and drained in such a manner that will not allow erosion or endanger the stability of any adjacent slope. Surface discharge onto adjoining property shall be controlled in such a manner that it does not cause erosion or endanger existing improvements. Bridges and culverts installed in watercourses may be reviewed by the Placer County flood control and water conservation district and must be approved by the agency director or the public works director, as appropriate, and any other required permitting agency. (Ord. 5056-B (part), 2000)

Part 7. Improvement Security

15.48.680 Security required.

A. As a condition for the issuance of a permit, the community development resource agency may require the deposit of improvement security in sufficient amount deemed necessary to assure performance of the work in the event of default on the part of

permittee or, in the case of a subdivision, where the permittee does not proceed with preparation and obtaining the approval of a final map. Such security shall be in a form acceptable to Placer County.

B. In the case of subdivisions, the improvement security shall remain in effect until final inspections have been made of all grading work and the board of supervisors of Placer County has accepted the subdivision improvements.

C. For projects other than subdivisions, the improvement security shall remain in effect until final inspections have been made and all grading work has been approved by the community development resource agency.

D. In addition to the improvement security, the community development resource agency may also require the deposit of maintenance security in sufficient amount deemed necessary to guarantee and maintain the grading work and to assure the proper functioning of drainage systems and adequate erosion and sedimentation control. Such maintenance security shall be in a form acceptable to Placer County and shall remain in effect for a period of one year after the date of acceptance of the improvements as designated in subsections B and C of this section.

E. Any deposit required by the community development resource agency pursuant to this article shall be payable to the Placer County community development resource agency.

F. Upon satisfaction of applicable provisions of this article, the improvement and maintenance security deposits will be released. However, upon failure to complete the work, failure to comply with all of the terms of the permit, or failure of the completed site to function properly to provide proper drainage or erosion and sedimentation control, the county may do the required work, or cause it to be done and collect from the permittee or surety all costs incurred thereto, including administrative, inspection and legal costs. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

Part 8. Enforcement

15.48.690 Violations.

Failure to comply with the following shall constitute a violation of this article:

A. All orders issued by the community development resource agency pursuant to the provisions of this article;

B. All conditions placed on grading permits;

C. All rules and regulations of Placer County. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.700 Nuisance.

A. Established Nuisances Per Se. The board of supervisors of Placer County ordains that the following violations of this article constitute public nuisances:

1. A violation has altered natural drainage patterns and has or will cause flooding to adjacent property; or

2. A violation has created a threat to public health, safety or welfare.

B. Nuisance Abatement Procedure. In accordance with California Government Code Section 25845, the Placer County board of supervisors establishes the

procedure for abatement of a nuisance. Upon the discovery of a nuisance, county staff shall comply with the following procedures:

1. Upon discovery of a nuisance, the owner of the parcel, and anyone known to be in possession of the parcel shall be given notice of the nuisance abatement proceeding. The notice shall provide for an opportunity to appear and be heard before the board of supervisors prior to the abatement of the nuisance by county.

2. Notwithstanding the foregoing, nothing in this article shall prohibit the summary abatement of a nuisance upon order of the board of supervisors, or upon order of any other county officer authorized by law to summarily abate nuisances, if the board or officer determines that the nuisance constitutes an immediate threat to public health or safety.

3. In any action to abate a nuisance, whether by administrative proceedings, judicial proceedings or summary abatement, the owner of the parcel upon which the nuisance is found to exist shall be liable for all costs of abatement incurred by the county, including, but not limited to, administrative costs, and any and all costs incurred in abatement of nuisance. Recovery of costs pursuant to this subsection shall be in addition to and shall not limit any prevailing party's right to recover costs pursuant to Sections 1032 and 1033.5 of the Code of Civil Procedure or any other provision of law. A prevailing party may also recover attorneys' fees in any action, administrative proceeding, or special proceeding to abate a nuisance, if the county elects at the initiation of the individual action or proceeding, to seek recovery of its own attorneys' fees. In no action, administrative proceeding, or special proceeding shall an award of attorneys' fees to a prevailing party exceed the amount of reasonable attorneys' fees incurred by the county in the action or proceeding.

4. If the property owner fails to pay the costs of the abatement upon demand by the county, the board of supervisors may order the cost of the abatement to be specially assessed against the parcel. The assessment may be collected at the same time and in the same manner as ordinary county taxes are collected, and shall be subject to the same penalties and the same procedure and sale in case of delinquency as are provided for ordinary county taxes. All laws applicable to the levy, collection, and enforcement of county taxes shall be applicable to this special assessment.

5. If the board of supervisors specially assesses the cost of the abatement against the parcel, the board also may cause a notice of abatement lien to be recorded. The notice shall, at a minimum, identify the record owner or possessor of property, set forth the last known address of the record owner or possessor, set forth the date upon which abatement of the nuisance was ordered by the board of supervisors and the date the abatement was complete, and include a description of the real property subject to the lien and the amount of the abatement cost.

However, if the board of supervisors does not cause the recordation of a notice of abatement lien pursuant to subsection (B)(5) of this section, and any real property to which the costs of abatement relates has been transferred or conveyed to a bona fide purchaser for value, or a lien on a bona fide encumbrance for value has been created and attaches to that property, prior to the date on which the first installment of county taxes would become delinquent, then the cost of abatement shall be transferred to the unsecured roll for collection.

6. Recordation of a notice of abatement lien pursuant to subsection (B)(5) of this section, has the same effect as recordation of an abstract of a money judgment recorded pursuant to Article 2 (commencing with Section 697.310) of Chapter 2 of Division 2 of Title 9 of Part 2 of the Code of Civil Procedure. The lien created has the same priority as a judgment lien on real property and continues in effect until released. Upon order of the board of supervisors, or any other county officer authorized by the board of supervisors to act upon its behalf, an abatement lien created under this section may be released or subordinated in the same manner as a judgment lien on real property may be released or subordinated.

7. The board of supervisors may delegate the hearing required by subsection (B)(1) of this section prior to abatement of a public nuisance, to a hearing board designated by the board of supervisors. The hearing board shall make a written recommendation to the board of supervisors. The board of supervisors may adopt the recommendation without further notice of hearing, or may set the matter for a de novo hearing before the board of supervisors.

8. The board of supervisors may, by ordinance, delegate to a hearing officer appointed pursuant to Government Code Section 27720 the powers and duties specified by this section.

C. Upon entry of a second or subsequent civil or criminal judgment within a two-year period finding that an owner of property is responsible for a condition that may be abated in accordance with this article enacted pursuant to California Government Code Section 25845, except for conditions abated pursuant to Section 17980 of the health and safety code, the court may order the owner to pay treble the costs of the abatement. (Ord. 5056-B (part), 2000)

15.48.710 Stop work orders.

A. Whenever any person is performing work in violation of the provisions of this article, the agency director may issue a written order to the responsible party to stop work on the portion of the work where the violation has occurred or upon which the danger exists. If there are no persons present on the premises, the notice may be posted in a conspicuous place. The notice shall state the nature of the violation.

B. Upon receipt of such stop work order the person performing the work shall:

1. Stop work immediately; and

2. Within twenty-four (24) hours provide the agency director with a list of remedies which can be immediately undertaken to bring the work into compliance with this article; and

3. Within twenty-four (24) hours after approval of a remedy by the agency director undertake, at the violator’s sole expense, such action as is necessary to bring the work into compliance with this article.

C. If the responsible party fails to comply with the stop work order served pursuant to this section, the county may use any and all remedies available to it under this article, in law, or in equity, including but not limited to: shutting down all work on the site, performing the corrective work either with county crews or by contract, or arresting the responsible party for violation of this article. (Ord. 5056-B (part), 2000)

15.48.720 Misdemeanor violation.

Notwithstanding any other provisions of this code, any person violating any provisions of this article shall be guilty and punishable as provided in Section 1.24.010 of a misdemeanor. Each such person shall be charged with a separate offense for each and every day or portion thereof during which any violation of this article is committed, continued or permitted. Upon conviction of any such violation such person shall be punishable by a fine of not more than one thousand dollars ($1,000.00) or by imprisonment in the county jail for not more than six months, or by both such fine and imprisonment. (Ord. 5056-B (part), 2000)

15.48.730 Investigation fees/work without a permit.

Whenever any work for which a permit is required by this article has been commenced without first obtaining the permit, the agency director shall require an investigation before issuing a permit for such work. In this case, the violator shall be charged for the department's labor and costs incurred during the investigation, in addition to the regular permit fees. (Ord. 5056-B (part), 2000)

Before the Board of Supervisors
County of Placer, State of California

Ord. No:.....9543-B.....

First Reading:.....08-01-06.....

The following __ORDINANCE___ was duly passed by the Board of Supervisors

of the County of Placer at a regular meeting held ____August 22, 2006_____,

by the following vote on roll call:

Ayes: WEYGANDT, HOLMES, GAINES, KRANZ

Noes: NONE

Absent: SANTUCCI

Signed and approved by me after its passage.

Attest:
Clerk of said Board

Chairman, Board of Supervisors

THE BOARD OF SUPERVISORS OF THE COUNTY OF PLACER, STATE OF CALIFORNIA, DOES HEREBY ORDAIN AS FOLLOWS:

The following Article 8.28 in its entirety shall be added to the code and become effective sixty (60) days after the date of final passage of this ordinance.

Article 8.28 – Stormwater Quality Ordinance

8.28.010. Title.

This Ordinance shall be known as the "Placer County Stormwater Quality Ordinance" of the County of Placer, and may be so cited.

8.28.020. Purpose and intent.

A. The purpose of this Article is to ensure that Placer County is compliant with state and federal laws and fulfills its requirements to:
Protect the health, safety, and general welfare of the citizens of Placer County; Enhance and protect the quality of waters of the State in Placer County by reducing pollutants in stormwater discharges to the maximum extent practicable and controlling non-stormwater discharges to the storm drain system; To cause the use of Best Management Practices (section 8.28.050) by the County and its citizens that will reduce the adverse effects of polluted runoff discharges on waters of the state, and; To ensure the County is compliant with applicable state and federal law.

B. This Article seeks to promote these purposes by:
Prohibiting illicit discharges to the storm drain system; Establishing authority to adopt requirements for stormwater management, including source control requirements, to reduce pollution to the Maximum Extent Practicable; Establishing authority to adopt requirements for development projects to reduce stormwater pollution and erosion both during construction and after the project is complete, and; Establishing authority that will enable the County to implement and enforce any stormwater management plan adopted by the County.

8.28.030. Findings.

The Placer County Board of Supervisors has determined that the health, safety, and general welfare of the citizens of Placer County is adversely affected by the discharge of pollution into storm drain systems and Waters of the State. The Board of Supervisors further finds that any violation of this Ordinance constitutes a public nuisance.

8.28.040. Applicability.

This Article applies to all unincorporated areas of the County.

8.28.050. Definitions.

"Best Management Practices (BMPs)" – Schedules of activities, prohibitions of practices, general good housekeeping practices, pollution prevention and educational practices, maintenance procedures, and other management practices to prevent the discharge of pollution directly or indirectly into stormwater, receiving waters, or stormwater conveyance systems. BMPs also include treatment practices, operating procedures, and practices to control site runoff, spillage or leaks, sludge or water disposal, or drainage from raw materials storage.

"County"- The County of Placer.

"Development"– Any activity that moves soils or substantially alters the pre-existing vegetated or man-made cover of any land. Development includes any activity that may be considered new development or re-development. This also includes, but is

not limited to, grading, digging, cutting, scraping, stockpiling or excavating or soil, placement of fill materials, paving, pavement removal, exterior construction, substantial removal of vegetation where soils are disturbed including but not limited to removal by clearing or grubbing, or any activity which bares soil or rock or involves streambed alterations or the diversion or piping or any watercourse. Development does not include routine maintenance to maintain original line and grade, hydraulic capacity, or the original purpose of the facility, nor does it include emergency construction activities (i.e. land disturbances) required to protect public heath and safety.

"Discharge" - The release, threatened release, or placement of any material into the County's storm drain system, including but not limited to stormwater, wastewater, solid materials, liquids, hazardous waste, raw materials, debris, litter, or any other substance.

"Enforcement Agency" – the Placer County Department of Public Works is the primary Enforcement Agency for the purposes of this Article. The Enforcement Agency shall coordinate program activities with and authorize personnel of other Departments to serve as Enforcement Officials to effectuate the purposes of this Article.

"Enforcement Official" - Any agent of the County authorized by the Enforcement Agency to enforce compliance with this chapter.

"Illicit Discharge" - Any direct or indirect non-stormwater discharge to the County's municipal storm drain system, except as otherwise exempted, including the introduction of pollution into the storm drain system.

"Illicit Connection" - An illicit connection is defined by either of the following:

(a) Any drain or water conveyance facility, either surface or subsurface, which allows an illicit discharge to enter the storm drain system, including but not limited to any conveyances which allow any non-storm water discharge including sewage, process wastewater, and wash water to enter the storm drain system and any connection to the storm drain system from indoor drains and sinks, regardless of whether said drain or connection has been previously allowed, permitted, or approved by a government agency, or

(b) Any drain or conveyance connected from a commercial or industrial land use to the storm drain system which has not been documented in plans, maps, or equivalent records and approved by the County.

"Industrial Activity" - Activities subject to NPDES permits as defined in 40 CFR 122.26 (b)(14)

"Maximum Extent Practicable (MEP)" – a technology-based standard established by Congress in the Clean Water Act Section 402(p)(3)(B)(iii) for stormwater discharge to apply to all small municipal separate storm sewer system (MS4) operators regulated under the NPDES program. MEP is generally the result of emphasizing pollution prevention and source control best management practices (BMPs) as the preferred method of preventing water pollution. The MEP approach is an ever-evolving, flexible and advancing concept, which considers technical and economic feasibility. As knowledge about controlling urban runoff continues to evolve, so does what constitutes MEP.

"Municipal Separate Storm Sewer System (MS4)" - a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains) owned by a State, county, city, town, or other public body, that is designed or used for

collecting or conveying storm water, which is not a combined sewer, and which is not a part of a publicly owned treatment works.

"National Pollutant Discharge Elimination System (NPDES)" - The primary permitting program under the Clean Water Act (33 U.S.C. Sec 1251 et seq) which regulates most discharges to surface water.

"Non-stormwater discharge" - A discharge to the storm drain system that is not composed entirely of stormwater and that has been polluted, as defined herein.

"Pollutant" - Anything which causes or contributes to pollution, as defined herein. Pollutants include, but are not limited to: paints, varnishes, solvents, oil, automotive fluids, yard wastes, refuse, rubbish, garbage, litter, discarded or abandoned objects, floatable materials, pesticides, herbicides, fertilizers, detergents, soaps, hazardous substances, hazardous waste, sewage, fecal coliform and pathogens, dissolved and particulate metals, animal wastes, wastes and residues that result from constructing a building or structure (including but not limited to sediments, slurries, and concrete rinsates), and noxious or offensive matter of any kind.

"Pollution" - The human-made or human-induced alteration of the quality of waters to a degree that causes or contributes to an exceedance of water quality standards contained in the Statewide Water Quality Control Plan, the California Toxics Rule, or in the applicable Regional Water Quality Control Board Basin Plan.

"Porter-Cologne Act" - The Porter-Cologne Water Quality Control Act, as amended (California Water Code section 13000 et seq.).

"Property Owner" – any person, entity, company, and/or authorized representative having title to real property within the geographic area affected by this Article.

"Regional Water Quality Control Board" - The Central Valley Regional Water Quality Control Board or the California Regional Water Quality Control Board, Lahontan Region

"Storm Drain System, also Municipal Storm Drain System" – Facilities owned or operated by the County by which stormwater is collected and/or conveyed, including but not limited to any roads with drainage systems, municipal streets, gutters, curbs, inlets, piped storm drain, pumping facilities, retention and detention basins, natural and human-made or altered drainage channels, reservoirs, and other drainage structures which are within the County and are not part of a publicly owned treatment works as defined at 40 CFR section 122.2.

"Stormwater" - Any surface flow, runoff, and drainage consisting entirely of water from precipitation events, which has not been polluted.

"Stormwater Pollution Prevention Plan (SWPPP)" - The construction site water quality management plan required by the State's construction general stormwater permit.

"Urgency Abatement"-Urgency involves the discharge or a threatened discharge condition which causes or threatens to cause an imminent threat to public health, safety, welfare, the environment, or a violation of a NPDES permit.

"Waters of the United States" - Surface watercourses and water bodies as defined at 40 CFR section 122.2, including all natural waterways and definite channels and depressions in the earth that may carry water, even though such waterways may only carry water during rains and storms and may not carry stormwater at and during all times and seasons.

"Waters of the State" – All surface watercourses and water bodies, including lakes, bays, ponds, impounding reservoirs, springs, wells, rivers, streams, creeks,

marshes, inlets, canals, and all other bodies of surface waters (Porter Cologne Section 13050 (e)), and which are within the County of Placer. This definition includes, but is broader than, Waters of the United States.

Any term(s) defined in the Federal Clean Water Act, as amended, and/or defined in the regulations for the stormwater discharge permitting program issued by the Environmental Protection Agency, as amended, and which are not specifically defined above, shall, when used in this Article, have the same meaning as set forth in said act or regulation.

8.28.060. Responsibility for Administration.

The Director of Public Works of the County of Placer shall administer the provisions of this Article. Any duties herein may be performed by other departments of the County.

8.28.070. Conflicts with other laws

In the event of any conflict between this chapter and any federal or state law or regulation, that requirement which establishes the higher standard for public health shall govern. To the extent permitted by law, nothing in this chapter shall preclude enforcement of any other applicable law, regulation, order, permit, or County ordinance.

8.28.080. Discharge Prohibitions

Except as provided in Section 8.28.090, it is unlawful for any person to make or cause to be made any illicit discharge into the storm drain system. Notwithstanding the exemptions provided by Section 8.28.090, if the Enforcement Agency determines any otherwise exempt discharge causes or significantly contributes to violations of any plan standard, or conveys significant quantities of pollutants to surface water(s) or watercourse(s), or is a danger to public health or safety, such discharge shall be prohibited from entering the storm drain system.

8.27.090. Exemptions to Prohibited Discharges.

Discharges from the following activities shall not be prohibited except as otherwise provided by this Article:

A. Water line flushing and discharges from potable water sources.
B. Landscape irrigation and lawn watering.
C. Diverted stream flows and irrigation water.
D. Springs, rising groundwater, and flows from riparian habitat and wetlands.
E. Uncontaminated groundwater infiltration (as defined at 40 Code of Federal Regulation Section 35.2005(b)(20)).
F. Uncontaminated pumped groundwater, foundation drains, footing drains, and water from crawl space pumps.
G. Air conditioning condensation.
H. Individual residential car washing.
I. Dechlorinated swimming pool discharges.
J. Fire fighting flows.

8.28.100. Discharge in Violation of Existing NPDES Permit.

Any person subject to any individual and/or industrial NPDES stormwater discharge permit shall comply with all provisions of such permit and any regulations or ordinances promulgated thereto, including requirements of the Grading and Erosion Prevention Ordinance of Placer County (Article 15.48). Proof of compliance with said permit may be

required in a form acceptable to the Enforcement Agency prior to or as a condition of a subdivision map, site plan, building permit, or development, re-development, or improvement plan; upon inspection of the facility; during any enforcement proceeding or action; or for any other reasonable cause.

8.28.110. Discharge in Violation of County's NPDES Permit; Indemnification.

Any discharge that would result in or contribute to a violation of any NPDES permit for stormwater discharges to the County issued by the California State Water Resources Control Board or Regional Water Quality Control Board and any amendment, revision or reissuance thereof, either separately considered or when combined with other discharges, is prohibited. Liability for any such discharge shall be the responsibility of the person(s) so causing or responsible for the discharge, and such persons shall defend, indemnify and hold harmless the County in any administrative or judicial enforcement action relating to such discharge.

8.28.120. Acts Potentially Resulting in Violation of Federal Clean Water Act and/or Porter-Cologne Act.

The standards set forth herein and promulgated pursuant to this Article are minimum standards. This Article does not intend or imply that compliance to these minimum standards will ensure that there will be no contamination, pollution, nor unauthorized discharge of pollutants into the waters of the State. This Article shall not create liability on the part of the County, or any agent or employee thereof for any damage that results from any discharger's reliance upon this Article or any administrative decision made thereunder.

8.28.130. Right of Entry; Inspections.

A. The Enforcement Official is authorized to enter any building or premises for the purpose of making an inspection to enforce this Article, using the provisions of Article 1.28.

B. The Enforcement Official may conduct inspections related to purposes of implementing this chapter on private or public property. Inspections shall be based upon such reasonable selection processes as may be deemed necessary to carry out the objectives of the Chapter, including, but not limited to, visual evidence, complaints received, knowledge or physical evidence of industrial activities or other pollutant sources, random sampling, sampling in areas with evidence of stormwater contamination, illicit connections, discharge of non-stormwater to the County storm drain system, or similar factors.

8.28.140. Concealment and Abetting.

Causing, permitting, aiding, abetting, or concealing a violation of any provision of this Article shall constitute a violation.

8.28.150. Reduction of Pollutants in Stormwater, Best Management Practices.

A. General Requirements.

Any person engaging in activities that may result in pollutants entering the storm drain system shall implement Best Management Practices to the maximum extent practicable to prevent and reduce such pollutants.

B. Maintenance

All BMPs shall be protected and maintained to ensure continuous and fully effective performance as designed.

C. Illicit Connection.

The construction, use, maintenance or continued existence of illicit connections is prohibited. This prohibition includes illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of the connections. Upon final adoption of this Article, any property owner or lessee who maintains an illicit connection shall, within thirty (30) days from the effective date of this Article, disconnect and discontinue use of said connection.

D. Waste disposal

No person shall throw, deposit, leave, maintain, keep, or permit to be thrown, deposited, left, or maintained in or upon any public or private property, driveway, parking area, street, alley, sidewalk, component of the storm drain system, or waters of the State, any refuse, rubbish, garbage, litter, or other discarded or abandoned objects, articles, and accumulations, so that the same may cause or contribute to pollution.

E. Construction Activities

Any person performing construction work within the County shall implement appropriate BMPs to prevent the discharge from the site of soil or construction wastes or debris, including contaminants from construction materials, tools, and equipment to the stormwater drainage system.

F. Sidewalks

Every property owner or any tenant in legal possession of the property upon which there is a paved sidewalk shall maintain that portion of the sidewalk on the property free of dirt or litter to the maximum extent practicable. Sweepings from the sidewalk shall not be swept into or otherwise allowed to enter the gutter or roadway, storm drain system, or any Waters of the State, but shall instead be disposed of in receptacles maintained as required for proper disposal of solid waste.

G. Watercourse protection

Every person owning property through which a watercourse passes, or such person's lessee, shall keep and maintain that part of the watercourse within the property reasonably free of trash, debris, and other obstacles that would pollute, contaminate, or significantly retard the flow of water through the watercourse. Any owner or lessee that conducts development as defined herein shall maintain existing privately owned structures within or adjacent to a watercourse such that the effective functioning and physical integrity of the watercourse is protected, and in a manner which does not cause pollution.

H. Development

The County may incorporate appropriate BMPs to control the volume, rate, and potential pollutant loading of stormwater runoff from development. These required BMPs will be contained in any land use entitlement and construction or building-related permit to be issued relative to such development or re-development. The owner and developer shall comply with the terms, provisions, and conditions of such land use entitlements and building permits as required in this Article.

I. Paved areas

Persons owning, operating, or maintaining a paved area, including the paved areas of a parking lot, gas station, paved private street, road, or driveway, and related storm drain systems shall clean those structures as frequently and as thoroughly as practicable in a manner that does not result in discharge of pollutants to the storm drain system.

8.28.160. Containment and Notification of Illegal Discharges.

Any person owning or occupying a premises who has knowledge of any illicit discharge from or across those premises which might enter the storm drain system, except as provided in Section 8.28.090, shall:

A. Immediately take all reasonable action to contain and abate the illicit discharge, and;

B. Notify the Enforcement Agency or its designated contact person within twenty-four (24) hours of the illicit discharge. The Enforcement Agency may require the owner of the property and/or the responsible person to take corrective actions within a specified time pursuant to this Article.

8.28.170. Coordination with Hazardous Materials Inventory and Response Program.

Any business subject to the County's hazardous materials inventory and release response plan shall include, at the first opportunity for revision, provisions in that plan for compliance with this Article.

8.28.180. Enforcement.

Any person who violates a provision of this Article may be subject to administrative, civil, or criminal liability as provided in this Article.

A. Primary Authority

The Enforcement Agency is empowered to use any of the provisions of Sections 8.28.190 through 8.28.220, and the provisions found in Articles 1.24 or 17.62 where appropriate to correct violations of, and secure compliance with the provisions of this Article.

B. Warning Not Required

Issuance of a warning shall not be a requirement prior to using any enforcement provision of this Article.

8.28.190. Violation

A. Informal Warning, Educational Materials.

Whenever the Enforcement Official determines that a violation of a provision of this Article has occurred or may occur, the Enforcement Agency may provide a warning to any person and/or owner responsible for the condition giving rise to such violation or potential violation. Such warning may include the distribution of educational materials to assist in future compliance with this Article. This warning may be provided in person or in writing.

B. Notice of Noncompliance.

Whenever the Enforcement Official determines that a violation has occurred, the Enforcement Official may serve a Notice of Noncompliance to any person and/or owner responsible for the violation. Each Notice of Noncompliance shall contain the following information:

1. The date of the violation;

2. The address or a definite description of the location where the violation occurred;
3. The Article section violated and a description of the violation;
4. A description of how the violation can be corrected;
5. A time limit by which the violation shall be corrected, after which further enforcement and/or corrective actions may be taken by the County if the violation is not fully corrected.
6. The name and signature of the individual preparing the Notice of Noncompliance; and
7. Notice of potential liability under the federal Clean Water Act or State Porter Cologne Water Quality Act.

C. Administrative Compliance Order

1. Whenever the Enforcement Official determines that a violation has occurred, the Enforcement Official may serve an Administrative Compliance Order to any person and/or owner responsible for the violation. Each Administrative Compliance Order shall contain the following information:
   i. The date of the violation;
   ii. The address or a definite description of the location where the violation occurred;
   iii. The Article section violated and a description of the violation;
   iv. An order to cease all activities which are believed to be causing the violation;
   v. A time limit by which the violation shall be corrected, after which corrective actions will be taken by the County if the violation is not fully corrected.
   vi. A statement that the County will charge the person and/or owner for all administrative costs associated with enforcement actions;
   vii. An order prohibiting the continuation or repeated occurrence of the violation;
   viii. The name and signature of the individual preparing the citation;
   ix. A statement outlining the procedure for appeal of the Order; and
   x. Notice to the violator of potential liability under the federal Clean Water Act or State Porter Cologne Water Quality Act.

D. Citation

The Enforcement Official is authorized to issue citations for infractions of this section using the provisions found in Articles 1.24. or 17.62.

E. Misdemeanor

Any violation of this Article is a misdemeanor and may be punished using the provisions of Article 1.24.

F. Service

The Enforcement Officer is authorized to use the provisions of Section 17.62.080(b) to serve a **Notice of Noncompliance, Citation, and/or Administrative Compliance Order** to effectuate the provisions of this Article.

G. Separate Violation; Intent

1. Each day in which a violation occurs and each separate failure to comply with any provision of this Article is a separate offense and punishable by penalties in accordance with this Article.

2. A violation of the provisions of this Article shall occur irrespective of the negligence or intent of the violator to construct, maintain, operate, or utilize an illicit connection, or to cause, allow or facilitate any discharge or threatened discharge.

8.28.200. Administrative Appeals

A. Any person receiving an Administrative Compliance Order under subpart c of Section 8.28.190, or any person required to perform monitoring, analysis, reporting or corrective activities by any Enforcement Official and who is aggrieved by this decision of the Enforcement Official may appeal the decision in writing to the Director of Public Works within ten days following the effective date of the decision. Upon receipt of such appeal, the Director of Public Works shall request a report and recommendation from the authorized County employee and shall set the matter for hearing at the earliest practical date. At said hearing, the Director of Public Works may base his or her decision on additional evidence, and may reject, affirm or modify the Enforcement Official's decision.

B. The decision of the Director of Public Works may be appealed to the Board of Supervisors by filing a notice of appeal with the clerk of the Board of Supervisors within fifteen (15) days of receipt of the decision of the Director of Public Works. Such appeal shall be in writing and shall set forth fully the grounds for the appeal. The board shall thereupon fix a time and place for a public hearing of such appeal. The clerk of the board shall give notice to the appellant of the time and place of hearing by serving it personally or by depositing it in the U.S. Post Office, postage prepaid, addressed to the appellant at his last known address at least five days prior thereto.

At the hearing before the Board of Supervisors, the appellant may appear in person or by counsel and present any relevant evidence relating to the grievance; the Enforcement Agency may present evidence in rebuttal thereof. The hearing may be continued from time to time, not to exceed thirty (30) days in all. The Board of Supervisors shall conduct a hearing and make findings as appropriate. The decision of the Board of Supervisors shall be final.

8.28.210. Civil actions.

In addition to any other remedies provided in this Section, any violation of this Article may be enforced by civil action brought by the County. In any such action, the County may seek, as appropriate and allowed by law, any or all of the following remedies:

A. A temporary restraining order, preliminary and permanent injunction;
B. Reimbursement for the costs of any investigation, inspection or monitoring survey which led to the establishment of the violation, and for the reasonable costs of preparing and bringing action under this division;
C. Costs incurred in removing, correcting or terminating the adverse effect(s) resulting from the violation;
D. Compensatory damages for loss or destruction of water quality, wildlife, fish and aquatic life. Costs and damages under this subsection d. shall be paid to the County and shall be used exclusively for costs associated with monitoring and establishing stormwater discharge pollution control system and/or implementing or enforcing the provisions of this division.

8.28.220. Nuisance Abatement; Urgency Abatement.

A. Nuisance Abatement

The Enforcement Agency may, in addition to other authorized procedures set forth in this Article, take action to abate any nuisance in accordance with the procedures found in Section 17.62.160. The costs of any such abatement undertaken by the County shall be borne by the owner and shall be collectable in accordance with the provisions of 17.62.090.

B. Urgency Abatement

The Enforcement Agency may, in addition to other authorized procedures, take immediate action to abate any discharge or threatened discharge from any source to the storm drain system when, in the discretion of the Enforcement Agency, the discharge or threatened discharge causes or threatens to cause a condition which presents an imminent danger to the public health, safety, or welfare, or the environment, or a violation of a NPDES permit. The Enforcement Agency must first make reasonable attempts to contact and compel the responsible person and/or owner to abate the discharge or threatened discharge in a satisfactory manner. The costs of any such abatement shall be borne by the owner and shall be collectable in accordance with the provisions of 17.62.090.

8.28.230. Regulatory Fee Structure Authorized.

The Enforcement Agency shall collect such fees as may be authorized by the Board of Supervisors to establish and collect regulatory costs, which include routine inspections and other regulatory functions associated with this Article. Any such fees shall be established by resolution of the Board of Supervisors.

8.28.240. Severability

If any section, subsection, paragraph, sentence, or phrase of this Article is found to be invalid or unconstitutional for any reason, that finding shall not affect the remaining portions of this Article.

Appendix 4

Project Tracking Database

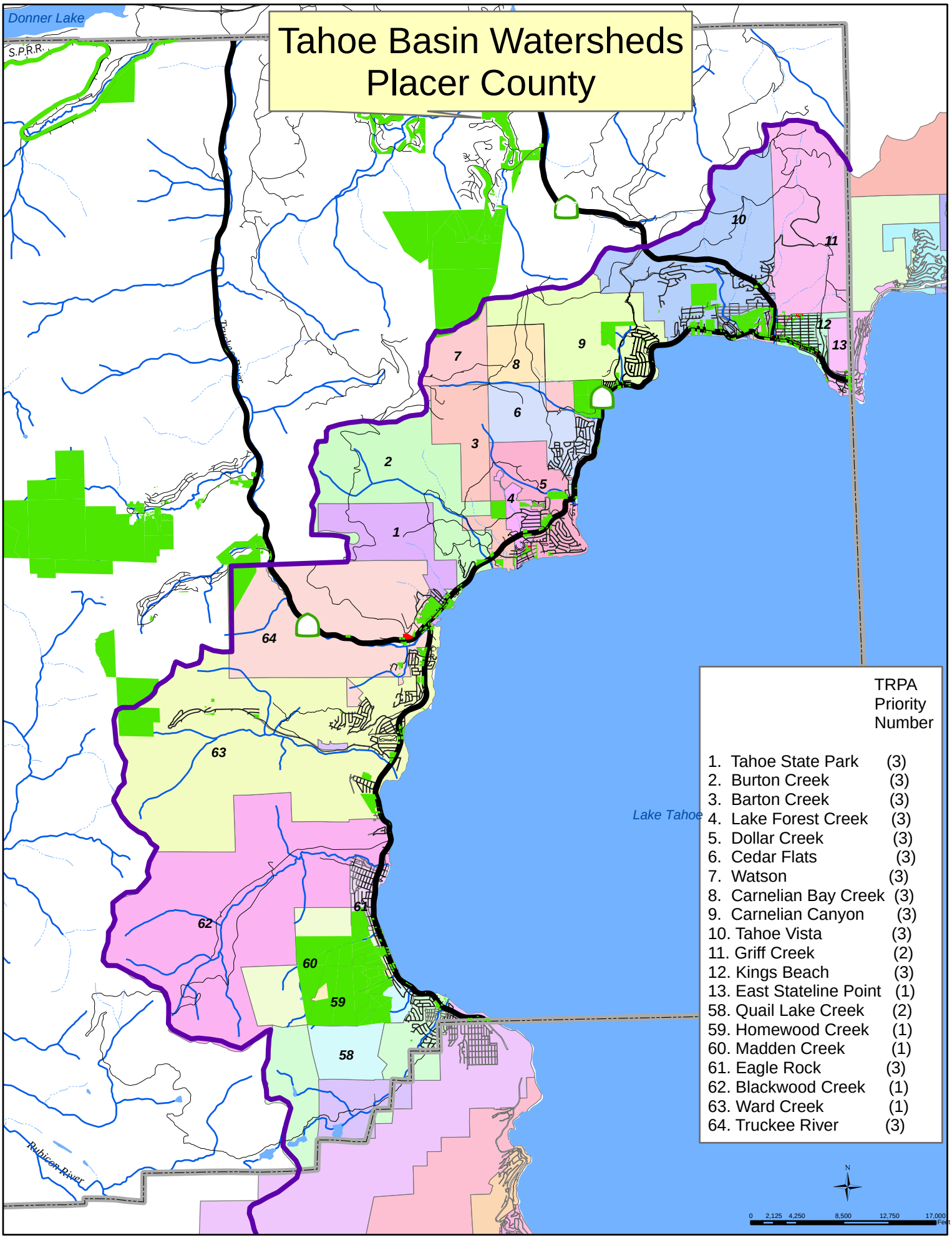
#	TRPA Watershed Name	Priority	Erosion Control Project	Impervious Area %	Land Use Category	WQ_Proj_DB Inv. ID #
1	Tahoe State Park	3	Burton Creek			85
			Tahoe City Residential (2008)			
4	Lake Forest Creek	3	Lake Forest (2010)			
			Tahoe City UIP			
5	Dollar Creek	3	Dollar Point			
6	Cedar Flats	3	Agate Bay			61
			Carnelian Drive			60
			Forest Road			49
			Nightengale Road			37
			Old County Road			56
9	Carnelian Canyon	3	Agate Road			87
			Agate Road Phase II			87
			Agate Road Phase III			87
			Carnelian Woods			59
			Nile Road (Flick Point I)			81
			Ridgewood			51
10	Tahoe Vista	3	Estates Drive			62
			Griff Creek II			34
			Kingswood West I			32
			Kingswood West II			
			National Ave			83
			Tahoe Estates (2008)			
			Tamarack Rd			76
12	Kings Beach	3	Beaver Street			
			Deer St			33
			Fox Street I			57
			Fox Street II			30
			Griff Creek I			
			Kings Beach			
			Kings Beach CCIP (2010)			
			Kings Beach Industrial (2009)			
			Kings Beach Residential (2009)			
			Upper Cutthroat			
13	East state line point	1	Brockway (2007)			
57	Mkinney Creek	1	Chambers Lodge			36
			Kailua Park I			45
			Kailua Park II			44
			McKinney Estates			41
			McKinney Rubicon Springs			58
59	Homewood Creek	2	Homewood (2011)			
			Homewood Canyon			40
60	Madden Creek	1	Fern Street			86
			Trout Street			42

Project Tracking Database

#	TRPA Watershed Name	Priority	Erosion Control Project	Impervious Area %	Land Use Category	WQ_Proj_DB Inv. ID #
62	Blackwood Creek	1	Skyland I			43
			Skyland II			48
			Tahoe Pines (2008)			
			Tahoe Swiss Village			31
63	Wark Creek	1	Alpine Peaks 1A			39
			Alpine Peaks II			50
			Apline Peaks 1B			38
			Bearing Drive			55
			Holly Road I			
			Holly Road II			80
			Lake Tahoe Park (2006)			
			Sequoia Ave			54
			Tahoe Park Heights			52
			Talmont			
			Timberland			
			Ward Creek Blvd			53
			West Sunnyside (2008)			

Appendix 5

Tahoe Basin Watersheds
Placer County



Note: Watershed information comes from TRPA database

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1.0 General Overview

Placer County, the City of South Lake Tahoe and El Dorado County are Co-Permittees under the National Pollutant Discharge Elimination System (NPDES) program Number R6T-2005-0026 and CAG616001. The current permit went into effect on October 12, 2005. The Permit Area is defined as the portion of Placer County that falls within the Lake Tahoe Hydrologic Unit (LTHU). Under the terms of the permit, the County has been designated responsibility for all storm water/urban runoff discharges in the Lake Tahoe watershed within the legal jurisdictional boundaries of Placer County**.**

2.0 Permittee Information

Permittee (Agency Name):	Placer County
Contact Person:	Bill Schell
Mailing Address:	3091 County Center Dr., Suite 220
City, State and Zip Code:	Auburn, CA 95603
Contact Phone Number:	530-745-7555
WDID #:	6A310010006

3.0 SWMP Revision and Implementation Requirements

Permit Section VIII requires progress reports, detailing the following activities to be submitted annually on May 1.

- Permit Section VIII A.4 - Municipal Facilities Retrofit Component
- Permit Section VIII B - Construction Component
- Permit Section VIII C.1 - and VIII C.2 Industrial Component
- Permit Section VIII D.1 - Commercial Component
- Permit Section VIII F.2 - Road and Facility Inspection Component
- Permit Section IX - Impaired Water Bodies/TMDL

4.0 Municipal Facilities Retrofit Component

The Lahontan Regional Board specifically requests the following:

> *"Detailed plan and schedule to develop and implement a project-tracking database no later than **May 1, 2007**. The plan shall include database development milestones and provisions for reporting progress to the Regional Board." Section VII.A also states " Permittees shall maintain a database of completed projects that includes the number and location of installed BMPs, the treated watershed area, amount of impervious area, land use, and the project discharge point(s). The use of a Geographical Information System (GIS) database is highly recommended, but not required."*

The County has constructed 51 erosion control projects in the Tahoe Basin since 1984. Appendix A details a list of the completed and pending projects.

Appendix A-1 is a Project Tracking Database. It lists TRPA project watershed name and TRPA priority, Land Use (in progress) and Erosion Control projects in the Watershed. Each project is assigned a County I.D. number.

Appendix A-2 lists the BMPs associated with each Erosion Control project number. For example, project I.D. number 85, Tahoe State Park, Burton Creek has 18 BMPs completed.

Some projects are presently being incorporated into GIS format which will be far more convenient than keeping separate database. The County's goal is to incorporate as much information into GIS format as resources allow. Progress on these GIS projects can be reviewed at:

10825 Pioneer Trail, Suite 105
Truckee, CA 96161

Appendix A-3 illustrates both completed and in-progress projects in a sample GIS project map.

Additional details, such as watershed characteristics and discharge points, are also required. Progress on this effort was reported to the Regional Board with the Annual Report submitted March 15, 2007. In addition, the Regional Board will be notified through verbal or written correspondence if significant, schedule breaking, issues occur during database development.

In addition, information pertaining to impervious area is gathered during base mapping efforts within project development. This information is available through individual project files, but is not currently available within a single database. Available information will be reviewed and compiled into a concise database.

The County is currently working on collecting the outfall mapping information. As this information is available, it is being entered into the County GIS system to be included in the project tracking database. The outfall mapping schedule is as shown below.

Efforts are currently underway to map the existing drainage infrastructure within the Basin, including outfall locations. Efforts on outfall mapping are shown in Table 1; the schedule for completion of the project tracking database is shown in Table 2; and a sample of the final database information is included in Appendix A-2.

Table 1 - Proposed Outfall/Stormdrain Mapping Schedule

Areas to be Inventoried	Development Schedule (Year)
Stateline at Brockway to Tahoe Vista	Summer 2006 – 90% completed, Summer 2006
Tahoe Vista to Tahoe City	Summer 2007- 20% completed, Summer 2006
Tahoe City to Tahoe Pines	Summer 2008
Tahoe Pines to Tahoma at County Line	Summer 2009
Final Database Production	Fall 2009 to Spring 2010

Table 2 - Project Tracking Database Development Schedule (ref: Permit Section VIII A.3).	
Database Feature	**Calendar Year**
Completed/Planned Projects Mapped into Database	2007
Map Watershed Areas (TRPA data set –Appendix A-3)	2007
Map Installed BMPs	2007-2009
Define Impervious Area and Land Use	2008-2009
Project Discharge Points (developed from outfall mapping)	2007-2009
Final Database Production	May 1, 2010

5.0 Construction Component

The Lahontan Regional Board specifically requests the following:

> *"A completed inventory of construction sites subject to local grading and construction permits for the 2006 construction season. Inventory shall be submitted no later than* ***May 1, 2006*** *and* ***annually*** *thereafter." Section VII.B states "Permittees shall develop and annually update an inventory of construction sites within its jurisdiction that involve more than three cubic yards of soil disturbance. This requirement is applicable to all construction sites regardless of whether the construction site is subject to the General Construction Permit. The use of a Geographical Information System (GIS) database is highly recommended, but not required."*

As outlined in the March 15, 2007 Annual Report, the County has a variety of construction project types subject to grading and construction permits. Generally, these are:

Improvement projects are subject to an extensive environmental review process and are subject to numerous conditions of approval prior to being permitted. Project conditions include land use, construction and operating limitations designed to reduce environmental impacts. Requirements for specialized studies are common and these projects nearly always include requirements for detailed construction plans, drainage analysis and water quality protection measures during and after construction.

Single family residential construction and remodel work is permitted and inspected by the County's Tahoe City Building Department. These projects are not subject to the extensive environmental review but are subject to meeting the requirements of the TRPA, including pre-grade inspection, temporary BMPs in place throughout construction activities.

Grading permits are generally associated with either development projects of residential construction. Any grading in excess of 3 cubic yards requires a grading permit.

The construction inventory report for the 2007 construction season is shown in Appendix B. This list shows the construction permit numbers which are currently active. This list contains approximately 1,550 construction permits which potentially could disturb the ground and potentially require BMPs. The actual number of active construction sites can continuously change as some projects are completed and new projects added. The database of all permitted projects is presently being maintained in the County's permit processing and tracking software named "PLUS". Hardcopy inspection cards are currently documenting our inspections, as fully described in our March 15, 2007 annual report. This list includes all active permits indicating all potentially active construction sites for the season. An active permit does not actually indicate that activity at a site will commence or continue this year. Once issued, permits are valid for up to 4 years with additional extensions possible. Activity is currently noted by the permitee calling for an inspection, or by other notification as required by the permit conditions. This process is being reviewed to assist with a more accurate "active" construction inventory. The PLUS database is undergoing an update to include a construction activity field and a BMP field to better track actual site construction progress. Until that time, active permits is the best indicator of potential activity for the season.

6.0 Industrial Component

The Lahontan Regional Board specifically requests the following:

> *"A completed inventory of identified industrial sites. Inventory shall be submitted no later than **May 1, 2007** and updated annually thereafter as needed. Detailed plan to conduct industrial site prioritization based on threat to water quality. Industrial site prioritization shall be completed no later than **May 1, 2007."** Permit Section VII C also states "Each Permittee shall develop and annually update as needed an inventory of industrial sites the Permittee has identified within its jurisdiction regardless of site ownership. The inventory shall include the following minimum information for each industrial site: name, address, and a narrative site description. The use of a Geographical Information System (GIS) database is highly recommended, but not required. To establish priorities for industrial oversight activities, the Permittee shall prioritize its watershed-based inventory developed pursuant to VII.C.1 above by threat to water quality. In evaluating threat to water quality each Permittee should consider (1) type of industrial activity; (2) materials used in industrial processes; (3) wastes generated; (4) pollutant discharge potential; (5) non-storm water discharges; (6) size of facility; (7) proximity to receiving water bodies; and (8) any other factors the Permittee deems relevant."*

The purpose of the Industrial Component is to identify industrial land uses in the Tahoe Basin portion of Placer County and develop and apply criteria to prioritize such uses according to threat to water quality.

The County has completed an initial inventory of 31 industrial sites within the Tahoe Basin, shown in Appendix C. The inventory included site address, property owner, APN,

watershed and associated priority, industrial use and estimated percent of impervious area.

Although the initial inventory has been captured and is available in the GIS database, Placer County has not been able to complete its Industrial site prioritization due to the large quantity of data which needs to be collected before assessment. An initial assessment was completed based on priority watershed designation. Depending on available resources the identified sites will be reviewed, using the criteria as outlined in Permit Section VII C.2, to identify possible threats to water quality. This information is scheduled for completion by March 15, 2009, and will be updated annually to reflect any business/use changes or priority change. Priority sites will be targeted annually for outreach and training for all high priority sites.

The elements included in prioritization of Industrial sites will include the following:

- List of industrial sites. (Appendix C)

- List priority sites so available resources may be focused on sites with higher probability of adversely affecting water quality. The screening process will take into account many factors including any history of prior violations, historical industry pollution trends and anticipated volume and type of pollutant. The County will pay close attention to pollutants of concern which include fine sediments, nitrogen and phosphorus. The screening process is scheduled for completion by December 2007.

- Collect pertinent water quality information from each “screened” industrial site. This information will be gathered through field inspection, mailings to business owners (if needed or appropriate) or review of existing data bases. Emphasis and effort will be focused on collecting information concerning pollutants of concern which are fine sediments, nitrogen and phosphorus.

- The County envisions a numerical rating method so each site could be given a numerical priority score which will rank the site as a high, medium or low priority. Each site will consider the eight parameters as listed in permit section VII.C.2. The prioritization processes (if existing) of other agencies, such as TRPA, will be reviewed for consistency throughout the Tahoe Basin. Prioritization decisions may be influenced by changing regulations, GIS information (for example, several sites grouped together whose combined affects are greater than any single site) and other unknowns at this time. This process is scheduled for completion by March 15, 2009.

The County has the industrial sites noted on a GIS database with currently available information including assessor’s parcel numbers, owners’ names, watershed, and type of industry. As the prioritization information is developed the GIS database can incorporate the type of potential pollutants, ranking criteria, etc. This GIS capability will allow the County to quickly locate and address any industrial issues. This GIS data input will continue as field information for industrial sites is gathered.

By having the industrial sites in a data base the County will be able to annually compare old and new industrial business information by using assessor's office information. This annual comparison should reveal any changes in the business and prompt a review of prioritization.

7.0 Commercial Component

The Lahontan Regional Board specifically requests the following:

> *"A completed inventory of high priority commercial activities/sites. Inventory shall be submitted no later than **May 1, 2007** and updated annually thereafter as needed. Permit Section VII.D also states "Each Permittee shall develop and annually update an inventory of high priority threat to water quality commercial activities/sources. (If any commercial site/source listed below is inventoried as an industrial site, as required under section VII.C.1 of this Order, it is not necessary to also inventory it as a commercial activities/source). The commercial source inventory should consider the following business types:*
>
> *(a) Automobile mechanical repair, maintenance, fueling, or cleaning;*
> *(b) Equipment repair, maintenance, fueling, or cleaning;*
> *(c) Automobile and other vehicle body repair or painting;*
> *(d) Retail or wholesale fueling;*
> *(e) Eating or drinking establishments;*
> *(f) Mobile carpet, drape or furniture cleaning;*
> *(g) Concrete mixing or cutting;*
> *(h) Painting and coating;*
> *(i) Golf courses, parks and other recreational areas/facilities;*
> *(j) Mobile pool and spa cleaning;*
> *(k) Snow removal activities*
> *(l) Other commercial sites/sources that the Permittee determines may contribute a significant pollutant load to its storm water collection, conveyance, and treatment facilities.*
>
> *The use of a Geographical Information System (GIS) database is highly recommended, but not required."*

The County has completed an initial inventory of approximately 825 commercial sites within the Tahoe Basin. The inventory includes site address, property owner, APN, zoning, watershed and associated priority, commercial use and estimated percent of impervious area for commercial businesses, as outlined in Permit Section VII D.1. From this inventory, high priority sites have been identified based on the activities and uses listed in the permit (as described above). The resulting priority list includes 154 sites, shown in Appendix D. The identified sites and uses will be reviewed to identify possible threats to water quality and will be updated annually to reflect any use or priority change. Priority sites and activities will be targeted for outreach and training reaching all high priority sites annually

The elements included in prioritization of commercial sites include the following:

- List of high priority commercial sites. (Appendix D)

- List high priority sites so available resources may be focused on sites with higher probability of adversely affecting water quality. Additional screening will take into account many factors including any history of prior violations, historical industry pollution trends and anticipated volume and type of pollutant. The County will pay close attention to pollutants of concern which include fine sediments, nitrogen and phosphorus. The screening process is scheduled for completion by December 2009.

The County has the commercial sites noted on a GIS database with available information of assessors parcel numbers, owners names, watershed, and business category. As the database is developed the GIS database can incorporate the type of potential pollutants, ranking criteria, etc. This GIS capability will allow the County to quickly locate and address any commercial issues. This GIS data input will continue as field information is gathered.

By having the commercial sites in a data base the County will be able to annually compare old and new commercial business information by using assessor's office information. This annual comparison should reveal the changes in the business and prompt a review of prioritization.

8.0 Road and Facility Inspection Component

The Lahontan Regional Board specifically requests the following:

> *"A plan to develop and implement a facilities and inspection findings database. The plan must include a detailed timeline with measurable milestones to establish a functioning database by **May 1, 2007**. Permit section VII.F also states "Each Permittee shall develop and implement a comprehensive facilities inspection program to assess maintenance needs."*

Placer County Public Works Department inspects public drainage facilities in the Tahoe Basin each Spring to evaluate condition and maintenance needs (inspections include facilities identified in Sections VII.F.1 and VII.F.2 of the permit [pp. 19-20]). Monitoring activities and identified maintenance needs are recorded in a database, including observed facility conditions, assessment of needed maintenance or follow-up activities, and assigned priority. Priority is based, in general, on health and safety concerns, threat to water quality and historic knowledge of the individual watershed area. The maintenance crews use this information to determine maintenance sequence for the remainder of the year. Facilities are re-inspected each Fall to verify completion of maintenance tasks and evaluate any newly identified issues. Examples of the 2006 Spring and Fall inspections database are shown in Appendix E.

The facilities inspection database includes all the municipal permit requirements, including annual inspection of: storm drain inlets, pipes, culverts, curb and gutter, asphalt dikes, rock lined or vegetated swales, and any other storm water collection and conveyance devices for signs of needed maintenance, evidence of erosion, damage

from snow removal or other equipment, and for accumulated sediment and debris (pine needles, trash, etc.).

9.0 Impaired Water Bodies/TMDL

The Lahontan Regional Board specifically requests the following:

> *"Pollutant Load Reduction Strategy Report By **May 1, 2007 .** Each Permittee shall develop and submit a pollutant load reduction strategy plan that will include, at a minimum, steps to (1) identify and map every storm water outfall within its jurisdiction and calculate the drainage area for each outfall; (2) develop a method to prioritize erosion control and storm water treatment projects; and (3) implement projects based on identified priorities."*

Placer County's ongoing strategy to reduce pollutant loads in the Tahoe Basin outlined as follows:

1) Storm Water Outfall and Watershed Inventory.

The County will continue efforts to locate and map storm drain improvements and outfalls with their tributary drainage areas, as discussed in Section D of the Annual Report (March 15, 2007), with completion targeted for 2010. This information will be strategically essential as the outfalls are an excellent source for future assessment of flow, volume and pollutants.

2) Prioritization

Each sub-watershed will be evaluated and prioritized according to potential risk of pollutant loading, after the completion of outfall and watershed mapping. Data will be reviewed for sources of potential pollutant discharges such as industrial sites, BMP retrofit status, and to consider new, pending and potential construction activity and known historical local problem areas. These factors will help predict which geographic areas and outfalls may have the greatest potential for pollutant contribution.

In addition, the County envisions developing a prioritization rating system where each sub-watershed can be assigned points for various parameters of water quality and then be assigned a final total score. Parameters would include type and number of pollutants, health and safety issues, estimated quantity of each pollutant and current regulatory requirements.

The sub-watershed areas identified as high risk will be given a higher priority level for targeted education and outreach efforts, consideration for capital projects, increased enforcement efforts, or other activities to target specific problems.

Since there is no direction concerning standards of monitoring or TMDLs then outfalls may be visually inspected for visible pollutants, with the potential for 1) enhanced public outreach efforts, and/or 2) corrective measures to be taken on a case by case basis, pending resources.

3) Project Implementation

After the sub-watershed prioritization list is completed, it will be used to in conjunction with the annual Spring and Fall maintenance efforts. High priority areas will additionally be monitored for visual signs of turbidity, trash and oil pollutants.

Most construction projects currently being constructed by Placer County in the LTHU are accomplished with grant funding resources. The matching of high priority sub-watersheds with grant funding agency objectives will have to be orchestrated through effort by County staff. It is possible that funding agency/source priorities may differ from those identified through County efforts, and this would affect decisions regarding capital projects planning and implementation.

Public complaints that are received concerning pollution problems could be “back-tracked” through the mapped geographic watershed area. Enforcement and public outreach efforts could be focused on those geographic watershed areas.

Appendix 7

Water Quality Standard Conditions of Approval

1. ip10 Prepare and submit with the project Improvement Plans, a drainage report in conformance with the requirements of Section 5 of the LDM and the Placer County Stormwater Management Manual that are in effect at the time of submittal, to the DPW for review and approval. The report shall be prepared by a Registered Civil Engineer and shall, at a minimum, include: A written text addressing existing conditions, the effects of the improvements, all appropriate calculations, a watershed map, increases in downstream flows, proposed on- and off- site improvements and drainage easements to accommodate flows from this project. The report shall identify water quality protection features and methods to be used both during construction and for long-term post-construction water quality protection. "Best Management Practice" (BMP) measures shall be provided to reduce erosion, water quality degradation, and prevent the discharge of pollutants to stormwater to the maximum extent practicable. **(MM)** (DPW) **(Use for all projects)**

2. ip13a Storm drainage from on- and off-site impervious surfaces (including roads) shall be collected and routed through specially designed catch basins, vegetated swales, vaults, infiltration basins, water quality basins, filters, etc. for entrapment of sediment, debris and oils/greases or other identified pollutants, as approved by DPW. Maintenance of these facilities shall be provided by the project owners/permittees unless, and until, a County Service Area is created and said facilities are accepted by the County for maintenance. Contractual evidence of a monthly parking lot sweeping and vacuuming, and catch basin cleaning program shall be provided to DPW upon request. Failure to do so will be grounds for discretionary Permit revocation. Prior to Improvement Plan or Final Map approval, easements shall be created and offered for dedication to the County for maintenance and access to these facilities in anticipation of possible County maintenance. No water quality facility construction shall be permitted within any identified wetlands area, floodplain, or right-of-way, except as authorized by project approvals. **(MM)** (DPW) **(Use for commercial projects with parking lots, and in addition to ip31)**

3. ip13b Storm drainage from on-and off-site impervious surfaces (including roads) shall be collected and routed through specially designed water quality treatment facilities (BMPs) for removal of pollutants of concern (e.g. sediment, oil/grease, etc.), as approved by DPW. With the Improvement Plans, the applicant shall verify that proposed BMPs are appropriate to treat the pollutants of concern from this project. Maintenance of these facilities shall be provided by the project owners/permittees unless, and until, a County Service Area is created and said facilities are accepted by the County for maintenance. Prior to Improvement Plan or Final Map approval, easements shall be created and offered for dedication to the County for maintenance and access to these

facilities in anticipation of possible County maintenance. No water quality facility construction shall be permitted within any identified wetlands area, floodplain, or right-of-way, except as authorized by project approvals. **(MM)** (DPW) **(Use for subdivision projects, and in addition to ip31)**

4. ip14 Drainage facilities, for purposes of collecting runoff on individual lots, shall be designed in accordance with the requirements of the County Stormwater Management Manual that are in effect at the time of submittal, and shall be in compliance with applicable stormwater quality standards, to the satisfaction of DPW. These facilities shall be constructed with subdivision improvements and easements provided as required by DPW. Maintenance of these facilities shall be provided by the homeowners'/property owners' association. **(MM)** (DPW) **(Use for residential subdivisions with pad grading)**

5. ip15 **ADVISORY COMMENT:** Projects with ground disturbance exceeding one-acre that are subject to construction stormwater quality permit requirements of the National Pollutant Discharge Elimination System (NPDES) program shall obtain such permit from the State Regional Water Quality Control Board and shall provide to DPW evidence of a state-issued WDID number or filing of a Notice of Intent and fees prior to start of construction. **(MM)** (DPW) **(Use for all projects having potential for over 1 acre of <u>total</u> ground disturbance)**

6. ip31 Water quality "Best Management Practices" (BMPs) shall be applied according to guidance of the California Stormwater Quality Association (CASQA) Stormwater Best Management Practice Handbooks for Construction, for New Development / Redevelopment, or for Industrial and Commercial, (or other similar source as approved by the DPW). BMPs shall be designed to mitigate (minimize, infiltrate, filter, or treat) stormwater runoff. Flow or volume based post-construction BMPs shall be designed at a minimum in accordance with the Placer County Guidance Document for Volume and Flow-Based Sizing of Permanent Post-Construction Best Management Practices for Stormwater Quality Protection. BMPs for the project include, but are not limited to all those identified in the approved "BMP Plan" and: _____. All BMPs shall be maintained as required to insure effectiveness. Proof of on-going maintenance, such as contractual evidence, shall be provided to DPW upon request. **(MM)**(DPW) **(Use for all projects, and list BMPs per mitigations, or as recommended by conditioner. Also use n14.)**

7. gd1n An Irrevocable Offer of Dedication for easements as required for access to, and protection and maintenance of, storm drainage retention/detention facilities, as well as post-construction water quality enhancement facilities (BMPs). Said facilities shall be privately maintained until such time as the Board of Supervisors accepts the offer of dedication. **(MM)** (DPW) **(Use for subdivisions, as appropriate)**

8. ccr1 Prior to the filing of the Final Map, Conditions, Covenants, and Restrictions (CC&Rs) shall be prepared and submitted to and approved by the DPW, County Counsel, and other appropriate County Departments and shall contain provisions/notifications related to those issues raised in Conditions ____. (PD/DPW/EHS/APCD)
   A) The applicants shall create a [redacted] association with certain specified duties/responsibilities including the enforcement of all of the following notifications. (DPW)
   B) None of the provisions required by this condition of approval shall be altered without the prior written consent of Placer County. (PD/DPW/EHS/APCD)
   C) Maintenance of all water quality Best Management Practices (BMPs). Inspections of these BMPs shall be conducted at least annually and maintenance records and proof of inspections shall be retained. **(DPW)** **(Use for all subdivisions)**

9. n14 Applicant or homeowners' or property owners' association shall distribute printed educational materials highlighting information regarding the stormwater facilities/BMPs, recommended maintenance, and inspection requirements, as well as conventional water conservation practices and surface water quality protection, to future buyers. Copies of this information shall be included in the Development Notebook. (EHS/DPW) **(Use for all subdivisions)**

10. This project is located within the area covered by Placer County's municipal stormwater quality permit, pursuant to the National Pollutant Discharge Elimination System (NPDES) Phase II program. Project-related stormwater discharges are subject to all applicable requirements of said permit. BMPs shall be designed to mitigate (minimize, infiltrate, filter, or treat) stormwater runoff in accordance with "Attachment 4" of Placer County's NPDES Municipal Stormwater Permit (State Water Resources Control Board NPDES General Permit No. CAS000004). **(MM)** **(DPW)** **(Use for all projects in Phase II Permit area)**

11. All storm drain inlets and catch basins within the project area shall be permanently marked/embossed with prohibitive language such as "No Dumping! Flows to Creek" or other language as approved by the DPW and/or graphical icons to discourage illegal dumping. Message details, placement, and locations shall be included on the Improvement Plans. DPW-approved signs and prohibitive language and/or graphical icons, which prohibit illegal dumping, shall be posted at public access points along channels and creeks within the project area. The [redacted] association is responsible for maintaining the legibility of stamped messages and signs. **(DPW)** **(Use for all projects with storm drain inlets and catch basins)**

12. All stormwater runoff shall be diverted around trash storage areas to minimize contact with pollutants. Trash container areas shall be screened or walled to prevent off-site transport of trash by the forces of water or wind. Trash containers shall not be allowed to leak and must remain covered when not in use. **(DPW)** **(Use for all commercial, multi-family, and industrial projects)**

13. Materials with the potential to contaminate stormwater that are to be stored outdoors shall be placed in an enclosure such as, but not limited to, a cabinet, shed, or similar structure that prevents contact with runoff or spillage to the stormwater conveyance system, or protected by secondary containment structures such as berms, dikes, or curbs. The storage area shall be paved to contain leaks and spills and shall have a roof or awning to minimize collection of stormwater within the secondary containment area. **(DPW)** **(Use for commercial, multi-family, and industrial projects, where applicable)**

(Conditions applicable to individual project categories)

14. Loading dock areas shall be covered and run-on and/or runoff of stormwater to the dock area shall be minimized. Direct connections to storm drains from depressed loading docks (truck wells or sumps) are prohibited. (DPW) **(Use for 100,000 square foot commercial developments and automotive repair shops)**

15. Repair/maintenance bays shall be protected (i.e., indoors, covered, etc.) to prevent run-on and/or runoff of stormwater from contacting the process area. All washwater, leaks, and spills shall be captured by a drainage system and drains shall be connected to a sump for collection and disposal. Direct connection of a repair/maintenance bay to the storm drain system is prohibited. The applicant/permittees shall properly connect to a sanitary sewer via an external grease or sand/oil interceptor and contact the Department of Facility Services to obtain an Industrial Waste Discharge Permit, if required. If connection to sanitary sewer is not available, the method of discharge shall be subject to review and approval by Placer County. (DFS/DPW) **(Use for 100,000 square foot commercial developments and automotive repair shops)**

16. Vehicle/equipment wash areas shall be designed to be self-contained and/or covered and equipped with a clarifier or other pretreatment facility. Direct connection of a vehicle/equipment wash area to the storm drain system is prohibited. The applicant/permittees shall properly connect to a sanitary sewer via an external grease or sand/oil interceptor and contact the Department of Facility Services to obtain an Industrial Waste Discharge Permit, if required. If connection to sanitary sewer is not available, the method of discharge shall be subject to review and approval by Placer County. (DFS/DPW) **(Use for 100,000 square foot commercial developments and automotive repair shops)**

17. Equipment/accessory washing/steam cleaning areas shall be designed to be self-contained and equipped with an external grease or sand/oil interceptor. Outdoor wash areas shall be covered, paved, and provide secondary containment. Direct connection of an equipment/accessory wash area to the storm drain system is prohibited. The applicant/ permittees shall properly connect to a sanitary sewer via an external grease or sand/oil interceptor and contact the Department of Facility Services to obtain an Industrial Waste Discharge Permit, if required. If connection to sanitary sewer is not available, the method of discharge shall be subject to review and approval by Placer County. (DFS/DPW) **(Use for restaurants)**

18. The fuel dispensing area shall be covered with an overhanging roof structure or canopy. The canopy shall not drain onto the fuel dispensing area, and the canopy downspouts must be routed to prevent drainage across the fueling area. The fuel dispensing area shall be paved with Portland cement concrete and have a minimum 2% slope, with separation from the rest of the site by a grade break to prevent run-on of stormwater. (EH) **(Use for retail gasoline outlets and automotive repair shops)**

Appendix 8

TO OBTAIN A GRADING PERMIT, YOU MUST FOLLOW THESE STEPS:
PLEASE READ ENCLOSED MATERIAL FOR POSSIBLE NEED OF ENGINEERED PLANS

1. Fill out a Grading Permit Questionnaire and Exemption Verification Form and submit it to the Placer County Community Development Resource Agency (Eng & Survey Department) for review.

2. **Provide three (3) sets of grading plans (2 for Engineering & Survey + 1 for Planning)** along with the grading permit questionnaire and the exemption verification form to the public service counter at the Community Development Resource Agency; 3091 County Center Dr, Auburn, CA [Tahoe-Sierra – 565 West Lake Blvd., Tahoe City, CA]. Cash or a check in the amount of **$340.00** must accompany the application forms to cover the cost of processing, evaluation and inspection.

3. The grading plans will be preliminarily audited to determine if they are adequate for environmental review and issuance of the grading permit. If the plans are adequate, the application package will be routed to the Planning division for completion of the environmental review process. If it is determined that the grading project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA), the application packet is returned to the Engineering & Surveying Department for further review and processing. You will be contacted directly if the project is determined not to be categorically exempt.

4. Once the application packet is returned to the Engineering & Surveying Department, it takes approximately one week for the engineering staff to complete the technical review of the application. When the technical review is completed, you will be notified that your grading permit is ready to be issued.

5. For grading permit requests to do work east of the Sierra Crest between October 15th & May 1st, the County Grading Ordinance prohibits grading during this time frame as well as possible additional rules/restrictions of other regulatory agencies.

6. A letter of approval from the Tahoe Regional Planning Agency (TRPA), in addition to a grading permit from CDRA is required for any grading on land that is within the Tahoe Basin, but which does not have an approved building permit.

If you have any questions, please call:

Engineering & Surveying (530)745-3110; Tahoe-Sierra area (530) 581-6227
Planning (530) 745-3110; Tahoe-Sierra (530)581-6280

Or Visit http://ordlink.com/codes/placer/_DATA/TITLE15/Article_15_48_GRADING__EROSION.html

PLACER COUNTY PLANNING DEPARTMENT

Reserved for Date Stamp

AUBURN OFFICE
3091 County Center Drive
Auburn, CA 95603
530-745-3000/FAX 530-745-3080
Website: www.placer.ca.gov/planning

TAHOE OFFICE
565 W. Lake Blvd./P. O. Box 1909
Tahoe City CA 96145
530-581-6280/FAX 530-581-6282
E-Mail : planning@placer.ca.gov

EXEMPTION VERIFICATION

Fee $ _____ Receipt # _____ Accepted by _____ Date Received: _____ File #:_____

--TO BE COMPLETED BY APPLICANT--

Assessors Parcel Number(s) _____

Property Owner _____

Mailing Address _____City _____State _____

Phone _____E-mail address _____

Project Location -- Be Specific _____

Proposed Project _____

_____

		YES	NO
1.	Are any trees located on the property within 50' of any proposed grading? (if **yes**, show all tree locations and their driplines within 50' of any grading activity)	_____	_____
2.	Is the project within a floodplain?	_____	_____
3.	Are any archaeological, cultural, or historical sites present?	_____	_____
4.	Are any wetlands, riparian areas, or vernal pools present onsite?	_____	_____
5.	Are any rare, threatened, or endangered species present onsite?	_____	_____
6.	Is the project within an overflight zone of any airport?	_____	_____
7.	Can the project impact, or be impacted by, either landfill operations, or sewage disposal facilities?	_____	_____
8.	Is the project within the Tahoe Basin?	_____	_____
9.	Is there any grading associated with this project?	_____	_____
10.	Is there a significant (10,000 sq. ft. or more) amount of impervious surface (paving, roof, sidewalk, etc.) proposed?	_____	_____
11.	Is there a potential for increased traffic?	_____	_____

_____ _____

Signature of individual completing this form Printed Name and Telephone Number

--TO BE COMPLETED BY REVIEWER--

Categorical Exemption Class and Number _____

Project Planner _____

Field Verification Date _____

Field Planner _____ _____

Name Title

GRADING PERMIT QUESTIONNAIRE

DATE: _____

PROPERTY OWNERS: _____ TELEPHONE: _____
_____

PROPERTY OWNERS
MAILING ADDRESS_____

AGENT NAME: _____TELEPHONE:_____E:MAIL_____
PROJECT
LOCATION:_____

BUILDING PERMIT NO: _____ APN: _____IN TAHOE BASIN Yes / No

TYPE OF PROJECT (i.e. residential, pond, retaining wall, mup, vaa etc.) _____

NOTE: THE PROJECT MAY REQUIRE CEQA COMPLIANCE COMPLETED THROUGH THE PLANNING DEPARTMENT.
CONSTRUCTION ACTIVITIES OVER 1 ACRE REQUIRE A REGIONAL WATER QUALITY CONTROL BOARD PERMIT.
IF THE PROPERTY IS SERVED BY SEPTIC AND/OR WELL, THERE MAY BE A FIELD REVIEW AND FEE

YES	NO		
____	____	1.	Are you placing or removing (or in combination) a total of 250 cubic yards or more of material?
____	____		If project located in Tahoe Basin –Is the total of material more than 3 cubic yards or area greater than 200 square feet?
____	____	2.	Are you adjacent to a stream, waterway, canal, sewage disposal system, in a flood plain, or building a private vehicular bridge?
____	____	3.	Do you have retaining wall(s), 4 feet or higher, from the bottom of footing? Or a surcharge, if less than 4 feet high?
____	____	4.	Are you going to have cut or fill depths on the property greater than 4 feet?
____	____		If project located in Tahoe Basin - Is the fill depth greater than 3 feet?
____	____	5.	Are you going to remove vegetation on 10,000 square feet or more on slopes of 10% or greater; or 1 acre or more on slopes less than 10%?
____	____		If project located in Tahoe Basin – Is clearing of vegetation more than 1000 square feet of area?
____	____	6.	Does this or adjacent property have drainage problems?
____	____	7.	Is any proposed work within 2 feet of the adjacent property line? Note: Maximum slopes are 2 to 1 (two feet of run to one foot of rise).
____	____	8.	Will your work affect any public facilities such as county roads, canals or other? Show any utility poles, lines, canals, etc. in detail.
____	____	9.	Will the grading create unstable or erodible slopes?
____	____	10.	Has the utility company been contacted to mark underground utilities?
____	____	11.	Do you have septic or well? If yes, please see Environmental Health for sign-off.

NOTES:

1. The grading plan shall provide the following information: Sufficient topographical information to the Engineering & Surveying Division for review; show spot elevations, slopes, the limits of grading, location of all existing and proposed structures, septic systems, fences, property lines and all features and directions of flow before and after the grading project and appropriate erosion control. Also show area of vegetation removal. The drawing should be at a scale of 1" = 40' or larger (i.e., 1" = 30', 1" = 20', 1" = 10', etc) so all required information may be easily reviewed. All required information shall be provided for a minimum of 100' beyond the area of grading even when this area extends into the adjacent property. **Show erosion control plan**

2. For more information regarding grading plans and the permit process, please call for Auburn Area, Ted Rel at (530) 745-7542 or Mike Foster at (530) 745-7518 or in Tahoe Area, Ed Staniforth at (530) 581-6227.

3. Any administrative decisions or requirements in regard to a grading permit may be appealed, within 15 calendar days, to the Placer County Planning Commission, 3091 County Center Drive, Auburn, CA, 95603.

Signature:_____
Owner/Agent

PART 4. PLANS AND SPECIFICATIONS
(Excerpt From Placer County Grading Ordinance)

15.48.300 Application--Plans.

A. Each application for a grading permit shall include the following:

1. A completed application form;
2. Two complete sets of grading plans;
3. Profiles, cross sections, and specifications as required;
4. A complete drainage report as required by the community development resource agency;
5. The application fee as determined by the board of supervisors.
6. Where applicable, evidence of coverage, or application for coverage, under an NPDES General Construction Permit.

B. The plans and other documents will be reviewed by the community development resource agency. The applicant and/or project engineer will be notified of any necessary changes to the plans. When the plans and other documents have been approved by the community development resource agency, a grading permit will be issued for the project. All work must be done in strict conformance with the approved plans and documents. The approved plans shall not be changed or altered except in accordance with the provisions of this article. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.310 Grading plans--Engineer required.

A. All plans and specifications shall be prepared and signed by a civil engineer except that the community development resource agency may waive this requirement if the proposed grading does not:

1. Endanger the public health, safety and welfare;
2. Require cuts and fills involving a combined total of one thousand five hundred (1,500) cubic yards of dirt or more, or where depth of fill exceeds ten (10) feet;
3. Include an access road serving five or more existing or potential residences;
4. Require a cut or fill that is situated so as to cause unduly increased soil pressure or reduce earth support upon adjacent structure or property;
5. Include the construction of any drainage or sediment control structures, culverts, or facilities or substantial alteration of any existing drainage course;
6. Include the creation or aggravation of an unstable slope condition;
7. Require construction of any retaining wall over four feet in height;
8. Include the construction of a vehicular bridge. (Ord. 5373-B (part), 2005; Ord. 5056-B (part), 2000)

15.48.320 Requirements for engineered grading plans.

Grading plans and specifications shall be prepared and signed by a civil engineer, as provided herein.

A. The plans shall include the following:

1. All plans shall be on twenty-four (24) inch by thirty-six (36) inch sheets unless otherwise approved, and shall be drawn at a scale no less than one inch equals one hundred (100) feet;
2. A title block. Plans shall be entitled “grading plan” and state the purpose of the proposed grading and the name of the engineer or firm by whom this plan is prepared, owner’s name and address, and site address;
3. A vicinity sketch (not at map scale) indicating the location of the site relative to the principal roads, lakes and watercourses in the area;
4. North arrow and scale;
5. A site plan indicating the extent of the work and any proposed divisions of land;
6. The complete site boundaries and locations of any easements and rights-of-way traversing or adjacent to the property;
7. The location of all existing or proposed roads, buildings, wells, pipelines, watercourses, septic systems or areas reserved for on-site sewage disposal, and any other structures, facilities, and features of the site, as well as the location of all improvements on lots within fifty (50) feet of the proposed work;
8. Location and nature of known or suspected soil or geologic hazard areas, including but not limited to serpentine rock areas, landslides, etc.;
9. Accurate contour lines of the existing terrain and proposed finished grade at intervals not greater than five feet, or spot elevations twenty-five (25) feet on center showing all topographic features and drainage patterns throughout the area where the proposed grading is to occur relative to a bench mark established on site. The contour lines/spot elevations shall be extended to a minimum of fifty (50) feet beyond the affected area, and further, if needed, to define intercepted drainage, and shall be extended a minimum of one hundred (100) feet outside of any future road right-of-way;
10. Approximate location of cut and fill lines extent and finished slopes of all proposed grading and the limits of grading for all proposed grading work, including borrow and stockpile areas;

11. Location, width, direction of flow and approximate location of any watercourses including tops and toes of banks;

12. Approximate boundaries of any areas with histories of flooding;

13. Cross sections, profiles, elevations, dimensions, and construction details based on accurate field data as may be required after initial review of plans;

14. Construction details for roads, watercourses, culverts, bridges and drainage devices, retaining walls, cribbing, dams, and other improvements existing or to be constructed, together with supporting calculations and maps as may be required after initial review of plans;

15. Proposed provisions for storm drainage control and any existing or proposed flood control facilities or septic tank disposal fields or areas reserved for on-site sewage disposal near the grading;

16. A detailed erosion and sediment control plan including specific locations, construction details, and supporting calculations for temporary and permanent sediment control structures and facilities;

17. A revegetation plan, including temporary erosion control plantings, permanent slope plantings, replacement of temporary groundcover, and irrigation facilities.

B. Additional supporting information which may be required includes, but is not necessarily limited to:

1. An estimate of the quantities of excavation and fill;

2. The location of any borrow site or location for disposal of surplus material;

3. A projected schedule of operations, including, as a minimum, the dates of:

a. Commencement of work;

b. Start and finish of rough grading;

c. Completion of drainage facilities;

d. Completion of work in any watercourse;

e. Completion of erosion and sediment control facilities;

f. Completion of hydromulching and other landscaping. If rough grading is proposed between October 15th and May 1st, a more detailed schedule of grading activities and use of erosion and sediment control facilities may be required;

4. Itemized cost estimate of the proposed grading and related work;

5. A complete drainage study in conformance with the Placer County flood control and water conservation district's stormwater management manual (latest edition);

6. Geotechnical investigation report and recommendations addressing the proposed work. (Ord. 5056-B (part), 2000)

NOTICE TO ALL BUILDING CONTRACTORS

PLACER COUNTY GRADING ORDINANCE, SECTION 15.48.070 EXEMPTIONS, STATES:

"Unless in conflict with provisions of adopted general and/or specific plans, or provisions applicable to the Tahoe Basin as described in Section 15.48.120, the following grading may be done without obtaining a permit. Exemption from the requirement of a permit shall not be deemed permission to violate any provision of this article."

SECTION 15.48.040 GRADING, STATES:
"No person shall do or permit to be done any grading in such a manner that quantities of dirt, soil, rock, debris or other material substantially in excess of natural levels are washed, eroded or otherwise moved from the site, except as specifically provided for by a permit. In no event shall grading activities cause or contribute to the violation of provisions of any applicable NPDES stormwater discharge permit. (Ord. 5056-B (part), 2000)"

A major problem that exists with building construction is the failure to prevent major erosion.

You are responsible to place appropriate erosion control measures when inclement weather is imminent and maintain them until permanent facilities are in place. For guidance on selecting site-specific erosion control BMPs and proper installation techniques, DPW recommends the California Stormwater Quality Association Stormwater Best Management Practice (BMP) Handbook for Construction (www.cabmphandbooks.com). The selected BMPs should reduce pollutant loading in the project's runoff to maximum extent practicable. Failure to implement erosion control BMPs will result in a "Stop Work" Notice being posted until the violation is satisfactorily resolved.

Notice To Construction Permittees
California Regional Water Quality Control Board
Stormwater Permit Requirements

Background

Stormwater discharges associated with construction activity are a potentially significant source of pollutants. The most common pollutant associated with construction is sediment. Sediment and other construction related wastes can degrade water quality in creeks, rivers, lakes and other water bodies. In 1992, the State Water Resources Control Board adopted a statewide General Permit for all stormwater discharges associated with construction activity that disturbs five or more acres of land. The General Permit is intended to ensure that construction activity does not impact water quality.

Modifications have been made to the General Permit and became effective March 2003. The change is that all construction sites disturbing one acre or more of land will be required to obtain permit coverage.

What You Need To Do

You need to obtain General Permit coverage if stormwater discharges from your site and either of the following apply:

- Construction activity result in one or more acres of land disturbance, including clearing, grading, excavating, staging areas and stockpiles or;

- The project is part of a larger common plan of development or sale (e.g. subdivisions, group of lots with or without a homeowner's association, some lot line adjustments) that results in one or more acres of land disturbance.

Contact Us

For further information or for General Permit application forms, please visit our web sites or contact the Regional Board field inspection staff person responsible for your jurisdiction:

State Water Resources Control Board
www.swrcb.ca.gov/stormwtr
(916) 341-5536

California Regional Water Quality Control Board, Central Valley Region
http://www.waterboards.ca.gov/centralvalley
(916) 464-4764

California Regional Water Quality Control Board, Lahontan Region

http://www.waterboards.ca.gov/lahontan/index.htm

(530) 542-5436

Placer County Stormwater Information
http://www.placer.ca.gov/Works/StrmWtr.aspx
(530) 745-7500

Tahoe Regional Planning Agency
http://www.trpa.org/BMPInfo/bmp.html
(775) 588-4547

County of Placer

Tahoe Basin Stormwater Management Plan Program Progress Report May 1, 2007

Prepared for Regional Water Quality Control Board, Lahontan
MUNICIPAL STORMWATER PROGRAM
PERMIT NO. CAG616001 & BOARD ORDER NO. R6T-2005-0026

Prepared by Placer County Department of Public Works
3091 County Center Drive, Suite 220
Auburn, CA 95603

EXAMPLE OF ACCEPTABLE GRADING PLAN

APPLICANT'S NAME:	Joe Applicant
STREET ADDRESS:	12343 Site Way
CITY:	Auburn
PHONE:	003-0000
A.P.N.#:	000-000-001
DATE:	12/19/96

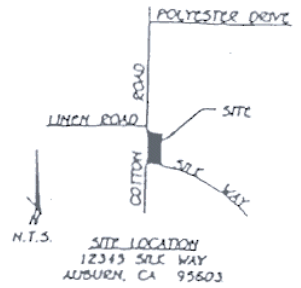
INFORMATION REQUIRED

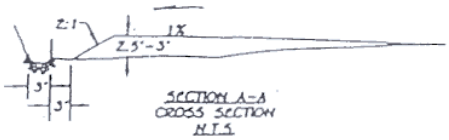
1. APPLICANTS NAME, ADDRESS AND PHONE NUMBER
2. ASSESSOR'S PARCEL NUMBER
3. SITE PLAN
4. VICINITY MAP (SITE LOCATION)
5. AMOUNT OF EARTH BEING MOVED
6. CROSS SECTION
7. GRADING AREA
8. DIRECTION AND DEGREE OF SLOPE AND/OR EXISTING CONTOURS
9. DRAINAGE AREAS AND STREAMS
10. SIZE AND LOCATION OF TREES AND DRIPLINE
11. BEST MANAGEMENT PRACTICES (EG. SHOW BALE DIKES)

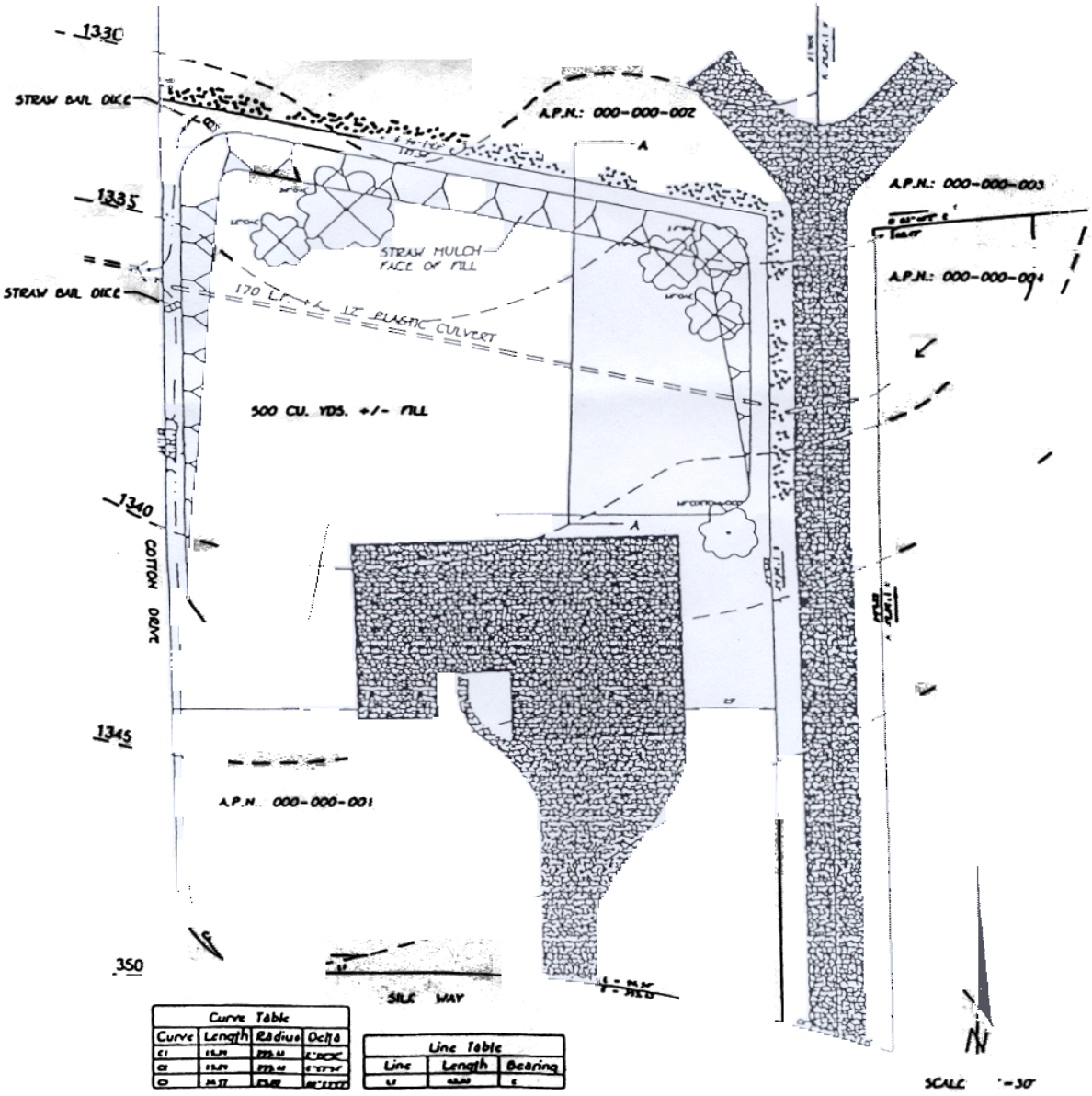
= TREE TO BE REMOVED

= TREE TO REMAIN

= COUNTOURS OF EXISTING TOPOGRAPHY







Curve Table			
Curve	Length	Radius	Delta
C1	[illegible]	[illegible]	[illegible]
C2	[illegible]	[illegible]	[illegible]
C3	[illegible]	[illegible]	[illegible]

Line Table		
Line	Length	Bearing
L1	[illegible]	[illegible]

NOTES:

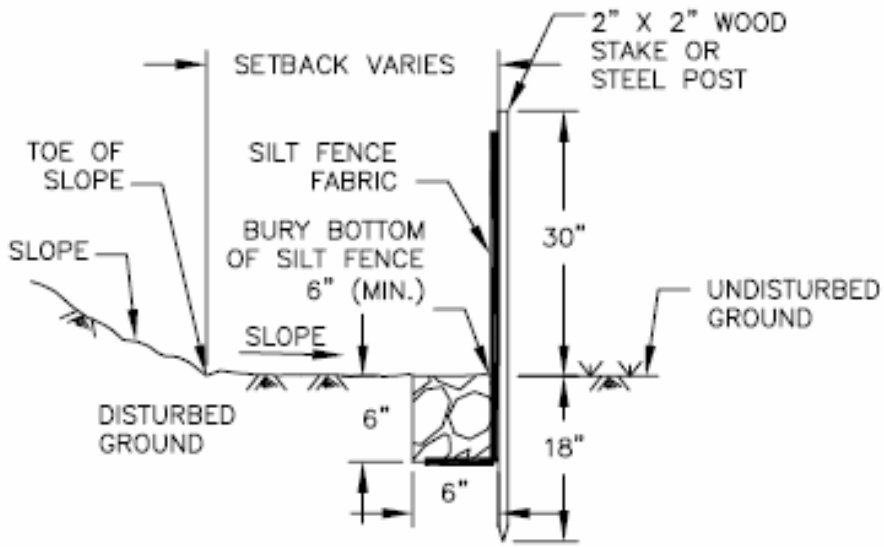
1. DO NOT USE IN STREAMS, CHANNELS, DRAIN INLETS, OR ANYWHERE FLOW IS CONCENTRATED. DO NOT USE TO DIVERT FLOW.
2. THE MAXIMUM LENGTH OF SLOPE DRAINING TO ANY POINT ALONG THE SILT FENCE SHOULD BE 200 FT OR LESS.
3. SILT FENCE FABRIC SHOULD BE WOVEN POLYPROPYLENE WITH A MINIMUM WIDTH OF 36 IN AND A MINIMUM TENSILE STRENGTH OF 100 LB FORCE.
4. THE FOLLOWING CRITIERIA IS RECOMMENDED FOR SELECTION OF THE FABRIC EQUIVALENT OPENING SIZE:
   A. IF 50% OR LESS OF THE SOIL, BY WEIGHT, WILL PASS THE U.S. STANDARD SIEVE NO. 200, SELECT THE EOS TO RETAIN 85% OF THE SOIL. THE EOS SHOULD NOT BE FINER THAN EOS70.
   B. FOR ALL OTHER SOIL TYPES, THE EOS SHOULD BE NO LARGER THAN THE OPENINGS IN THE U.S. STANDARD SIEVE NO. 70 EXCEPT WHERE DIRECT DISCHARGE TO A STREAM, LAKE, OR WETLAND WILL OCCUR, THEN THE EOS SHOULD BE NO LARGER THAN STANDARD SIEVE NO. 100.
5. CONNECTION/JOINING OF SILT FENCES SHALL BE COMPLETED BY TIGHTLY OVERLAPPING THE ENDS OF THE ROLLS A MINIMUM OF 12" OR BY OVERLAPPING THE END POSTS AND SECURING THE TWO POSTS TOGETHER TIGHTLY WITH PLASTIC WIRE TIES AND/OR STEEL BAILING WIRE (9 GAUGE OR HEAVIER).
6. STAKES SHALL BE SPACED AT 8'-0" MAXIMUM AND SHALL BE POSITIONED ON DOWNSTREAM SIDE OF FENCE.
7. STAPLES USED TO FASTEN THE FENCE FABRIC TO THE STAKES SHOULD BE NOT LESS THAN 1.25 IN. LONG AND SHOULD BE FABRICATED FROM 15 GAUGE OR HEAVIER WIRE. PLASTIC WIRE TIES AND/OR STEEL BAILING WIRE (9 GAUGE OR HEAVIER) MAY BE SUBSTITUTED. NOT LESS THAN 4 STAPLES/TIES SHALL BE USED ON EACH STAKE.
8. THE LAST 8' OF FENCES SHALL BE TURNED UPSLOPE.
9. SILT FENCES SHOULD BE LEFT IN PLACE, REGULARLY INSPECTED, AND MAINTAINED UNTIL THE UPSTREAM AREA IS PERMANENTLY STABILIZED.
10. SEDIMENT SHOULD BE REMOVED BEFORE THE SEDIMENT ACCUMULATION REACHES ONE-THIRD OF THE BARRIER HEIGHT.

COUNTY OF PLACER
DEPARTMENT OF PUBLIC WORKS

SILT FENCE

DATE: JULY, 2005	NTS	PLATE **C-5**

APPROVED: Jim Hackworth
DIRECTOR OF PUBLIC WORKS

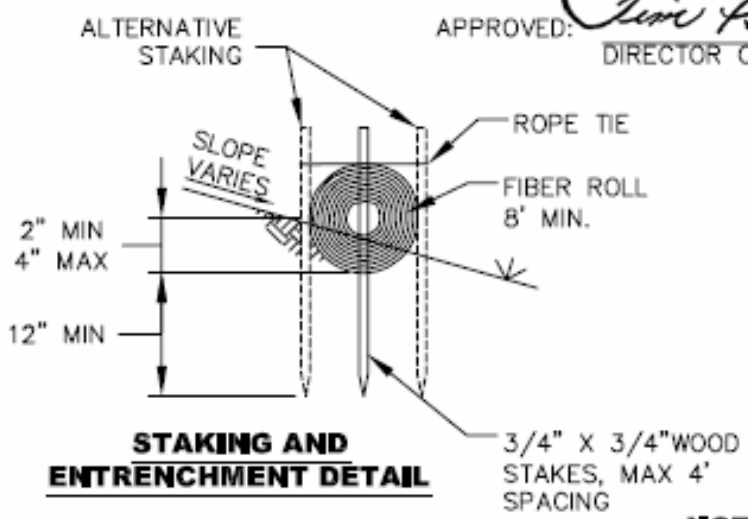


APPROVED: Eric Hackworth
DIRECTOR OF PUBLIC WORKS

COUNTY OF PLACER
DEPARTMENT OF PUBLIC WORKS

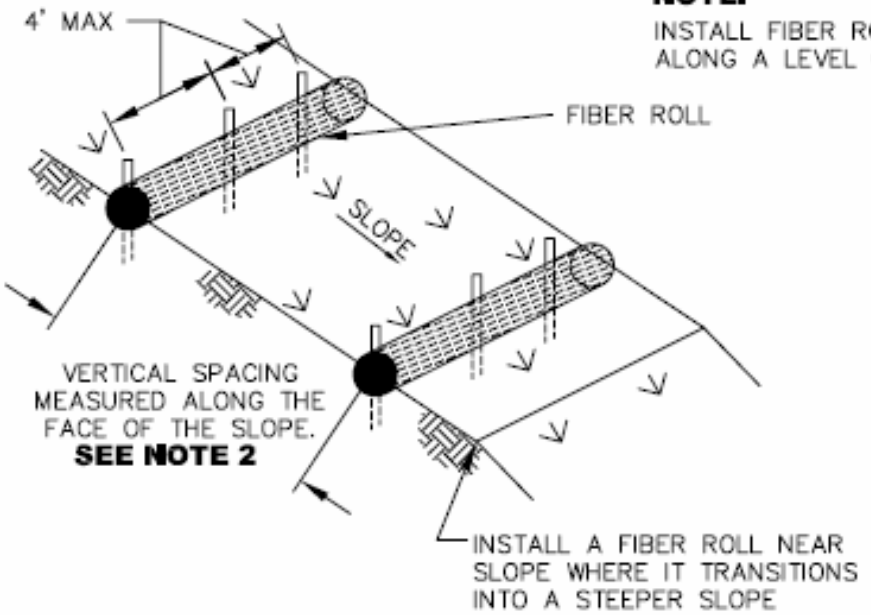
FIBER ROLL INSTALLATION ON SLOPES

DATE: JULY, 2005	NTS	PLATE **C-6**



STAKING AND ENTRENCHMENT DETAIL

NOTE:
INSTALL FIBER ROLL ALONG A LEVEL CONTOUR



TYPICAL FIBER ROLL INSTALLATION

NOTES:

1. FIBER ROLLS SHOULD CONSIST OF STRAW, FLAX, WOOD EXCELSIOR OR COCONUT FIBERS BOUND IN A TIGHT TUBULAR ROLL.
2. LOCATE FIBER ROLLS ON LEVEL CONTOURS SPACED AS FOLLOWS:
   - SLOPE INCLINATION OF 4:1 (H:V) OR FLATTER: FIBER ROLLS SHOULD BE PLACED AT A MAXIMUM INTERVAL OF 20 FT.
   - SLOPE INCLINATION BETWEEN 4:1 AND 2:1 (H:V): FIBER ROLLS SHOULD BE PLACED AT A MAXIMUM INTERVAL OF 15 FT.
   - SLOPE INCLINATION OF 2:1 (H:V) OR GREATER: FIBER ROLLS SHOULD BE PLACED AT A MAXIMUM INTERVAL OF 10 FT.
3. TURN THE ENDS OF THE FIBER ROLL UP SLOPE TO PREVENT RUNOFF FROM GOING AROUND THE ROLL.
4. IF MORE THAN ONE FIBER ROLL IS PLACED IN A ROW, THE ROLLS SHOULD BE OVERLAPPED, NOT ABUTTED.
5. FIBER ROLLS MAY BE USED FOR DRAINAGE INLET PROTECTION IF PROPERLY ANCHORED.
6. SEDIMENT SHOULD BE REMOVED WHEN SEDIMENT ACCUMULATION REACHES ONE-HALF THE SEDIMENT STORAGE DEPTH.

Appendix 9

COUNTY OF PLACER
TAHOE BASIN
STORMWATER QUALITY
CONSTRUCTION SITE PRIORITIZATION PLAN

As required under the Lahontan Region and Water Quality Control Board Municipal Permit, Order Number R6T-2005-0026, NPDES No. CAG616001 the County is to submit a detailed plan to conduct site prioritization. Prioritization will be based on:

1. Soil erosion potential (using TRPA land classification as a minimum guide);
2. Steepness of site slope;
3. Project size and type;
4. Stage of construction;
5. Proximity to the Lake or water way
6. Sites and/or contractors with a previous history of non-compliance.

Placer County currently uses a database system to input construction and grading permit information. This database currently identifies project size and type but does not identify adequately any of the other five prioritization factors. Inclusion of this information will be through addition in the database of site priority.

Site priority will be established when the permit is initiated. The permit application will be reviewed for the above six factors. This will be done through a reviewer checklist (i.e. checklist will address each factor such as"Is site within 50 feet of water way?"). If the permit meets any of the checklist criteria, it will be given a "High" priority. All others will be rated as "Standard." During the permit review or during actual construction/grading activities it will be possible for the priority to change (such as site conditions change or initial permit features change).

The database is maintained on a continuous basis as permits are initiated and issued. An actual report with construction and grading permit inventory and prioritization will be completed annually for the May 1 report.

Appendix 10

6PLA011600 task 57

PSOMAS
DAILY INSPECTION REPORT - DEVELOPMENT

DATE: OCTOBER 6 06

WEATHER: CLOUDY SHOWERS

M T W T (F) S S (circle day)

INSPECTION HOURS= 5 1OT

PROJECT TITLE: SILLER RANCH UNIT 1

PROJECT NO.: PN8310

CLIENT: PLACER COUNTY

CONTRACTOR: JOY/WADDELL

THE SITE WAS MUDDY IN THE MRNING. LAURIE CARPENRT SWPPP CONSULTANT RESTRICTED ACCCESS TO THOSE WHO WERE GOING ONTO THE SITE, BUT TRUCKS GOING IN AND OUT WERE DELAYED UNTIL 11AM. THE WHEEL WASHER WS OPERATING SATISFACTORILY. TRACKOFF WAS NOT AN ISSUE. THE LINE OF TRUCKS TRYING GET INTO THE SITE WAS BLOCKING THE LAHONTAN COMMUNITY ENTRANCE ON SEVERAL OCCASIONS. I TOLD JASON HANSFORD TO GET FLAGGERS TO ORGANIZE THE TRAFFIC AND WARN TRAFFIC. JOY WORKED ON SUBGRADE ON SILLER RCH RD IN THE GATEHOUSE AREA. RESURVEYING AND RESTAKING OF THE 3 ROADS HAVE BEEN DONE SEVERAL TIMES, LEADING TO CONFUSING STAKES AND GRADES THAT DO NOT DRAIN THE ROAD PROPERLY. I BROUGHT IT THE ATTENTION OF TIM FROM GW SURVEY CREW. SOFT SPOTS WERE IDENTIFIED IN THE SUBGRADE AND REMOVED AND REPLACED WITH ROCK. JOY ALSO WORKED ON ROCK DITCHES. THE POND A OUTLET DITCH IS NOT FOLLOWING THE PLANS BUT IS BEING FILED FIT BY JOY ON DEVELOPERS DIRECTION. THEY FOUND THAT THEY HAD INCORRECTLY BUILT A PORTION OF THE DITCH AND REMOVED IT. SINCE THERE IS NO STAKING, I HAVE NO WAY OF COMPARING TO PLANS AND VERIFYING ITS ACCURACY. WEDDELL WORKED ON STORM DRAIN ON OLANA AND BELCOURT. WHEN RAIN STARTED AT 3PM MOST CREWS LEFT THE JOBSITE AT THE DIRECTION OF LAURIE CARPENTER, THE SWPPP CONSULTANT. BY THE END OF THE DAY MOST OF THE MUD HAD DRIED AND THE SITE WAS WORKABLE.

Prepared By: Gordon Richards
Construction Inspector

Reviewed By:
Resident Engineer/Supervisor

NOTICE

WHEN CORRECTIONS ARE COMPLETE, CALL FOR REINSPECTION. THE INSPECTOR MAY BE CONTACTED AT THE BUILDING DEPARTMENT, 565 WEST LAKE BLVD., TAHOE – PHONE (530) 581-6200, BETWEEN THE HOURS OF 8-9 A.M. OR 4-5 P.M. TAHOE OFFICE CONTINUOUS INSPECTION REQUEST LINE (530) 581-6205. TAHOE OFFICE FAX (530) 581-6204.

DATE 9/14/06 INSPECTOR SCOTT

INSPECTION TYPE ROUGH FRAME PERMIT # 120321

CORRECTIONS

X SAFETY GLAZING REQUIRED ALL HAZARDOUS LOCATIONS, 2406.4 IRC NEEDED @ STAIRWAY LANDING TWO LOCATIONS (N/ AND W)

X ADD DROP SOFFIT WITH 1/2" DRYWALL, ONE SIDE, PROPANE GAS FIRE PLACE

(3) GAS TANK NOT READY, CALL FOR REINSPECT 9/15/06

MISC. T111 REV. 11/00

NOTICE

WHEN CORRECTIONS ARE COMPLETE, CALL FOR REINSPECTION. THE INSPECTOR MAY BE CONTACTED AT THE BUILDING DEPARTMENT, 565 WEST LAKE BLVD., TAHOE – PHONE (530) 581-6200, BETWEEN THE HOURS OF 8-9 A.M. OR 4-5 P.M. TAHOE OFFICE CONTINUOUS INSPECTION REQUEST LINE (530) 581-6205. TAHOE OFFICE FAX (530) 581-6204.

DATE 10/20/06 INSPECTOR SCOTT

INSPECTION TYPE WINTERIZATION PERMIT # 120321

CORRECTIONS

(1) ALL MATERIALS TO BE STORED ON HARD PLOWABLE SURFACES

(2) CLEAN-UP ALL DEBRIS [redacted] PILES

(3) SPREAD 2-3" OF MULCH ON BARREN EARTH AREAS

(4) RESET STRAW WATTLES AT DOWNHILL SIDE OF DRIVEWAY

MISC. T111 REV. 11/00

Appendix 11

TRPA MOU's with Placer County

April 21, 2003

As best I can determine, there are four current MOU's governing development activity between TRPA and Placer County. The dates and content of these documents are as listed below:

MOU dated March 25, 1992

- Authorizes County review/permitting of new single-family residential and multi-family residential (up to four units) projects on vacant parcels, *in accordance with TRPA regulations.*
  - Excludes any applications requiring TRPA Governing Board approval, or TRPA Scenic Review.
  - Requires County to adhere to TRPA standards.
- Authorizes County collection of TRPA application fees, security deposits, and mitigation fees.
  - County authorized to retain a percentage of application fees, as mutually agreed.
  - Mitigation fees to be forwarded monthly to TRPA.
- Requires prior TRPA coverage and land capability verification.
- Requires County compliance inspections.
- Assigns authority and responsibility for enforcement of TRPA requirements to County.
  - Authorizes legal enforcement action by County, in consultation with TRPA.
- Authorizes County to release security deposits at project completion.

MOU dated February 7, 1995

- Expands 1992 MOU authority to include review/permitting of existing single- and multi-family residential expansions/modifications.
- Requires that all applications involving coverage or development rights transfers/banking, subdivisions, and lot-line adjustments be processed by TRPA.
- Expands enforcement authority and responsibility to include TRPA code violations involving *unpermitted* activities. Also requires County to notify TRPA, in writing, of violations, requires TRPA to approve settlements involving civil penalties, and requires referral of violations to TRPA that cannot be resolved at *Building Dept. staff* level.

MOU dated December 17, 1997

- Authorizes County review/permitting of signage projects, in accordance with TRPA regulations.
- Includes the same responsibilities for inspection and enforcement as prior MOU's.

MOU dated April 3, 2000

- Expands 1992 and 1997 MOU authority to include the following additional activities to be *reviewed, permitted and enforced* by County:
  - Multi-person Dwellings
  - Nursing and Personal Care Facilities
  - Residential Care Facilities
  - Minor Additions/Modifications to Tourist Accommodations
  - Existing Use/Structure Verifications
  - Coverage Transfers
  - Unit of Use Transfers
  - Allocation Transfers
  - Development Right Transfers
  - Banking
  - Temporary Activities
  - Temporary Uses
  - Temporary Structures
  - Site Assessments
  - Recreation
  - Public Service
- Excludes applications by the County, applications requiring TRPA Governing Board approval, projects requiring environmental documents beyond a Categorical Exemption, and any other application for which the County does not have jurisdiction.
- Establishes that the application fees shall be the normal TRPA fees, to be retained by County, plus a ten percent surcharge to be forwarded to TRPA. Includes a fee schedule attachment for the above-described activities.

Current Process:

Planning Dept. – Jack Edstrom performs pre-application matters, such as coverage determinations, use verifications, land capability, coverage transfers and banking. Once an application is submitted through Building Dept. , Planning reviews plans for compliance with TRPA and County requirements, such as coverage, zoning, height restrictions, setbacks, etc.

Environmental Health- Review applications for sewer, water and bear-proof garbage container requirements.

DPW- Reviews applications and plans for encroachment permit requirements, traffic fees, and will look to see that BMP's are included on the plans. If retaining walls requiring engineering are indicated, a grading permit will be required.

Building Dept.- Building Dept. accepts applications and collects application and review fees. They review structures and will verify compliance with TRPA submittal requirements, such as BMP calculations, coverage calculations, paved access/parking, vegetation protection measures, temporary construction BMP's, and revegetation plans. Based upon input from the other departments, two permits will be issued: a building permit and a TRPA permit. TRPA permits require security to insure BMP installation and revegetation. Building conducts a pre-grade inspection to insure that temporary BMP's are in place, and that vegetation protection measures are installed. While on site for building inspections, they will look for continuing compliance with BMP requirements, but pay little attention to grading activity beyond the building footprint. Both permits will be finaled, based upon inspections and input from other departments. TRPA security is released when site work is completed and BMP's are in place. Building Dept. monitors fees, and sends the appropriate portion to TRPA, and they also report to TRPA on security releases so that TRPA can issue a Certificate of Completion to the permittee.

Procedural Gaps:

TRPA has expressed concerns about Placer County's lack of attention to grading review and monitoring, BMP compliance, and enforcement of applicable TRPA regulations (Code of Ordinances). An internal County staff review of the permitting and inspection processes revealed the following deficiencies:

Driveways- TRPA has specific standards for driveway width, surfacing, slope and BMP's. These are partially addressed by Building Dept.'s review of paving, parking, and BMP's, but their review is generally limited to verifying that such features are shown, and that calculations for BMP's are provided. TRPA has an expectation that calculations are being validated, and that all standards and practices defined in their code are complied with. Note: there are some differences between TRPA standards and County standards that routinely conflict, i.e., number of driveway connections, location of parking.

Grading- Grading review/permitting for the types of projects covered by the MOU, have been exempted from the County's Grading Ordinance as, historically, TRPA performed this function. This changed with the MOU, and this is now a County responsibility. With the exception of DPW's review of retaining walls, a cursory review of temporary BMP's, and Building Dept.'s site inspections, grading has largely been ignored unless significant violations were noted. Violations have routinely been referred to TRPA. Grading review/inspection need to be much more comprehensive if we are to meet TRPA expectations. Their regulations regarding groundwater issues, grading practices, BMP installation and maintenance, vegetation removal/protection/reestablishment, geotechnical investigations, material disposition, scheduling, and dust/drainage control are more involved than County requirements. This is an area where more thorough plan review and regular field inspection will be necessary to avoid compliance problems.

BMP's- TRPA requires that temporary and permanent BMP's be part of every project, and that they be designed, installed and maintained as per their "Handbook of Best Management Practices". The County's review of BMP's has been limited to verifying that the plans contain such features (they may not be the appropriate BMP's, or they may not be sized properly), and that the calculation sheet is included. In the field, Building Dept. staff verify that temporary BMP's are installed and maintained, and permanent BMP's are installed before releasing securities. There are numerous aspects of our current practice in this area that concern TRPA.

Enforcement- TRPA staff seemed particularly concerned about the County's role in enforcement of their regulations, as related to the activities permitted under the MOU. The County's role has been limited to enforcement of County rules and compliance with County permits. The MOU says that the County "shall have the authority and *responsibility* to take any and all administrative steps to enforce the standards of the TRPA Code as authorized by this MOU, *including* the processing of Code violations involving *unpermitted* activities" (emphasis added). However, this same section goes on to say that violations which "cannot be resolved at the staff level" will be referred to TRPA for their formal notice of violation procedure. The County does not actively seek out violations nor perform regular compliance inspections; violations of County and TRPA rules are generally handled on a complaint basis.

DPW's Possible Expanded Role:

DPW could assist in addressing the deficiencies described above by invoking a more comprehensive review of building plans. Driveway, grading, drainage, BMP, and vegetation issues could be examined for conformance to TRPA requirements. We could also perform regular compliance inspections during the active construction phase of the projects. If we do get involved with field inspection, I recommend that we take responsibility for all of the BMP inspections, including pre-grade and final approvals. However, because this effort is substantially greater that that being performed now, we will *need at least one more full-time person dedicated to this task.* It should also be noted that the demand for this work peaks at the same time as our other peak construction and development demand, therefore, current staff could not take on this additional responsibility. I'm also unsure where we might place another person in the West Shore office without additional space. As for increased enforcement, I suggest that we seek a modification to the MOU's that would limit our enforcement role to compliance with the permitting that we perform under the MOU, and nothing beyond. Either that, or Planning's Code Enforcement Division should expand to take on the additional responsibility of chasing after unpermitted TRPA Code violations.

I understand that the number of applications subject to the MOU process is around 600-800 per year. I don't know how many include grading and BMP compliance matters; I was unable to get that information. The MOU authorizes the County to collect TRPA fees, which are higher than those that we would normally collect for the types of projects covered. We should look carefully at the fees authorized and the needs of each Department based upon the expected TRPA role, to see how meeting those expectations can be met.

MEMORANDUM OF UNDERSTANDING
BETWEEN TAHOE REGIONAL PLANNING AGENCY AND
THE COUNTY OF PLACER

March 1992

This Memorandum of Understanding is entered into this 25th day of March, 1992, by and between the TAHOE REGIONAL PLANNING AGENCY (TRPA), through its Executive Director as authorized by the Governing Board, and the COUNTY OF PLACER (COUNTY), by and through its Chairman of the Board of Supervisors, as authorized by the Board of Supervisors.

All activities described in this Memorandum of Understanding (MOU) shall be in accordance with the Regional Plan package of TRPA as adopted by Ordinance No. 87-9, as amended from time to time. All activities undertaken by COUNTY pursuant to the MOU shall comply with applicable Best Management Practices (BMPs), and all provisions of the TRPA Code of Ordinances (Code), as it may be amended from time to time, except for the procedural provisions replaced by this MOU, and such guidelines as may be adopted by TRPA.

This MOU sets forth the responsibilities of the parties with regard to the processing of permits for new construction of single or multiple-family residential structures not exceeding four units, in accordance with the desire of the parties to provide a regulatory structure which is consistent with the most efficient possible use of public resources.

RECITALS

A. TRPA is required by the Tahoe Regional Planning Compact (P.L. 96-551, 94 Stat. 3233, Cal. Govt. Code 66801; NRS 277.200) to regulate activities within the Tahoe Basin which may have a substantial effect on the natural resources of the Basin. The bistate Compact, Article VI(a) requires TRPA to define which activities are exempt from TRPA review and approval.

B. Given the existing comprehensive regulatory structure of COUNTY as it pertains to construction of new residential structures within the County of Placer, and consistent with the mandate of the Compact to defer land use regulation to local government wherever feasible, COUNTY and TRPA agree that COUNTY shall review construction of new single and multiple-family structures (four units or less) to be constructed within the COUNTY limits of Placer County. Such review by the COUNTY shall include application of all applicable TRPA regulations, including specifically the residential allocation limits, to new residential construction projects otherwise subject to TRPA review. As long as the applicable TRPA regulations are being complied with and enforced, such activities shall be deemed a qualified exempt activity under TRPA regulations.

IT IS NOW THEREFORE UNDERSTOOD AND AGREED BY THE PARTIES:

1. With the exception of those applications requiring TRPA Governing Board approval (Chapter 4, Appendix A) or TRPA scenic review (Chapter 30), all applications for new construction of single and multiple-family residential structures (four units or less) located on vacant parcels within the COUNTY limits are hereby exempt under Chapter 4 of the TRPA Code and shall be reviewed by COUNTY.

2. COUNTY shall administer, in accordance with the provisions of this agreement, all standards of the TRPA Code as applicable to construction of new residential projects, as authorized by this MOU.

COUNTY shall utilize the TRPA Project Review Conformance Checklist in its review of projects, as authorized by this MOU. A copy of said checklist is attached hereto and incorporated herein as if fully set forth.

COUNTY shall coordinate with TRPA to determine whether there have been any previous TRPA actions with regard to the subject parcels and the effect of any such action on the pending applications.

3. COUNTY shall be authorized to collect application and mitigation fees, security deposits, and other designated fees on behalf of TRPA in accordance with fee schedules to be provided to COUNTY by TRPA. Such fee schedules shall be sufficient in detail to provide specific information concerning fee calculation to assist COUNTY in performing fee collection activities. Furthermore, COUNTY shall be authorized to retain a percentage of all application fees collected to offset COUNTY's costs of administering the provisions of this MOU. Such percentage shall be mutually agreed upon in writing by TRPA and COUNTY, and may be amended from time to time by mutual agreement of the Executive Director and the Chairman of the Board of Supervisors.

All mitigation fees collected by COUNTY on behalf of TRPA pursuant to this MOU shall be paid to TRPA on a monthly basis under procedures mutually agreed upon by the finance officers of the parties hereto.

4. Prior to COUNTY receiving any applications for review or permit issuance for stuctures as authorized by this MOU, the property owner/applicant shall secure from TRPA an IPES score and coverage verification for all new single-family residential projects or a Bailey land capability verification for construction of any new multiple-family residential projects. Such verifications shall be obtained in written form from TRPA to be submitted to COUNTY by the applicant.

5. Nothing in this MOU shall be construed to limit the authority of COUNTY to administer state or local regulations or to impose reasonable conditions of approval on any application. Further, nothing in this MOU shall be deemed to limit the land use regulatory powers of either COUNTY or TRPA.

6. The COUNTY and TRPA staff shall review quarterly the implementation of this MOU and shall report to their respective governing boards following such reviews.

7. In carrying out the intent of this MOU, COUNTY and TRPA shall adhere to all provisions contained within TRPA Code Chapter 38 relating to accounting and tracking of coverage, allocations, and any other applicable procedures. All project accounting and tracking shall be completed by COUNTY and transmitted to TRPA to be included in its permanent accounting and tracking records. In carrying out the provisions of this MOU, COUNTY shall utilize tracking forms provided by TRPA to record all inspections, verifications, and other project review activities. COUNTY shall submit completed tracking forms to TRPA on a monthly basis.

8. COUNTY shall perform compliance inspections to ensure that the residential projects permitted under this MOU are constructed in accordance with the plans previously submitted and approved.

COUNTY shall have authority and responsibility to take any and all administrative steps to enforce the standards of the TRPA Code as authorized by this MOU.

In the event litigation is necessary to enforce provisions of the TRPA Code, COUNTY shall contact TRPA legal counsel. If a show cause hearing is required, the COUNTY is authorized to institute legal action.

Upon final inspection, if the project has been constructed in accordance with the permit, COUNTY shall be authorized to release the security deposit to the porject applicant.

In the event an applicant desires to appeal any administrative action or decision on the part of COUNTY, such appeal shall be to TRPA.

9. Any exempt activity set forth herein shall be considered a project requiring TRPA review if the Executive Director determines that, because of unusual circumstances or failure to comply with this MOU, the activity may have a substantial effect on the land, air, water, space, or any other natural resource of the region.

10. This MOU shall continue until sixy (60) days' written notice of termination is given by either party. Both parties hereby agree to cooperate in good faith to carry out the provisions of this MOU to achieve the objectives set forth in the Recitals herein.

11. None of the duties set forth in this MOU shall be assigned, transferred, or subcontracted by COUNTY without the prior written approval of TRPA.

COUNTY OF PLACER

Dated: 4-7-92

Mike Fluty
Chairman of the Board

TAHOE REGIONAL PLANNING AGENCY

Dated: 4-2-92

David S. Ziegler
Executive Director

10024

Amended 2-22-95,
Appendix R

RECEIVED

MAR 13 1995

BLDG. DEPT.

APPENDIX R

MEMORANDUM OF UNDERSTANDING
BETWEEN TAHOE REGIONAL PLANNING AGENCY AND
PLACER COUNTY

February 1995

This Memorandum of Understanding is entered into this 7th day of February 1995, by and between the TAHOE REGIONAL PLANNING AGENCY (TRPA), through its Executive Director as authorized by the Governing Board, and PLACER COUNTY (COUNTY), by and through its Chairman of the Board of Supervisors, as authorized by the Board of Supervisors.

All activities described in this Memorandum of Understanding (MOU) shall be in accordance with the Regional Plan package of TRPA as adopted by Ordinance No. 87-9, as amended from time to time. All activities undertaken by COUNTY pursuant to the MOU shall comply with applicable Best Management Practices (BMPs), and all provisions of the TRPA Code of Ordinances (Code), as it may be amended from time to time, except for the procedural provisions replaced by this MOU, and such guidelines as may be adopted by TRPA.

This MOU sets forth the responsibilities of the parties with regard to the processing of permits for new construction of single or multiple-family residential structures (four units or less), and additions/modifications of existing residential structures, in accordance with the desire of the parties to provide a regulatory structure which is consistent with the most efficient possible use of public resources.

RECITALS

A. TRPA is required by the Tahoe Regional Planning Compact (P.L. 96-551, 94 Stat. 3233, Cal. Govt. Code 66801; NRS 277.200) to regulate activities within the Tahoe Basin which may have a substantial effect on the natural resources of the Basin. The bistate Compact, Article VI(a) requires TRPA to define which activities are exempt from TRPA review and approval.

B. Given the existing comprehensive regulatory structure of COUNTY as it pertains to construction of residential structures within the County of Placer, and consistent with the mandate of the Compact to defer land use regulation to local government wherever feasible, COUNTY and TRPA agree that COUNTY shall review construction of new single and multiple-family structures (four units or less), and additions/modifications to existing single and multiple-family structures to be constructed within the COUNTY limits of Placer County. Such review by COUNTY shall include application of all applicable TRPA regulations to residential construction projects otherwise subject to TRPA review. As long as the applicable TRPA regulations are being complied with and enforced, such activities shall be deemed a qualified exempt activity under TRPA regulations.

IT IS NOW THEREFORE UNDERSTOOD AND AGREED BY THE PARTIES:

1. With the exception of those applications requiring TRPA Governing Board approval (Chapter 4, Appendix A) , all applications for residential additions/ modifications and new construction of single and multiple-family residential structures (four units or less), including Qualified Exempt residential activities, located within the County limits are hereby exempt under Chapter 4 of the TRPA Code and shall be reviewed by COUNTY.

2. COUNTY shall administer, in accordance with the provisions of this agreement, all standards of the TRPA Code as applicable to construction of residential projects, as authorized by this MOU.

COUNTY shall utilize the TRPA Project Review Conformance Checklist and Procedural Guidelines in its review of projects, as authorized by this MOU.

All applications for coverage and/or development right transfers/banking and subdivisions, including lot line adjustments, shall continue to be reviewed and approved by TRPA.

3. COUNTY shall be authorized to collect application and mitigation fees, security deposits, and other designated fees on behalf of TRPA in accordance with fee schedules to be provided to COUNTY by TRPA. Such fee schedules shall be sufficient in detail to provide specific information concerning fee calculation to assist COUNTY in performing fee collection activities. Furthermore, COUNTY shall be authorized to retain a percentage of all application fees collected to offset COUNTY's costs of administering the provisions of this MOU. Such percentage shall be mutually agreed upon in writing by TRPA and COUNTY, and may be amended from time to time by mutual agreement of the TRPA Executive Director and the Chairman of the Board of Supervisors.

All mitigation fees collected by COUNTY on behalf of TRPA pursuant to this MOU shall be paid to TRPA on a monthly basis under procedures mutually agreed upon by the finance officers of the parties hereto.

4. Prior to COUNTY receiving any applications for new single-family residential projects as authorized by this MOU, the property owner/applicant shall secure from TRPA an IPES score and allowable coverage verification. Said verification shall be obtained in written form from TRPA to be submitted to COUNTY by the applicant. Prior to COUNTY receiving any applications for projects involving additions or modifications to existing single-family or multiple-family residential structures, or new multiple-family residential structures (four units or less), TRPA will conduct a site assessment of the subject site to verify the Bailey land capability classification, existing coverage, prior TRPA actions affecting the subject parcel, and/or BMP and scenic review requirements.

5. Nothing in this MOU shall be construed to limit the authority of COUNTY to administer state or local regulations or to impose reasonable conditions of approval on any application. Further, nothing in this MOU shall be deemed to limit the land use regulatory powers of either COUNTY or TRPA.

6. The COUNTY staff and TRPA staff shall review quarterly the implementation of this MOU and shall report to their respective governing boards on the results of such review.

7. In carrying out the intent of this MOU, COUNTY and TRPA shall adhere to all provisions contained within TRPA Code Chapter 38 relating to accounting and tracking of coverage, allocations, and any other applicable procedures. All project accounting and tracking shall be completed by COUNTY and transmitted to TRPA to be included in its permanent accounting and tracking records. In carrying out the provisions of this MOU, COUNTY shall utilize tracking forms provided by TRPA to record all inspections, verifications, and other project review activities. COUNTY shall submit completed tracking forms to TRPA on a monthly basis.

8. COUNTY shall perform compliance inspections to ensure that the residential projects and Qualified Exempt activities permitted under this MOU are constructed in accordance with the plans previously submitted and approved.

COUNTY shall have authority and responsibility to take any and all administrative steps to enforce the standards of the TRPA Code as authorized by this MOU, including the processing of Code violations involving unpermitted residential activities. Upon discovery of a TRPA Code violation, COUNTY shall immediately notify the TRPA Environmental Compliance Division in writing to coordinate compliance procedures. Settlements of TRPA Code violations involving civil penalties must be approved by TRPA. If a TRPA Code violation cannot be resolved at the County Building Department staff level, COUNTY shall contact TRPA to institute TRPA's formal notice of violation procedure.

Upon final inspection, if the project has been constructed in accordance with the permit, COUNTY shall be authorized to release the security deposit to the project applicant.

In the event an applicant desires to appeal any administrative action or decision on the part of COUNTY dealing with TRPA regulations, such appeal shall be to TRPA.

9. Any exempt activity set forth herein shall be considered a project requiring TRPA review if the TRPA Executive Director determines that, because of unusual circumstances or failure to comply with this MOU, the activity may have a substantial effect on the land, air, water, space, or any other natural resource of the region.

10. This MOU shall continue until sixty (60) days' written notice of termination is given by either party. Both parties hereby agree to cooperate in good faith to carry out the provisions of this MOU to achieve the objectives set forth in the Recitals herein.

11. None of the duties set forth in this MOU shall be assigned, transferred, or subcontracted by COUNTY without the prior written approval of TRPA.

PLACER COUNTY

Dated: 2-7-95

Ron Lichau, Chairman
Placer County Board of Supervisors

TAHOE REGIONAL PLANNING AGENCY

Dated: 2-27-95

James W. Baetge
Executive Director

APPENDIX DD

MEMORANDUM OF UNDERSTANDING BETWEEN TAHOE REGIONAL PLANNING AGENCY AND THE COUNTY OF PLACER DECEMBER 1997

This Memorandum of Understanding is entered into this 17th day of December, 1997 by and between the TAHOE REGIONAL PLANNING AGENCY (TRPA) through its Executive Director as authorized by the Governing Board, and the COUNTY OF PLACER (COUNTY), by and through its Board of Supervisors.

All activities described in this Memorandum of Understanding (MOU) shall be in accordance with the Regional Plan package of TRPA as adopted by Ordinance No. 94-22, as amended from time to time. All activities undertaken by the COUNTY pursuant to the MOU shall comply with all provisions of the TRPA Code of Ordinances (Code), as it may be amended from time to time, except for the procedural provisions replaced by this MOU, and such guidelines as may be adopted by TRPA.

This MOU sets forth the responsibilities of the parties with regard to the regulation of signage and related activities, in accordance with the desire of the parties to provide a regulatory structure which is consistent with the most efficient possible use of public resources.

RECITALS

A. TRPA is required by the Tahoe Regional Planning Compact (P.L. 96-551, 94 Stat. 3233, Cal. Govt. Code 66801; NRS 277.200) to regulate activities within the Tahoe Basin which may have a substantial effect on the natural resources of the Basin. The bi-state Compact, Article VI(a) required TRPA to define which activities are exempt from TRPA review and approval.

B. Given the existing comprehensive regulatory structure of the COUNTY as it pertains to the installation of signs within the Placer County portion of the Tahoe Region (hereafter referred to as "Placer County,") and consistent with the mandate of the Compact to defer land use regulation to local government wherever feasible, the COUNTY and TRPA agree that the COUNTY shall review signage and related activities within Placer County boundaries. Such review by the COUNTY shall include application of all applicable TRPA regulations to signage projects otherwise subjected to TRPA review. As long as the applicable TRPA regulations are being complied with and enforced, such activities shall be deemed an exempt activity under TRPA regulations.

IT IS NOW THEREFORE UNDERSTOOD AND AGREED BY THE PARTIES:

1. Effective December 17, 1997, signage reviewed and approved by the COUNTY, consistent with Chapter 26 of the Code as amended by Chapter 18 of Placer County Design Standards and Guidelines, shall be exempt from TRPA review except as set forth in paragraphs 2 and 3 below. All applications for signage and related activities will be reviewed by the COUNTY through its normal and customary review process, including the review and recommendations of the local Design Review Committee, and final action by COUNTY staff (Design/Site Review Committee [D/SRC]), except for signs or other activities exempt by statute from COUNTY review, in which case TRPA shall review said signs. In the event the COUNTY is not able to determine whether or not an application is to be reviewed by the COUNTY or TRPA, the COUNTY shall consult TRPA consistent with provisions established for that purpose by the County Manager or his designee and the Executive Director or his designee.

2. Amortization of signs pursuant to the Chapter 26 schedule will be the sole responsibility of TRPA to administer and enforce in accordance with the provisions of Chapter 26.

3. The COUNTY and TRPA shall jointly review all proposed sign projects involving exemption or exceptions from any provision of the Sign Ordinance, or involving any additional or relocation of land coverage. These projects shall be subject to the procedures established for joint review of such applications by the Placer County Manager or his designee and the Executive Director or his designee.

4. The COUNTY and TRPA staff shall review semi-annually the implementation of this MOU and shall report annually to their respective governing boards.

5. The COUNTY shall perform compliance inspections to ensure that the sign and project activities permitted under this MOU are constructed in accordance with the plans previously submitted and approved.

   The COUNTY shall have authority and responsibility to take any and all administrative steps to enforce the standards of the adopted ordinances as authorized by this MOU, including the processing of Code violations involving unpermitted sign activities.

   In the event litigation is necessary to enforce provisions of the TRPA Code, the COUNTY shall contact TRPA Legal Counsel. If a show cause hearing is required, the COUNTY is authorized to institute legal action.

   In the event an applicant desires to appeal any administrative action or decision on the part of the COUNTY, acting on behalf of TRPA, such appeal shall be to TRPA.

6. Any exempt activity set forth herein shall be considered a project requiring TRPA review if the Executive Director of TRPA determines that, because of unusual circumstances or failure to comply with the MOU, the activity may have a substantial effect on the land, air, water, space, or any other natural resource of the Region.

7. This MOU shall continue until sixty (60) days' written notice of termination is given by either party. Both parties hereby agree to cooperate in good faith to carry out the provisions of this MOU to achieve the objectives set forth in the Recitals herein.

8. None of the duties set forth in this MOU shall be assigned, transferred, or subcontracted by the COUNTY without the prior written approval of TRPA.

9. None of this MOU shall be construed to limit the authority of the COUNTY to administer state or local regulations, or to impose reasonable conditions of approval on any application. Further, nothing in this MOU shall be deemed to limit the regulatory powers of either the COUNTY or TRPA.

10. In carrying out the intent of this MOU, the COUNTY and TRPA shall adhere to all provisions contained within TRPA Code Chapter 38 relating to accounting and tracking of coverage and any other applicable procedures. All project accounting and tracking shall be completed by the COUNTY and transmitted to TRPA to be included in its permanent accounting and tracking records. In carrying out the provisions of this MOU, the COUNTY shall utilize tracking forms provided by TRPA to record all inspections, verifications, and other project review activities. The COUNTY shall submit completed tracking forms to TRPA on a monthly basis.

COUNTY OF PLACER

Dated: _____

_____
Chairman, Board of Supervisors

TAHOE REGIONAL PLANNING AGENCY

Dated: 1-5-98

James W. Baetge
James W. Baetge, Executive Director

11111

Attachment A
April 3, 2000

APPENDIX LL

MEMORANDUM OF UNDERSTANDING BETWEEN
TAHOE REGIONAL PLANNING AGENCY AND
THE COUNTY OF PLACER

This Memorandum of Understanding is entered into this _____ day of _____, 2000, by and between the TAHOE REGIONAL PLANNING AGENCY (TRPA), through its Executive Director as authorized by the Governing Board, and the COUNTY OF PLACER (COUNTY), by and through its Chairman of the Board of Supervisors, as authorized by the Board of Supervisors.

All activities described in this Memorandum of Understanding (MOU) shall be in accordance with the Regional Plan package of TRPA as adopted by Ordinance No. 87-9, as amended from time to time. All activities undertaken by COUNTY pursuant to the MOU shall comply with applicable Best Management Practices (BMPs), and all provisions of the TRPA Code of Ordinances (Code), as it may be amended from time to time, except for the procedural provisions replaced by this MOU, and such guidelines as may be adopted by TRPA.

RECITALS

A. TRPA is required by the Tahoe Regional Planning Compact (P.L. 96-551, 94 Stat. 3233, Cal Govt. Code 66801; NRS 277.200) to regulate activities within the Tahoe Basin which may have a substantial effect on the natural resources of the Basin. The bistate Compact, Article VI(a) requires TRPA to define which activities are exempt from TRPA review and approval.

B. Given the existing comprehensive regulatory structure of COUNTY as it pertains to review of projects, within the County of Placer and consistent with the mandate of the Compact to defer land use regulation to local government wherever feasible, COUNTY and TRPA agree that COUNTY shall review those activities listed under 12 of this MOU to be undertaken within the COUNTY limits of Placer County. Such review by the COUNTY shall include application of all applicable TRPA regulations to such activities otherwise subject to TRPA review. As long as the applicable TRPA regulations are being complied with and enforced, such activities shall be deemed a qualified exempt activity under TRPA regulations.

IT IS NOW THEREFORE UNDERSTOOD AND AGREED BY THE PARTIES:

1. With the exception of those applications requiring TRPA Governing Board or Hearings Officer approval (Chapter 4, Appendix A), all applications for those activities listed under 12 of this MOU located within the COUNTY limits are hereby exempt under Chapter 4 of the TRPA Code and shall be reviewed by COUNTY.

2. COUNTY shall administer, in accordance with the provisions of this agreement, all standards of the TRPA Code as applicable to the activities as authorized by this MOU.

   COUNTY shall utilize the TRPA Project Review Conformance Checklist and Procedural Guidelines in its review of projects, as authorized by this MOU.

   COUNTY shall coordinate with TRPA to determine whether there have been any previous TRPA actions with regard to the subject parcels and the effect of any such action on the pending applications.

3. COUNTY shall be authorized to collect application and mitigation fees, security deposits, and other designated fees on behalf of TRPA in accordance with fee schedules to be provided to COUNTY by TRPA. Such fee schedules shall be sufficient in detail to provide specific information concerning fee calculations to assist COUNTY in performing fee collection activities. Furthermore, COUNTY shall be authorized to retain a percentage of all application fees collected to offset COUNTY's costs of administering the provisions of this MOU. percentage shall be mutually agreed. Such percentage shall be the original fee established by TRPA, which will go to the COUNTY, with a ten percent surcharge to cover administrative and monitoring costs to TRPA. This fee schedule may be amended from time to time by mutual agreement of the Executive Director and the County Executive Officer.
   All mitigation fees collected by COUNTY on behalf of TRPA pursuant to this MOU shall be paid to TRPA on a monthly basis under procedures mutually agree upon by the finance officers of the parties hereto.

4. The existing MOUs between the COUNTY and TRPA shall remain in full force and effect.

5. Nothing in this MOU shall be construed to limit the authority of COUNTY to administer state or local regulations or to impose reasonable conditions of approval on any application. Further, nothing in this MOU shall be deemed to limit the land use regulatory powers of either COUNTY or TRPA.

6. The COUNTY and TRPA staff shall review quarterly the implementation of this MOU and shall report to their respective governing boards following such reviews.

7. In carrying out the intent of this MOU, COUNTY and TRPA shall adhere to all provisions contained within TRPA Code Chapter 38 relating to accounting and tracking of coverage, allocations, and any other applicable procedures. All project accounting and tracking shall be completed by COUNTY and transmitted to TRPA to be included in its permanent accounting and tracking records. In carrying out the provisions of this MOU, COUNTY shall utilize tracking forms provided by TRPA to record all inspections, verifications, and other project review activities. COUNTY shall submit completed tracking forms to TRPA on a monthly basis.

8. COUNTY shall perform compliance inspections to ensure that the projects and activities permitted under this MOU are constructed in accordance with the plans previously submitted and approved.

COUNTY shall have authority and responsibility to take any and all administrative steps to enforce the standards of the TRPA Code as authorized by this MOU, including the processing of Code violations involving unpermitted activities. Settlements of violations involving civil penalties must be approved by TRPA. If a violation cannot be resolved at the staff level, COUNTY shall contact TRPA to institute the formal notice of violation procedure.

9. Any activity set forth herein shall be considered a project requiring TRPA review if the Executive Director determines that, because of unusual circumstances or failure to comply with this MOU, the activity may have a substantial effect on the land, air, water, space, or any other natural resource of the region.

10. This MOU shall continue until sixty (60) days written notice of termination is given by either party. Both parties hereby agree to cooperate in good faith to carry out the provisions of this MOU to achieve the objectives set forth in the Recitals herein.

11. None of the duties set forth in this MOU shall be assigned, transferred, or subcontracted by COUNTY without the prior written approval of TRPA.

12. Activities to be reviewed, permitted and enforced by the COUNTY :

    a. Multi-person Dwellings (new, additions/modifications)
    b. Nursing and Personal Care facilities (new, additions/modifications)
    c. Residential Care facilities (new, additions/modifications)
    d. Minor Additions/Modifications to Tourist Accommodation Uses
    e. Existing Use/Structure Verifications
    f. Coverage Transfers
    g. Unit of Use Transfers
    h. Allocation Transfers
    i. Development Right Transfers
    j Banking (coverage, units of use, residential development rights)
    k. Temporary Activities
    l. Temporary Uses
    m. Temporary Structures
    n. Site Assessments
    o. Recreation (new, additions/modifications)
    p. Public Service (new, additions/modifications)

Note: Placer County shall not process any application in which the County is the applicant or where there exists a conflict of interest. Review by the County would be limited to only those projects identified in Chapter 4, Appendix A of the TRPA Code as staff level review. Any of the activities listed in Chapter 4, Appendix A as Hearings Officer or Governing Board level would be retained by the TRPA. Any project listed in the categories above requiring a higher level of environmental documentation than Categorical Exempt as defined under the California Environmental Quality Act (CEQA) shall automatically require TRPA review and approval. For those applications in which Placer County does not have jurisdiction (i.e., Federal, State and Schools), the application shall require TRPA review and approval

Attachment A
April 3, 2000

COUNTY OF PLACER

Dated: 4-4-00

Chairman of the Board

TAHOE REGIONAL PLANNING AGENCY

Dated: 4-28-00

Jerry Wells
Acting Executive Director

Appendix 12

Building Department Stormwater Inspection Form Instructions

Instructions:

- Use this form as a reminder of the inspection points during building site stormwater inspections.
- If deficiencies are noted (shaded boxes checked), describe the deficiency in the "Description and Comments" column. Submit a copy to the Chief Building Official immediately after completion. Once reviewed, the Chief Building Official will forward to the Stormwater Coordinator for recordkeeping and consideration of further action (if recommended).
- If no deficiencies are noted, the inspection must be recorded (to the effect of 'the stormwater inspection OK') in your daily diary (or similar daily work log) so we can retrieve the information if needed.
- Inspectors are responsible for issuing verbal and written warnings and stop work notices. The inspector may also make a recommendation to the Chief Building Official and Stormwater Coordinator for a follow-up inspection or that a citation be issued, or for urgency abatement. See below for description of enforcement options.
- Call the Stormwater Quality Program Coordinator, Mary Keller at 745-7503 or Jeff Walling at 745-7567 if you have questions about the stormwater program, appropriate enforcement action, or use of this form.

Enforcement Options for Stormwater Inspectors:

These enforcement processes may or may not be used sequentially, depending upon the severity of the violation.

- Verbal warning The inspector is responsible for providing verbal warnings to educate people that their practices may be contributing to stormwater pollution. Verbal warnings may be provided through discussion with owner, tenant, or contractor, or through providing educational materials. Verbal warning authority comes from the stormwater ordinance.
- Written warning The inspector is responsible for issuing written warnings, although the inspector may ask for assistance in determining if a written warning is appropriate. Written warnings are issued when verbal warnings are ineffective, or if a situation is serious enough to need prompt attention. A written warning is the first step in the formal enforcement process, requires specific additional information, and will result in a citation if the circumstances are not corrected within the timeframe specified in the warning. Written warning authority comes from the stormwater ordinance.
- Stop work notice The inspector may issue a stop work notice to cease operations that are actively polluting. Stop work notice authority comes from the grading ordinance.
- Citation recommendation In the event that verbal and/or written warning(s) do not achieve compliance, or in the event that a violation appears particularly bad, the inspector may make a recommendation to the Stormwater Coordinator and Chief Building Official that a citation be issued. This will result in further evaluation of the circumstances by the Stormwater Coordinator, Code Enforcement personnel, and possibly others. A citation may result in a fine and/or corrective action. Citation authority comes from the stormwater and zoning ordinances.
- Urgency abatement In the event that the inspector observes a serious active pollution condition and the responsible party cannot be located, a recommendation for 'urgency abatement' may be made to the Chief Building Official and Stormwater Coordinator. The urgency abatement process is similar to the nuisance abatement process, but with accelerated timeframes. Urgency abatement authority comes from the stormwater ordinance.

County of Placer

Building Department Stormwater Inspection Form

Project Information	Inspection Information
Permit #:	Date:
Owner's Name:	Time: AM / PM
Contractor's Name:	Inspector:
Address of Building Site:	Weather Conditions (Circle choice): ☐ Sunny ☐ Overcast ☐ Raining

☐First Notice ☐Second Notice ☐Third or More Notice

Project Specifications (Circle all that apply):
☐ Large site (> 1 acre) ☐ Greater than Moderate slopes ☐ Close to a watercourse ☐ History of non-compliance

Inspection Checklist

Inspection Points	Yes	No	N / A	Description and Comments
Is there evidence of sediment or muddy water running off from the site?	☐	☐	☐	
Is there a potential for contaminated runoff in the event of rainfall? (e.g. vehicle fuel or fluid leaks, material spills, paint waste, unprotected stockpiles, etc.?)	☐	☐	☐	
Is a rocked construction access installed and maintained, and no mud, debris, trash on public roads?	☐	☐	☐	
Are erosion controls (mulching, seeding, blankets, etc.) and perimeter controls (wattles, silt fences, etc.) properly installed and maintained?	☐	☐	☐	
Are construction materials properly stored (covered when not in use, out of the right-of-way, secondary containment provided if needed, excess disposed of properly and off the ground, etc.)?	☐	☐	☐	
Are dust control measures being effectively applied?	☐	☐	☐	
Is a concrete/stucco washout containment area provided and used?	☐	☐	☐	
Are dumpsters covered or tarped, cleaned-up and emptied regularly to keep the site free from trash?	☐	☐	☐	
Site housekeeping acceptable?	☐	☐	☐	
Are portable toilets out of the street and away from drainage paths, so that liquid cannot enter the storm drain system if knocked over?	☐	☐	☐	
Are all operational storm drain inlets effectively protected from sediment inflow?	☐	☐	☐	
If site has disturbed more than an acre, is there a State Permit Number and a SWPPP available on site?	☐	☐	☐	

Inspection OK ☐ (no shaded boxes checked, no action taken)
Inspection not OK ☐ (shaded box(es) checked, describe action taken)

ACTION TAKEN:

Verbal warning Informed owner/builder of potential stormwater pollution violation and BMPs: Yes ☐ No☐
Written warning Gave owner/builder copy of Inspection Form: Yes ☐ No☐
Written warning Gave owner/builder stormwater pollution violation letter: Yes ☐ No☐
Stop work notice Issued a stop work notice to cease project: Yes ☐ No☐

Other:_____

_____

Is further action recommended?

Follow-up Inspection ☐ Urgency abatement ☐ Issue citation ☐ Other Neighborhood Issues ☐

Other:

_____

Explanation:

_____

Inspector signature _____ Date _____ Phone _____

White Copy to DPW Stormwater Yellow Copy to Inspector File Pink Copy to Owner/Contractor

Appendix 13

Placer County California

Search

I need information on.. | Departments

Residents | Business | Visitors | Online Services | Board of Supervisors | Emergency | County Government

Home > Public Works > Stormwater Quality Management

- Residents
- Businesses/ Industrial
- Contact Us
- Construction
- Resources
- About Us
- Public Involvement
- Events/Training

Placer County Stormwater Quality Program

Stormwater Management Plans

West Placer Stormwater Management Plan June 29, 2004 Requires Adobe Acrobat Reader to view and print	
Tahoe Basin Stormwater Management Plan July 15, 2006 Requires Adobe Acrobat Reader to view and print	

Quick

- Contact Us
- Report Violation
- Grading Ordinance
- Stormwater Quality Ordinance

Appendix 14

Common practices for containing and collecting wastewater include:

- vacuum pumps
- booms/berms
- portable containment areas
- holding tanks
- hoses
- oil/water separators
- inflatable plumbers' plugs
- weighted storm drain covers
- portable sump pumps
- absorbents, and more.

For More Information on Sanitary Sewer Requirements Contact Your Local Wastewater Authority:

Placer County Special Districts
(530) 886-4905

City of Auburn
(530) 889-0624

City of Lincoln
(916) 645-8576

Town of Loomis
(916) 786-8212

City of Rocklin
(916) 786-8212

City of Roseville
(916) 774-5750

Phone: (530) 889-7500

Email: stormwater@placer.ca.gov

Or visit us on the web at

http://www.placer.ca.gov/works/strmwtrmgt/strmwtr.htm

Household Hazardous Waste Disposal and Recycling Information

(916) 645-5230, ext. 1010

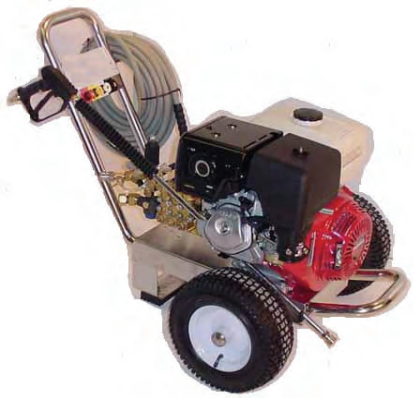
or

http://www.placer.ca.gov/hhs/hhs-sub/hazmat/waste.htm

Placer County Stormwater Quality Program

Best Management Practices for

Mobile Cleaners



Through recent urban development, water that once soaked directly into the ground now flows quickly into street gutters and down drains. This fast-moving urban runoff picks up pollutants such as pesticides, fertilizers, eroded soil, etc. Any substance that enters storm drains flows directly into lakes, rivers, and streams. This water is not treated or cleaned to remove any pollutants.

Today, Federal and State regulations **prohibit** the discharging of pollutants to water bodies without a permit in an effort to improve the water quality.

What this means for mobile cleaners is:

"washwater discharged to any storm drainage system is illegal."

Mobile cleaning activities generate significant quantities of washwater as a result of their washing operations at various sites. Washwater can contain dirt, debris, soap, oil, grease, acid solution, solvents, and metals. Washwater discharged to the storm drain system contributes to urban runoff pollution. Even "biodegradable " cleaning agents may cause immediate damage to aquatic ecosystems.

Here are some '**Best Management Practices**' to help you and your business successfully comply with the law and help keep our water supply clean and safe.

PRESSURE WASHING:

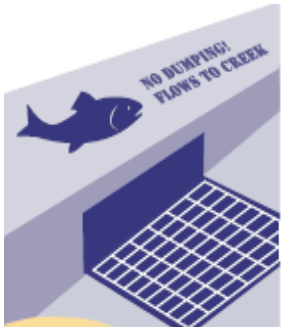
- Minimize the amount of water used during pressure washing activities, thus reducing the volume of wastewater that will need to be disposed.
- Avoid using cleaning products that contain hazardous substances (e.g., acids, sodium hydroxide, bleach, etc.) and can turn wastewater into hazardous waste.
- Strong acids and bases should be neutralized after use.
- Wastewater with high pollutant concentrations, including wastewater that contains cleaning compounds, must be completely collected and may not be left to evaporate.

SURFACE CLEANING:

- Sweep and collect debris from sidewalks, driveways, and parking areas before wet washing.
- Wash without soaps or solvents.
- Protect storm drain inlets with filter fabrics and dispose of collected materials in the trash.
- Capture water where necessary and dispose of correctly, such as, into a sink or a sanitary sewer system.

CARPET AND DRAPERY CLEANERS:

- Washwater must be discharged to the sanitary sewer or landfill. Check with local wastewater authority for discharge requirements.
- Use a lint trap or filter when discharging to the sanitary sewer, dispose of the lint or fibers in the trash (provided materials are not hazardous).
- Untreated washwater may kill plants. Do not use it for landscape irrigation unless it is first treated.
- Never discharge washwater to a street, gutter, parking lot, ditch, creek or storm drain. Either:



  - empty the used cleaning fluid tank into a utility sink or other indoor sewer connection at the service provider's home base, **OR**
  - arrange with the customer to discharge into a toilet, clean out, or utility sink on their premises.
- Washwater collected and transported from the site to your place (contractor's) of business must be disposed of appropriately. Check with local wastewater authority for treatment requirements.

NOTE: These guidelines apply even to cleaning products labeled "nontoxic" and "biodegradable."

ADDITIONALLY:

- Mobile cleaners should have the equipment, materials, and personnel to handle discharges that could flow into storm drain systems.
- Take preventive action to quickly contain and clean-up any illegal discharges.
- Report all discharges that cannot be contained to local authorities for their help
- Train personnel on current stormwater BMPs and pollution prevention practices.
- Minimize the amount of soaps or solvents you use or choice less toxic ones. Also reuse and recycle when possible.

cleaning onto the ground or into a street, gutter, or storm drain.

Changing Oil and Other Fluids

- Change vehicle fluids indoors and only on floors constructed of non-porous materials, or only in areas where spills can be captured and disposed of properly. Avoid working over asphalt and dirt surfaces that absorb vehicle fluids.
- If vehicle fluids must be removed outdoors, always use a drip pan,
- Transfer fluids drained from vehicles to a designated waste storage area as soon as possible.
- Never pour vehicle fluids or other hazardous waste into storm drains, sewers, or into dumpsters where they could leak out. These substances should be kept in designated waste storage containers until recycled or disposed of properly.

Car Washing

- If car washing is a central activity for your business, you must construct a wash pad that drains to the sanitary sewer. Treat and recycle wash water. Also install an oil/grit separator if required by the sewer agency.
- If car washing is an occasional activity of your business, avoid washing vehicles on site. Take vehicles to a commercial car wash or provide your customers with a courtesy voucher for a properly equipped commercial car wash.

Placer County Stormwater Quality Division

Phone: (530) 745-7500
3091 County Center Drive, Suite 220
Auburn, CA 95603
Email: stormwaterquality@placer.ca.gov
Or visit us on the web at
http://www.placer.ca.gov/Works/StrmWtr.aspx

Household Hazardous Waste Disposal and Recycling Information

Phone: (916) 654-5230, ext. 1010
Or visit us on the web at
http://www.placer.ca.gov/hhs/env_health/hazmat.aspx

Stormwater Compliance for Automotive Businesses

Placer County Stormwater Quality Division

Stormwater Compliance for Automotive Businesses

What every owner or manager should know…

Automotive related business owners, managers, and employees should be aware that the discharge of pollutants from their businesses' activities into the storm drainage system, or into surrounding water bodies, is prohibited by local ordinance and state and federal law. Such discharges can result in severe penalties. Typical pollutants generated by automotive businesses include wastewater from car washing, motor oil, brake dust, sanding waste, filler residue, paints, thinners, plating wastes, and other automotive fluids. It is your responsibility to keep pollutants from your business out of the storm drainage system and local waterways. Local sewer service providers may allow discharge of wastes to the sewer system with an appropriate permit.

The Basics

Stormwater regulations include two basic requirements:

- Only rain water may be discharged to a storm drain.
- Minimize the contact of rainfall and runoff with pollutant sources. Do this by maintaining a clean facility, keeping materials covered, and managing wastes responsibly.

Education and Training

Train all employees upon hiring on stormwater compliance and proper methods for handling and disposing of hazardous waste. Ensure that all employees understand and utilize the appropriate disposal methods for all types of wastes and wastewater. Post signs and mark storm drains, floor drains. And plumbing fixtures to remind employees of the importance of using proper disposal methods.

Materials Storage

- Store hazardous materials and wastes under cover and with secondary containment to prevent spills or leaks form reaching the storm drain system.
- Keep dumpster lids closed and keep lids on waste containers.
- Keep storage areas clean and dry.
- Conduct regular inspections to detect any leaks and spills immediately.
- Store batteries securely to avoid breakage and spills. Shelving should be secured to the wall. Store used batteries indoors in plastic trays to contain potential leaks. Recycle old batteries.

Keeping a Clean Shop

Good housekeeping makes it easier to detect spills and potential problems.

- Never hose down or pressure wash work areas unless the resulting wash water is contained, treated, and disposed of properly.
- Sweep or vacuum the shop floor frequently. Pick up sweepings and dispose of them in a trash receptacle. Use mopping as an alternative to hosing down work areas. Mop water must be disposed of properly.
- Keep parking lots clean in order to prevent mobilization of oils, residues, and debris by subsequent rainfall.
- Residue from the sanding of fillers is a common auto body shop pollutant—it should be collected and disposed of properly.
- Collect all metal filings, dust, and paint chips from grinding, shaving, and sanding, and dispose of the waste properly.
- Use drip pans under leaking vehicles to capture fluids.
- Keep fully stocked spill kits available at all times and make sure that employees know when and how to use them.

Hazardous Materials and Wastes

Hazardous wastes may never be discharged to the sanitary sewer or storm drain. All hazardous materials and hazardous wastes must be stored, used, and disposed of according to federal, state, and local laws, including, but not limited to, fire codes, hazardous materials and waste law, and zoning restrictions. Contact the Household Hazardous Waste Disposal and Recycling Facility for more details.

Parts Cleaning and Radiator Flushing

- Use a licensed service to haul and recycle or dispose of wastes.
- Designate specific areas or service bays for engine parts or radiator cleaning. Do not wash or rinse parts outdoors.
- Use self-contained sinks and tanks when working with solvents.
- Never discharge cleaning solutions or wastewater from steam cleaning or engine/parts

Placer County

Flyer dated 11/19/2004

Construction Processes for Stormwater Quality Protection

The Stormwater Quality Improvement Program

As of August 31, 2004, the unincorporated areas of Placer County west of Colfax and Foresthill are subject to the new National Pollutant Discharge Elimination System (NPDES) Municipal phase II

regulations for stormwater quality protection. These Federal and State regulations require additional controls on potential sources of pollution from construction sites, and actions to prevent long term non-point source pollution from developed sites through appropriate design. Placer County will implement these and other means to improve stormwater quality, such as creating a public education campaign, enforcing a prohibition against illicit discharges, and evaluating and possibly upgrading County facilities and practices to prevent pollution.

A Stormwater Pollution Prevention Plan, or SWPPP, is the term that is generally used to refer to a construction site water quality control plan.

A Stormwater Management Plan, or SWMP, is the County's overall plan for stormwater quality protection.

BMPs, or Best Management Practices, is a term used to describe an activity, technique, structure, or device intended to improve stormwater quality.

Non-point source pollution is a general term meaning pollution that is not collected and discharged through pipes, or that is not associated with an industrial process.

This information sheet describes the upcoming changes to the County's construction processes in western Placer County to meet the new requirements. Watch for future updates.

Construction and Stormwater Quality

The County's existing Grading and Erosion Prevention Ordinance (chapter 15 section 28 of the County Code) will continue to be the basis for construction site erosion control requirements and enforcement. In addition to the current conditions necessitating a grading permit, the Grading Ordinance will be amended to apply to all construction sites where one acre or more is disturbed*. This includes projects where no appreciable soil movement is proposed but where vegetation removal disrupts one acre or more, in order to comply with the State requirements for prevention of water pollution from these sites. The grading permit questionnaire will be changed to request applicants to identify such sites. All such sites will be required to get a grading permit

and implement construction site BMPs. The agricultural exemption, and other exemptions not conflicting with the 1 acre requirement from the Grading Ordinance, will remain.

In addition to the local municipal program, the State also requires the

A proposed stormwater ordinance will:

- Prohibit non-stormwater (anything besides rainwater) discharges to stormdrains
- Control construction site wastes
- Prohibit sediment discharge from construction sites
- Require that construction sites apply and maintain BMPs
- Require that post-construction BMPs be installed on new and re-development projects. Proposed post-construction changes are described in a separate flyer.
- Develop enforcement authority

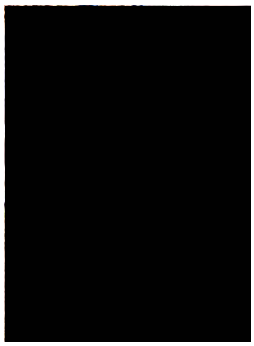
(Construction and Stormwater Quality, continued)

owner of a one acre or larger construction to obtain a construction stormwater permit from the State. The County's municipal NPDES permit requires that we inform the State of any construction sites if the project owner has NOT obtained a construction permit from the State. All projects, including building, grading, and improvement plans where one acre or more is disturbed will be required to demonstrate that they have filed the appropriate Construction General Permit Notice of Intent with the Central Valley Regional Water Quality Control Board. This will be done by asking applicants to provide a WDID (Waste Discharge Identification number) and a copy of the approved SWPPP **prior to construction approval**.

The NPDES program requires the County to develop additional authority, besides that in the Grading Ordinance, to control pollution from new development and existing sources. This is proposed through a new stormwater ordinance to be presented to the Board of Supervisors for consideration in late 2004 or early 2005.

* Disturbed areas include all areas that are to be graded or paved, where vegetation is removed, building sites, access and parking areas, storage areas, and anywhere else that existing ground is disrupted.

Construction Site Requirements



All sites will be required to utilize a combination of BMPs that effectively protects the site and prevents anything but clean rainwater from running off-site.

Projects will be expected to maintain additional controls on construction site wastes, such as prohibiting concrete and paint washout onto the ground, removing trash and wastes that may flow or blow into the stormdrain and waterways, and providing proper storage of materials. For example, landscaping materials and dirt must be kept out of streets and away from flowage paths, chemicals must be covered and contained, and portable toilets must be placed where the liquid cannot reach the stormdrain system in the event of disruption. Any blowing debris or dust, including from hydroseeding for erosion control purposes, must prevented from crossing property boundaries.

Construction sites will be subject to additional year round inspections to verify stormwater quality compliance. These may be additional separate inspections, or may be performed in the course of other routine inspections. Projects under construction must maintain sufficient erosion and sediment control materials onsite at all times, including during the 'dry' season, to be able to effectively protect the site in advance of any storms.

Sites will be inspected monthly during the rainy season and every other month during the dry season. Project sites that are large, steep, have a history of non-compliance, are next to a waterway, or that are otherwise more likely to pollute will be designated as high priority and will be inspected weekly during the rainy season.

Resources for More Information

Placer County

For more information about the stormwater quality program, call the Department of Public Works: (530) 889.7500

Stormwater quality program website: **http://www.placer.ca.gov/works/strmwtrmgt/strmwtr.htm**

Placer County Stormwater Management Plan: **http://www.placer.ca.gov/works/strmwtrmgt/StormwaterManagementPlan-Final-0312004.pdf**

California Stormwater Quality Association (CASQA)

CASQA Best Management Practices Handbooks: **http://www.cabmphandbooks.com**

State Water Resources Control Board

Small Municipal General Permit: **http://www.swrcb.ca.gov/stormwtr/phase_ii_municipal.html**

Construction General Permit: **http://www.swrcb.ca.gov/stormwtr/docs/finalconstpermit.pdf**

Placer County

Revised February 2007

Stormwater Pollution Prevention: Retail and Non-Retail Gasoline Outlets

As part of the federal Clean Water Act, the State adopted new stormwater runoff quality regulations in 2003. To comply with the new requirements, in 2004 the Placer County Board of Supervisors approved a Stormwater Management Plan that describes the stormwater program activities. The goal of Placer County's Stormwater Quality Program is to protect the health of the County's creeks, streams, rivers, and lakes by providing educational outreach to members of the public and businesses about the effects of their activities. Stormwater runoff is not treated before it flows into natural waterways--contaminants harm fish and wildlife, and pollute the water we use for swimming, fishing, and drinking. Retail and non-retail fueling facility owners, managers, and employees need to be aware that the discharge of their pollutants into the storm drainage system or surrounding water bodies is prohibited by local ordinance, as well as state and federal law. Release of any 'non-stormwater' discharges, including trash, engine and vehicle fluids, fuel residue in any concentration, sediment, or other materials is illegal.

Here are some recommended 'Best Management Practices' to help you and your business comply with the law:

GENERAL:

- Visually inspect grounds periodically for contamination, waste, or spills from any source. Clean up and correct any observed problems promptly.
- Spot-clean leaks and drips routinely. Leaks are not cleaned up until the absorbent is picked up and disposed of properly. Do not hose spills into the storm drain system.
- Label storm drain inlets in the business vicinity with a "No Dumping" message.
- Post signs to remind employees and customers that the changing of oil and other vehicle fluids outside is not allowed anywhere other than approved locations.
- Install catch basin inlets with sedimentation basins or grit chambers in areas subject to accumulating grit. Commercial stormwater treatment units that remove grit, oil, and trash from runoff before it leaves the business site may be installed if source controls aren't sufficient.
- Keep your spill response plan up to date, and keep an ample supply of clean up materials on hand at all times.

EMPLOYEE TRAINING:

Train all employees upon hiring and annually thereafter on stormwater pollution prevention practices, including proper methods for handling and disposal of wastes. Make sure that all employees understand stormwater discharge prohibitions, wastewater discharge requirements, and these best management practices, and that they are properly trained in spill prevention, response, and clean-up procedures.

WASTE CONTAINERS:

- Spot-clean leaks and drips from waste containers routinely to prevent runoff of waste liquid, or contamination of stormwater when it rains.
- Minimize stormwater pollution from outside waste containers by:
  - using only watertight containers and keeping the lids closed.
  - grading and paving the waste receptacle area to direct stormwater away from it.
  - installing a roof over the dumpster area and place all trash cans under a rain canopy; or installing a low containment berm around the waste receptacle area.
  - immediately replacing any container that leaks, or using and maintaining drip pans under receptacles.

FUELING AREA:

- Maintain clean fueling areas using dry cleanup methods such as sweeping for removal of litter and debris, or rags and absorbents for leaks and spills. Do not hose waste into the storm drain.
- Fueling areas must never be washed down unless the wash water is collected and disposed of properly. It is the responsibility of the facility operator to make sure that wastewater is disposed of properly, including wastes generated by contract cleaners such as pressure washers. If cleaning is performed by washing, the downstream drain must be temporarily plugged and the accumulated water pumped out. Permission from the local sewer agency must be obtained before discharging wash water to the sanitary sewer.
- Post signs at the fuel island warning users against 'topping off' the fuel tank.
- Many spills occur during fuel transfers; use secondary containment while transferring from the supply truck to the storage tanks. Cover storm drains in the vicinity, and clean up any spills immediately with absorbent, rags, and sweeping. Dispose of waste materials properly.
- Report leaking vehicles to the appropriate fleet management agency or trucking company so that they can be fixed immediately.

NEW AND REDEVELOPMENT:

- New fueling facilities are subject to design standards to minimize the amount of pollution generated by the facility.
- Older existing facilities should consider modifying canopy coverage to minimize the exposure of rain and runoff to fueling areas. Existing facilities can also re-grade or re-pave surface areas to direct runoff away from fueling and waste handling areas.

Remember:

Any waste on the ground will be carried away by stormwater and pollute our waterways.

For more information on ways to prevent stormwater pollution or to report violations, call the Placer County Department of Public Works at (530) 745-7500.
Check out the Placer County stormwater website at http://www.placer.ca.gov/Works/StrmWtr.aspx.
More information about Best Management Practices for retail gasoline outlets is available at http://www.cabmphandbooks.com/.

STOP STORMWATER POLLUTION... YOU'RE THE SOLUTION !!

As stormwater flows over driveways, lawns, and sidewalks, it picks up debris, pet waste, oil, paint, chemicals, dirt and other pollutants. Stormwater can flow into a stormwater drain system or directly to a lake, stream, river, or wetland. Anything that enters a stormwater drain system is discharged without being treated into the water bodies we use for swimming, fishing, and providing drinking water. Polluted runoff is the nation's greatest threat to clean water. By practicing these healthy household habits, homeowners can keep pollutants off the ground and out of the stormwater drain system.

Healthy Household Habits

Lawn & Garden

⇒ Use pesticides and fertilizers sparingly. Avoid application if rain is in the forecast.

⇒ Select native plants and grasses for your yard. Native plants require less water, fertilizer, and pesticides.

⇒ Sweep up sidewalks, patios, and decks of yard debris and dispose of it in a covered compost pile or take it to the dump. Do not hose yard debris into street gutters or storm drains!

⇒ Don't over water your lawn, letting water run off into the storm drain.

⇒ Vegetate or mulch bare spots in your yard to prevent erosion.

⇒ Reduce the amount of paved area and increase the amount of vegetated area in your yard. Decomposed granite or pavers set in sand are good alternatives for concrete paths or walkways.

Pet Care

⇒ Pick up pet waste. Pet waste left on the ground will be washed into nearby storm drains, lakes, rivers, and streams.

⇒ Flushing small animal pet waste is the best disposal method, or you can secure it in a plastic bag and dispose of it in your trash.

In recent years, federal and state regulations have been created to protect stormwater quality. These laws require local jurisdictions to develop and implement stormwater management programs. The state requires these programs to include educational outreach to inform the public and businesses of the effects of their activities on stormwater quality. Local ordinances ***prohibit the disposal of anything except stormwater into storm drainage systems.***

For More Information

Stormwater Quality Program
(530) 889-7500 or
stormwater@placer.ca.gov
Or visit us on the web at
http://www.placer.ca.gov/works/strmwtrmgt/strmwtr.htm

Household Hazardous Waste, Disposal and Recycling Information
(916) 645-5230, ext. 1010 or
http://www.placer.ca.gov/hhs/hhs-sub/enviro/h_hazmat.htm

Home Repair & Improvement

⇒ Before beginning an outdoor project, locate the nearest storm drains, culverts, ditches, etc. and protect them from incoming pollutants.
⇒ Properly dispose of construction debris either in home trash or in your local landfill.
⇒ Use hazardous substances like paints, solvents, and cleaners sparingly.
⇒ Clean up hazardous materials spills immediately and dispose of them properly.
⇒ Buy nontoxic, biodegradable, recycled and recyclable products whenever possible.
⇒ Clean painting equipment in the sink, not outdoors.
⇒ Dispose of excess paints, cleaners, solvents, etc. through a household hazardous waste collection program.

Swimming Pool & Spa

⇒ Drain your swimming pool only when a test kit does not detect any chlorine or other toxic chemicals.
⇒ Store pool and spa chemicals in a covered area to avoid exposure to stormwater.
⇒ Wash pool filter in a sink or on the lawn to prevent stormwater contamination.
⇒ Control algae by regulating chlorine levels and by using a pool cover to block sunlight. Do not use copper-based algae control products.
⇒ Check with the Sewer District before discharging swimming pool water into a public sewer. For more information on sanitary sewer requirements, contact your local wastewater authority.

Vehicle Washing & Repair

⇒ Use a commercial car wash or wash your car on a lawn or other unpaved surface to reduce the amount of car wash water runoff. Use a spray nozzle to prevent water waste.
⇒ Check your vehicles, machinery and equipment for leaks and spills. Make vehicle repairs as soon as possible.
⇒ Clean up spilled fluids with an absorbent material such as kitty litter. Do not hose spills into the street, gutters or storm drains.
⇒ Always recycle automotive fluids at appropriate disposal sites. Do not dump them down the storm drain or onto the ground.

Septic System Use & Maintenance

⇒ Have your septic system inspected by a professional at least every 3 years, and have the septic tank pumped as necessary.
⇒ Do not drive or park vehicles on the septic system drain field. Plant only grass over and near the drain field.
⇒ Flush responsibly. Flushing household chemicals can destroy the biological treatment taking place in the system.

Cleaning

⇒ Send cleaning/wash water down a sink or toilet, not into the street, gutters or storm drains.
⇒ Direct pressure-washing runoff onto an unpaved surface or vegetated area, not into the street, gutters, storm drains, or public sewers.

- ***Ants*** — Place boric acid dust or diatomaceous earth in problem areas, cracks and insect walkways. Be sure it is inaccessible to children and pets (it is a mild poison).

5. Chemicals and Equipment

- Keep a spill kit to soak up leaks and spills. Dispose of appropriately.
- Avoid weed-and-feed combination products. This often adds unnecessary herbicides to the landscape. Use spot-treatment for weeds.
- Use low-phosphorus or no-phosphorus fertilizer if possible. Low-phosphorus fertilizers have a nitrogen-to-phosphorus ratio of 5:1 or greater. Exceptions to the low-phosphorus recommendation are (1) new lawns (seed or sod); and (2) additional phosphorus as justified by soil nutrient test results.
- Wash equipment in an unpaved area or in a designated wash area.

6. As a Business..

- Inspect and calibrate application equipment frequently to prevent spills and leaks.
- Suggest using mulch, bricks, flagstone, gravel or other porous surfaces for walkways, patios and driveways.
- Minimize the use of chemicals (it's a great way to cut costs).

PLACER COUNTY
STORMWATER QUALITY
PROGRAM

Phone:
(530) 745-7500
Email:
stormwater@placer.ca.gov
Online:
http://www.placer.ca.gov/works/strmwtrmgt/strmwtr.htm

Landscaping, Gardening, and Pest Control For Businesses

Placer County Stormwater Quality Program

Best Management Practices

Landscaping, Gardening, and Pest Control For Businesses

Stormwater Pollution

Landscaping and landscape maintenance activities can be major contributors to water pollution. Poorly-functioning or poorly installed sprinklers may cause over-watering which allow soils, yard wastes, and garden chemicals to combine into an urban runoff mix that drains through streets, gutters, and storm drains before entering local creeks.

Fertilizers, pesticides, and herbicides are washed off lawns and landscaped areas.These chemicals not only kill garden invaders, they also harm beneficiall insects, poison fish and contaminate ground and surface water.

Discharge of pollutants into the storm drainage system or surrounding water bodies is prohibited. Release of any 'non-stormwater' discharge is illegal.

Be a solution to water pollution. Help protect our creeks water supply by using these tips.

Revised 6/12/06

Helpful Tips

1. General Landscaping Tips

- Use temporary check dams or ditches to divert runoff away from storm drains.
- Prevent erosion by applying mulch or by planting fast-growing annual and perennial grasses. These will shield and bind the soil.
- Do not dump soil, mulch, or other organic materials on to sidewalks, roads, parking areas, cul-de-sacs or other impervious areas where stormwater runoff can wash it into storm drains.
- Cover material piles with plastic prior to rain events.
- Pick up litter and other wastes regularly.

2. Garden & Lawn Maintenance

- Set sprinklers so they don't over-water. Use irrigation practices such as drip irrigation, soaker hoses, or micro-spray systems.
- Do not blow or rake leaves into the street, gutter, or storm drains. Collect and dispose of in garbage or compost.
- Use organic or non-toxic fertilizers.
- Do not over-fertilize and do not fertilize near ditches, streams or other water bodies.
- Store pesticides, fertilizers, and other chemicals at your business in a covered area to prevent runoff.
- Use dry cleaning methods, such as sweeping, instead of washing materials from sidewalks and driveways.

3.Choose Pesticide Alternatives

(Chemicals are not the only solution!)

A) Biological Controls

- Predatory insects (e.g. Green lacewings eat aphids)
- Bacterial insecticides (e.g. *Bacillus thuringiensis* kills caterpillars)

B) Chemical Controls - Your last Resort

Do not apply chemicals before a rainstorm!

Use less toxic products such as:

- Dehydrating dusts (e.g. silica gel, diatomaceous earth, etc.)
- Insecticidal soaps
- Boric acid powder
- Horticultural oils

4. Safe Substitutes for Pest Control

- ***Garden Aphids and Mites*** - Mix 1 tablespoon of liquid soap and 1 cup of vegetable oil. Add 1 teaspoon of this mixture to a cup of water and spray. (May harm vegetable plants in the cabbage family.)
- ***Caterpillars*** - When caterpillars are eating, apply products containing *Bacillus thuringiensis* to leaves.

- Never dump anything down stormdrains or into waterways.
- Use fertilizers, herbicides, and pesticides sparingly; don't overwater your lawn.
- Take your car to the car wash instead of washing it in the driveway.
- Dispose of used auto fluids and batteries at designated drop-off or recycling locations. Use an absorbent like kitty litter or sand to soak up oil and antifreeze spills. Sweep up the mixture, bag it, and place it in the garbage.
- Pick up after your pet; dispose of waste in a trash receptacle.

- Have your septic tank professionally inspected every 3 years and pumped regularly (every 3-5 years).
- Prevent soil erosion, vegetate bare spots, and avoid overgrazing of horses and livestock, if applicable.
- During construction activities, minimize disturbed areas, stabilize slopes, avoid disturbing natural channels, and limit the amount of dirt tracked into and out of the project site.
- Cover piles of loose landscaping materials, such as sand, bark, and dirt.
- Do not disturb vegetation or soil in and around natural waterways.

County of Placer
Department of Public Works
11444 B Avenue
DeWitt Center
Auburn, CA 95603

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PLACER COUNTY'S STORMWATER QUALITY PROGRAM

Public Information Brochure

The goal of Placer County's Stormwater Quality Program is to protect the health of all of the County's creeks, streams, rivers, and lakes.

In recent years, a number of federal and state regulations have been created to control stormwater pollution. A 1990 regulation by the U.S. Environmental Protection Agency (EPA) requires urban and growing areas to apply for a special permit regulating stormwater flows into natural water bodies. This permit is called a National Pollutant Discharge Elimination System (NPDES) permit. The NPDES regulations require permitted areas to develop and implement a Stormwater Management Program identifying specific activities to eliminate or control stormwater pollution. In 2003, most of Placer County became subject to these regulations based on population density. The cities of Auburn, Colfax, Lincoln, Loomis, Rocklin, and Roseville will have separate permits.

Placer County's Stormwater Quality Program includes educational outreach to inform members of the public and businesses of the effects of their activities, a new ordinance that will effectively prohibit the disposal of anything except stormwater into our ditches, creeks, and streams, controls on construction activities, standards for design of new developments, and a program to assure that County operations themselves are clean.

What is stormwater runoff?

Stormwater runoff occurs when precipitation from rain or snowmelt flows over the ground. Impervious surfaces like driveways, sidewalks, and roads prevent stormwater from naturally soaking into the ground.

Why is stormwater runoff a problem?

Stormwater can pick up debris, chemicals, dirt, and other pollutants and rapidly flow in large quantities into a storm drain system or directly to a lake, stream, river, or wetland. **Stormwater is not treated and flows directly into natural waterways. Contaminants harm fish and wildlife and pollute the water we use for swimming, fishing, and providing drinking water.**

The effects of pollution

Pollutants such as motor oil, grease, automotive fluids, pesticides, fertilizers, pet wastes, sediment, and litter can have many adverse effects on plants, fish, animals, and people.

Household hazardous wastes such as insecticides, pesticides, paint, solvents, used motor oil, and other auto fluids can poison aquatic life. People and wildlife can become sick or die from eating diseased fish and shellfish or ingesting polluted water.

Sediment can cloud the water and make it difficult or impossible for salmon to spawn and aquatic plants to grow.

Debris such as plastic bags, six-pack rings, bottles, and cigarette butts can choke, suffocate, or entangle aquatic life like fish, turtles, and birds.

Bacteria and other pathogens can wash into swimming areas and create health hazards.

Excess nutrients can cause algae blooms. When algae die, they sink to the bottom and decompose in a process that removes oxygen from the water. Fish and other aquatic organisms cannot exist in water with low dissolved oxygen levels.

Contact Information:

Printed on 100% Recycled Paper
June 2004

There is a difference between your sink drain and the storm drain...

The Sanitary Sewer System, connected to your sinks, toilet and floor drains, collects and treats wastewater prior to releasing it back into the environment.

The Storm Drainage System, found in streets, parking lots, and roadside ditches, drains directly to local waterways with no treatment.

Remember:

- Pollutants left open to the environment wash directly into the storm drainage system.
- Allowing pollutants to enter the storm drainage system harms the environment and is also illegal.

Employee Training

- Train all employees upon hiring and each year thereafter.
- Post these Best Management Practices where employees can see them.
- Mark storm drain openings with a message that discourages illegal dumping, such as “No dumping! Flows to Creek”.

For more information

Cities

- City of Auburn Public Works
  530-823-4211
- City of Lincoln Public Works
  916-645-8576
- Town of Loomis Public Works
  916-652-1840
- City of Rocklin Public Works
  916-625-5500
- City of Roseville Environmental Utilities
  916-774-5751

Placer County

- Environmental Health/Food Facility Inspections
  530-745-2300
- Department of Public Works
  Stormwater Quality Program
  11444 B Avenue
  DeWitt Center
  Auburn CA 95603

  530-889-7500

  stormwater@placer.ca.gov
  http://www.placer.ca.gov/works/strmwtrmgt/strmwtr.htm

Sponsored by Placer County and the Placer Regional Stormwater Coordination Group

Printed on 100% Recycled Paper
November 2004

Stormwater Pollution Prevention

For the Food Service Industry in Placer County

Bakeries
Cafeterias
Restaurants
Grocery Stores
Food Distributors
Food Producers
Delicatessens

Clean Stormwater is Important to All of Us

In recent years, federal and state regulations have been created to protect stormwater quality by requiring local jurisdictions to implement stormwater management programs. These programs must include educational outreach to inform the public and businesses of the effects of their activities on stormwater quality. Local ordinances are being put into place to prohibit the disposal of anything except clean rainwater into storm drainage systems.

The Food Service Industry can introduce pollutants to stormwater runoff that drains to lakes, rivers, and streams. It is essential that your business take the necessary steps, using the Best Management Practices described in this brochure, to prevent pollutants from entering the storm drainage system.

Best Management Practices

Grease and Oil

- Collect grease and oil in covered leak-free bins. Schedule regular pick-ups with your local rendering service.
- Never dump grease, oil, sauces, or fats into the sink drain, storm drain, or dumpster. Dumping oil or grease down the sink can cause severe blockages in the sewer.

Landscaping

- Minimize use of pesticides and fertilizers. Do not apply in wet weather or allow irrigation to run off.
- Do not blow, rake, or sweep landscape wastes into the street or gutter.

Wash Water

- Sweep, vacuum, or mop outdoor areas instead of hosing or pressure washing. Sweep or vacuum parking lots and drive thru areas regularly.
- Clean equipment under cover and in a contained runoff area. Be sure to use a mop sink that drains to the sanitary sewer when washing equipment.
- Use an approved contract service to clean large kitchen floor mats.
- Never pour wash water outside.

Food Waste

- Wrap food wastes in plastic bags and place them in the dumpster.
- Meat fat should be collected in a covered, leak-free tallow bin.

Dumpster Waste

- Provide a containment area for your dumpster that prevents wind and rain from transporting loose trash or liquids to the storm drain.
- Replace leaky dumpsters. Keep dumpster lid closed when not in use.
- Avoid overfilling dumpster by scheduling regular service pick-ups.

Spills

- Train employees to properly clean up spills.
- Keep clean up materials such as rags, cat litter, and other absorbents handy and accessible. Sweep up or absorb the spill, bag the waste, and place in dumpster.
- Store cleaning fluids indoors so leaks and spills can't reach the storm drain.

LOCAL OIL RECYCLING FACILITIES

Here is a list of the certified oil recycling centers in Placer County. Remember, by recycling your used oil, you are protecting the environment, conserving a valuable natural resource, and getting paid for it!

Map #		Map #	
1	**Applegate Garage:** 17914 Applegate Rd Applegate, CA 95703 (530) 878-2824	15	**Pick-N-Pull, Rocklin #3** 6355 Pacific St (Taylor Rd) Rocklin, CA 95677 (916) 784-6350
2	**Kragen Auto Parts #1360** 548 Grass Valley Hwy Auburn, CA 95603 (530) 823-1177	16	**SpeeDee Oil Change & Tune-Up** 5490 Pacific Street Rocklin, CA 95677 (916) 632-8495
3	**Quick Lube Service Center** 875 Marguerite Mine Rd Auburn, CA 95603 (530) 887-8158	17	**The Refinery Mobile Division** 3630 Cincinnati Avenue Rocklin, CA 95765 (916) 543-7337
4	**Reibes Auto Parts** 200 Palm Avenue Auburn, CA 95603 (530) 885-5134	18	**AutoWest Buick GMC** 150 Automall Dr Roseville, CA 95661 (916) 783-2077
5	**SpeeDee Oil Change & Tune-Up** 12021 Summer Ridge Dr Auburn CA 95603 (530) 906-3319	19	**AutoWest Dodge, Chrysler, Jeep** 230 Automall Dr Roseville, CA 95661 (916) 774-7801
6	**True Value Hardware** 355 Nevada St Auburn, CA 95603 (530) 889-9258	20	**AutoWest Honda Roseville** 500 Automall Dr Roseville, CA 95661 (916) 783-7733
7	**Mel's Service** 240 S Auburn St Colfax, CA 95713 (530) 346-2913	21	**AutoWest Mazda Subaru BMW** 110 Automall Dr Roseville, CA 95661 (916) 780-3149
8	**City of Colfax Used Oil Facility** 250 Rising Sun Rd Colfax, CA (530) 346-2313	22	**Firestone Store #3542** 1167 Roseville Square Roseville, CA 95678 (916) 783-0431
9	**Stone's Country Tire & Automotive** 8001 N. Lake Blvd. Kings Beach, CA (530) 546-5927	23	**Kragen Auto Parts #1776** 3993 Foothills Blvd Roseville, CA 95747 (916) 782-3211
10	**Placer Waste Management Agency** 3033 Fiddyment Rd at Athens Lincoln, CA 95648 (916) 654-5180 x1002	24	**Kragen Auto Parts #4026** 106 Harding Blvd Roseville, CA 95678 (916) 783-0424
11	**Fox's Automotive** 3590 Taylor Rd Loomis, CA (916) 652-7526	25	**Roseville Fuel Plaza dba The Refinery** 9077 Foothills Blvd, Ste 100 Roseville, CA 95747 (916) 797-9434
12	**AutoZone #5546** 6651 Stanford Ranch Rd Rocklin, CA 95677 (916) 630-8818	26	**SpeeDee Oil Change & Tune-Up** 660 Sunrise Avenue Roseville, CA 95661 (916) 781-6665
13	**Jiffy Lube** 6070 Stanford Ranch Rd Rocklin, CA 95765 (209) 339-0791	27	**Tahoe City Chevron Service** 310 River Rd Tahoe City, CA (530) 583-0211
14	**Kragen Auto Parts #1421** 5601 Pacific Street Rocklin, CA 95677 (916) 624-0393	28	**Eastern Regional Landfill** Cabin Creek Road Truckee, CA 96161 (530) 587-4235

HELP KEEP OUR WATERS CLEAN!

USED OIL AND OIL FILTER RECYCLING

Used oil is a toxic substance that can be environmentally hazardous if not disposed of properly. One gallon of oil - the amount of a typical oil change - can contaminate one million gallons of drinking water. The Western Placer Waste Management Authority (WPWMA) and State of California provide numerous collection centers for safe disposal of your used oil and oil filters.

WHY RECYCLE USED OIL?

Did you know that used motor oil never wears out? It just gets dirty and can be recycled, cleaned, and used again. Recycling used motor oil conserves a natural resource (oil) and is good for the environment too! Motor oil poured onto the ground or into storm drains, or tossed into trash cans (even in a sealed container) can contaminate and pollute the soil, groundwater, streams, and rivers. Recycling your used motor oil reduces this pollution threat. When you take your used oil to a certified center for recycling, you are protecting the environment, conserving a valuable resource, and getting paid for it. That's a winning combination!

PLEASE ALWAYS REMEMBER TO:

- Transport oil in containers with a tightly sealed lid.
- Place used oil filters in a re-sealable bag or other leak-proof container.
- Take in no more than 5 gallons of used oil at one time.
- Always wait for an attendant to accept your used oil.
- Avoid contaminating used oil with any other substances.

ABOUT THE CERTIFIED CENTERS

The Integrated Waste Management Board encourages the recycling of used motor oil by certifying used oil recycling collection centers throughout the state.
Certified Used Oil Collection Centers will take used motor oil from the public and will pay you a 16 cents a gallon. Most centers will take up to 5 gallons at a time.

PLACER COUNTY'S STORMWATER QUALITY PROGRAM

The goal of Placer County's Stormwater Quality Program is to protect the health of all of the County's creeks, streams, rivers, and lakes. Stormwater is not treated and flows directly into natural waterways. People and wildlife can become sick or die from eating diseased fish and shellfish or ingesting polluted water. By recycling your used oil, you are helping us keep the water we use for swimming, fishing, and providing drinking water clean.

CLOSING THE LOOP - RE-REFINED OIL SAVES RESOURCES

You've made the effort to recycle your used oil and keep the environment clean. But what happens to that oil after you drop it off at a collection center? Of the nearly 750 million gallons of used oil collected each year, 43 percent goes to asphalt plants, 12 percent generates electricity, and 14 percent is refined to virgin conditions. The remainder is used for fuel or in other industries such as steel and paper mills. Re-refined oil is mostly purchased in bulk and used by fleet vehicles... so if you operate a fleet, please request a bid for re-refined oil from your employer.

HAZARDOUS WASTE

1. Never use soaps or detergents to clean oil or fuel. Soaps emulsify oil, breaking it into invisible droplets that disperse through the water. Adding soap is ILLEGAL and bad for the environment.
2. Many cleaning and maintenance products are considered hazardous waste, including antifreeze, lead-acid batteries, used oil and oil filters, oil/fuel saturated absorbents, solvents, paints, zincs, varnishes and cleaning products.
3. Review storage of products every six months and properly dispose of old or unnecessary products. Be sure to bring all hazardous waste to your local Household Hazardous Waste Facility.
4. Practice good preventive engine maintenance. Keep engines well tuned and operating at peak efficiency. Inspect fuel lines, hoses, hydraulic lines, valves, oil seals, gaskets and connections for leaks and deterioration. Make sure hoses are the correct length and secured to avoid kinking and chafing.

WHAT ABOUT CONTAMINATED OIL?

Certified center managers will not accept used motor oil that has been contaminated with other fluids such as antifreeze, solvents, gasoline, or water. So please, don't mix your used oil with anything. However, if your used oil accidentally gets contaminated, your certified center manager can tell you where to take it for proper disposal. Alternatively, you can get information from your local household hazardous waste facility about how to deal with your suspected contaminated oil.

PLEASE DO NOT:

- Dispose of the oil filter with your regular garbage.
- Do not mix oil with other fluids such as water, gasoline, or antifreeze.
- Do not pour used oil on the ground or into storm drains.

Report oil, fuel and chemical spills to these numbers:

California Office of Emergency Services
1-800-OILS911

Local Household Hazardous Waste Facility
(916) 645-5230
http://www.placer.ca.gov/hhs/env_health/hazmat.aspx

Placer County Stormwater Quality Program

Phone: (530) 889-7500

Email: stormwater@placer.ca.gov

Or visit us on the web at http://www.placer.ca.gov/Works/StrmWtr.aspx

HELP SAVE OUR WATER:

RECYCLE YOUR OIL!

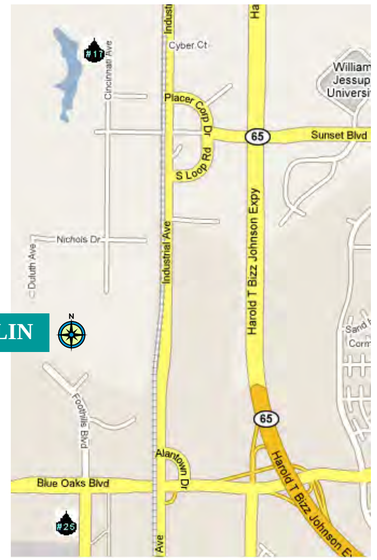
PLACER COUNTY STORMWATER QUALITY PROGRAM

Placer County

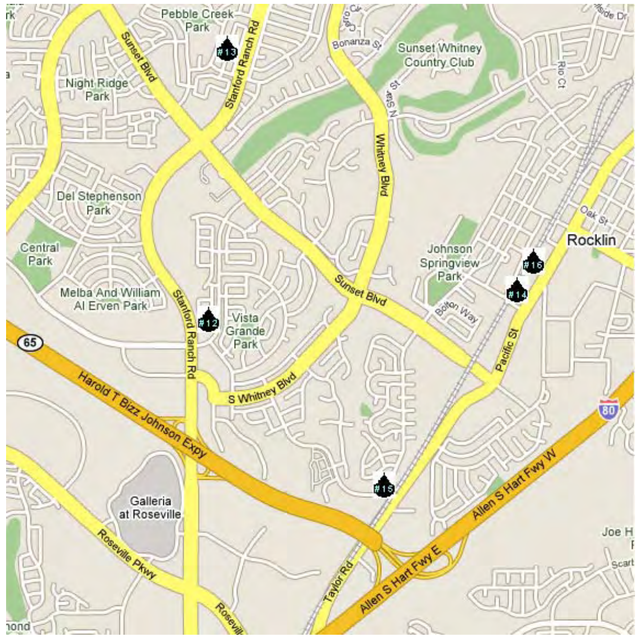
Used Oil Drop-Off Facilities

LINCOLN

ROCKLIN



ROCKLIN



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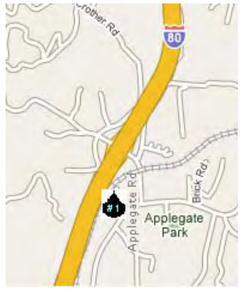

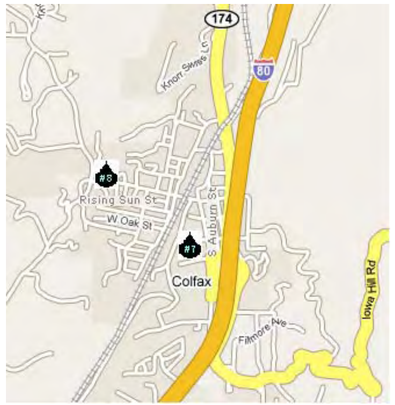

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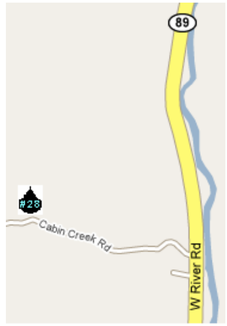
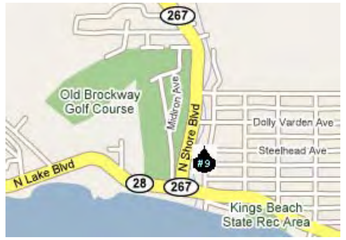


KINGS BEACH



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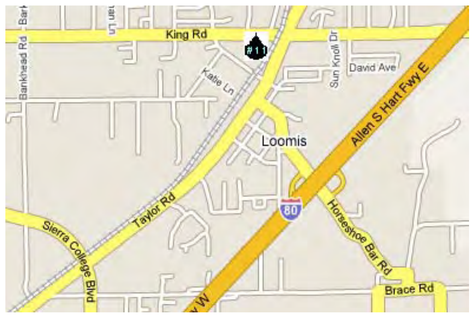
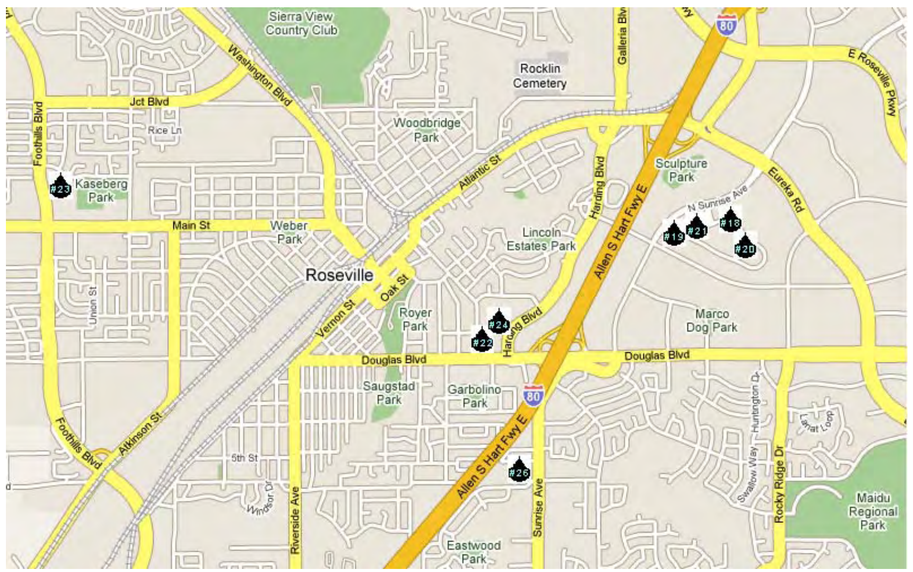


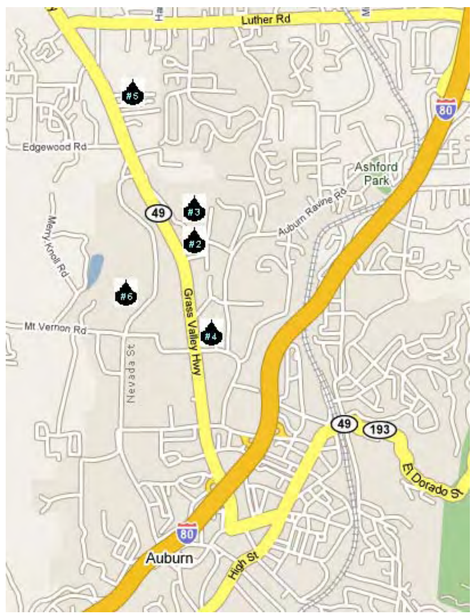
COLFAX

TAHOE CITY

ROSEVILLE



AUBURN



Appendix 15

Placer County California

Search

I need information on..

Departments

Residents|Business|Visitors|Online Services|Board of Supervisors|Emergency|County Government

Home>Public Works>Stormwater Quality Management>Businesses/ Industrial

Residents
Businesses/ Industrial
Contact Us
Construction
Resources
About Us
Public Involvement
Events/Training

Quick

Businesses/ Industrial

Allowing polluting substances into storm drains is prohibited in California. All businesses play a key role in pollution prevention. We urge your business to use common sense Best Management Practices (BMPs). By adopting a few simple pollution prevention practices, you will help preserve the quality of our water resources. Potential areas of concern are drainage, storage, toxic chemicals, management of trash and waste products, pesticides and spills into the stormwater system. Learn how you can protect our water!

- Placer County Stormwater Quality Program General Information Brochure
- Stormwater Compliance for Automotive Businesses
- Retail and Non-retail Gasoline Outlets
- Mobile Cleaners Brochure
- Landscaping Brochure
- Food Service Industry Brochure

Stormwater Pollution Prevention for Food Service

CASQA Best Management Practice Handbook

FAQ's

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Appendix 16

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
1	BELL, JUDITH A, TRUSTEE ET AL	1785 Lake Blvd, Tahoe City	Y	083-106-003-000	60%	0.7569	63- Ward Creek	1	RESTAURANTS, COCKTAIL LOUNGES
2	MUHR, SUSANNE, TRUSTEE	1690 Lake Blvd, Tahoe City	Y	083-107-009-000	75%	2.0357	63- Ward Creek	1	HOTELS, MOTELS, RESORTS
3	LAKE TAHOE PK ASSN TRUSTEE	1790 Lake Blvd, Tahoe City	Y	083-108-010-000	0%	0.5207	63- Ward Creek	1	SERVICE STATION
4	COOPER, CRAIG T	2255 Lake Blvd, Tahoe City	Y	084-110-004-000	60%	1.3754	63- Ward Creek	1	RESTAURANTS, COCKTAIL LOUNGES
5	TAHOE SUNNYSIDE	1850 & 1890 Lake Blvd, Tahoe CIty	Y	084-140-028-000	1%	1.887	63- Ward Creek	1	HOTELS, MOTELS, RESORTS
6	NICHOLS, ANN M, TRUSTEE ET AL	9983 Cove Ave, Kings Beach	Y	090-294-008-000	70%	0.1618	13- East Stateline Point	1	RESTAURANTS, COCKTAIL LOUNGES
7	BLUTH, CHARLES P, TRUSTEE	9937 Lake Blvd, Kings Beach	Y	090-304-012-000	100%	1.7604	13- East Stateline Point	1	HOTELS, MOTELS, RESORTS
8	BLUTH, CHARES	9981 Lake Blvd, Kings Beach	Y	090-304-014-000	5%	0.6668	13- East Stateline Point	1	HOTELS, MOTELS, RESORTS
9	TNT INVESTMENTS INC	9980 Lake Blvd, Kings Beach	Y	090-306-001-000		0.1254	13- East Stateline Point	1	SERVICE STATION
10	VOGT, PETER & HELEN, TRUSTEES ET AL	625 Lake Blvd, Tahoe City	Y	094-240-007-000	60%	1.0618	63- Ward Creek	1	RESTAURANTS, COCKTAIL LOUNGES

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
11	HYNES, PHILLIP J & DIANNE L	5055 Lake Blvd, Homewood	Y	097-121-011-000	85%	1.2127	60- Madden Creek	1	RESTAURANTS, COCKTAIL LOUNGES
12	HOMEWOOD MARINA	5130 Lake Blvd, Homewood	Y	097-130-028-000	0%	0.4849	60- Madden Creek	1	RESTAURANTS, COCKTAIL LOUNGES
13	HOMEWOOD MARINA LODGE ET AL	5160 Lake Blvd, Homewood	Y	097-130-031-000	55%	0.7388	60- Madden Creek	1	HOTELS, MOTELS, RESORTS
14	HOMEWOOD MARINA LODGE	5180 & 5190 Lake Blvd, Homewood	Y	097-130-033-000	90%	0.6824	60- Madden Creek	1	HOTELS, MOTELS, RESORTS
15	TAHOE HERITAGE MARINE MUSEUM	5205 Lake Blvd, Homewood	Y	097-140-004-000	50%	0.4365	60- Madden Creek	1	HOTELS, MOTELS, RESORTS
16	TOPOL, NATHAN L	5335 Lake Blvd, Homewood	Y	097-153-001-000	60%	0.7803	60- Madden Creek	1	RESTAURANTS, COCKTAIL LOUNGES
17	OBEXER FAMILY LLC	5395 Lake Blvd, Homewood	Y	097-153-005-000	60%	0.6507	60- Madden Creek	1	SERVICE STATION
18	CHAMBERS LANDING PARTNERSHIP	6300 Chambers Lodge Rd, Tahoma	Y	098-330-006-000	10%	1.81	57- McKinney Creek	1	RESTAURANTS, COCKTAIL LOUNGES
19	HUFF, DOUGLAS A & MELONIE T	675 BEAR ST, KINGS BEACH	Y	090-046-032-000	100%	0.2743	11- Griff Creek	2	COMMERCIAL AUTO SERVICE/FUEL
20	SPANO, ROBERT	8141 Lake Blvd, Kings Beach	Y	090-071-005-000	90%	0.3439	11- Griff Creek	2	HOTELS, MOTELS, RESORTS

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
21	FUHRMANN, FRED L & ANNE, TRS	8199 Lake Blvd, Kings Beach	Y	090-071-017-000	90%	0.2998	11- Griff Creek	2	HOTELS, MOTELS, RESORTS
22	BECHDOLT INVESTMENT GROUP LLC	251 Lake Blvd, Tahoe City	Y	094-020-006-000	1%	36.9853	64- Truckee River	2	GOLF COURSE
23	FULLER, ELLIS W	185 & 205 River Rd, Tahoe City	Y	094-190-004-000	45%	0.2137	64- Truckee River	2	SERVICE STATION
24	RICKMAN STELLA TRUSTEE ET AL	310 River Rd, Tahoe City	Y	094-190-021-000	100%	0.4569	64- Truckee River	2	SERVICE STATION
25	C & J COX CORPORATION	300 River Rd, Tahoe City	Y	094-190-025-000	95%	0.5534	64- Truckee River	2	MINI-MARKET WITH GAS
26	TAHOE CITY PUBLIC UTILITY DIST	?? Lake Blvd, Tahoe City	Y	094-540-002-000	5%	1.0727	64- Truckee River	2	GOLF COURSE
27	BECHDOLT INVESTMENT GROUP LLC	No address on file, Tahoe City	Y	094-540-003-000	0%	4.1002	64- Truckee River	2	GOLF COURSE
28	BECHDOLT INVESTMENT GROUP LLC	No address on file, Tahoe City	Y	094-540-011-000	0%	2.7412	64- Truckee River	2	GOLF COURSE
29	STATE OF CALIFORNIA	?? River Rd, Tahoe City	Y	094-540-016-000		2.7529	64- Truckee River	2	RESTAURANTS, COCKTAIL LOUNGES
30	BELLS RIVER PROPERTIES	25, 27 & 55 Lake Blvd, Tahoe City	Y	094-540-023-000	50%	0.9149	64- Truckee River	2	MISCELLANEOUS COMM'L

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
31	FULLER, ELLIS W	205 River Rd, Tahoe City	Y	094-540-024-000	45%	0.2806	64- Truckee River	2	MISCELLANEOUS COMM'L
32	BRIDGETENDER LLC	75 Lake Blvd, Tahoe City	Y	094-540-025-000	60%	0.5821	64- Truckee River	2	RESTAURANTS, COCKTAIL LOUNGES
33	FASSBENDER, FRANZ & UTE	760 River Rd, Tahoe City	Y	095-110-022-000		1.2457	64- Truckee River	2	RESTAURANTS, COCKTAIL LOUNGES
34	PARSON, WILLEM GEORGE C, TRS &	725 Granlibakken Dr, No address on file, Tahoe City	Y	095-481-011-000	85%	0.9326	64- Truckee River	2	HOTELS, MOTELS, RESORTS
35	PARSON, WILLEM G & NORMA M	725 Granlibakken Dr, Tahoe City	Y	095-490-041-000	2%	0.5648	64- Truckee River	2	HOTELS, MOTELS, RESORTS
36	TAHOE INVESTMENT ASSOCIATES	6845 Lake Blvd, Tahoma	Y	098-200-024-000	80%	1.531	56- General Creek	2	HOTELS, MOTELS, RESORTS
37	WHITE, CLARENCE R & ULRIKE K	6820 Pine St, Tahoma	Y	098-200-027-000	80%	0.1722	56- General Creek	2	HOTELS, MOTELS, RESORTS
38	WHITE, CLARENCE R & ULRIKE K	6821 Lake Blvd, Tahoma	Y	098-200-029-000	80%	0.4341	56- General Creek	2	RESTAURANTS, COCKTAIL LOUNGES
39	WHITE, CLARENCE R & ULRIKE K	6829 Lake Blvd, Tahoma	Y	098-200-030-000	80%	0.2124	56- General Creek	2	HOTELS, MOTELS, RESORTS
40	SHERMAN HOMES INC	No address on file	Y	098-200-038-000	5%	0.5684	56- General Creek	2	MINI-MARKET WITH GAS

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
41	KUHN, GEORGE P & MARIAN M, TRUSTEES	7000 Lake Blvd, Tahoma	Y	098-210-015-000	0%	0.9472	56- General Creek	2	HOTELS, MOTELS, RESORTS
42	MULTON, ALLEN & PATRICIA	6941 Lake Blvd, Tahoma	Y	098-210-024-000	80%	0.5437	56- General Creek	2	HOTELS, MOTELS, RESORTS
43	WATKINS, WILLIAM D & DENISE P, TRUSTEES	6980 Lake Blvd, Tahoma	Y	098-210-031-000	80%	0.9405	56- General Creek	2	HOTELS, MOTELS, RESORTS
44	L&H & BOYS LLC	No address on file, Tahoe Vista	Y	112-010-010-000	0%	29.2645	11- Griff Creek	2	GOLF COURSE
45	L&H & BOYS LLC	No address on file, Tahoe Vista	Y	112-190-041-000	0%	0.2323	11- Griff Creek	2	GOLF COURSE
46	L&H & BOYS LLC	?? Shore Blvd, Kings Beach	Y	112-190-048-000	0%	5.0922	11- Griff Creek	2	GOLF COURSE
47	RED WOLF LAKESIDE LODGE L P	7630 Lake Blvd, Tahoe Vista	Y	117-140-008-000	90%	1.6558	11- Griff Creek	2	HOTELS, MOTELS, RESORTS
48	MEINTZ, EDWARD G & NANCY D	7699 Lake Blvd, Tahoe Vista	Y	117-150-014-000	0%	0.9644	11- Griff Creek	2	HOTELS, MOTELS, RESORTS
49	LANZA, JOSEPH S, ET AL	7739 Lake Blvd, Tahoe Vista	Y	117-150-039-000	50%	1.9467	11- Griff Creek	2	RESTAURANTS, COCKTAIL LOUNGES
50	L&H & BOYS LLC	No address on file, Kings Beach	Y	117-160-009-000	0%	3.8599	11- Griff Creek	2	GOLF COURSE

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
51	STATE OF CALIFORNIA	No address on file, Kings Beach	Y	117-160-011-000	0%	0.401	11- Griff Creek	2	GOLF COURSE
52	SAFEWAY INC	No address on file	Y	117-160-018-000	100%	1.2907	11- Griff Creek	2	GOLF COURSE
53	L&H & BOYS LLC	No address on file	Y	117-160-019-000	1%	10.2277	11- Griff Creek	2	GOLF COURSE
54	ZYDNER, JANICE GARDINER, TRUSTEE	8001 Lake Blvd, Kings Beach	Y	117-180-007-000	100%	0.178	11- Griff Creek	2	SERVICE STATION
55	L&H & BOYS LLC	No address on file	Y	117-180-008-000	0%	0.1721	11- Griff Creek	2	GOLF COURSE
56	L&H & BOYS LLC	7999 Lake Blvd, Tahoe Vista	Y	117-180-009-000	0%	0.5414	11- Griff Creek	2	GOLF COURSE
57	SAFEWAY INC	No address on file, Tahoe Vista	Y	117-180-010-000	15%	1.1897	11- Griff Creek	2	GOLF COURSE
58	NORTH TAHOE STATION INC	8070 Lake Blvd, Kings Beach	Y	117-180-012-000	0%	0.234	11- Griff Creek	2	MINI-MARKET WITH GAS
59	L&H & BOYS LLC	No address on file	Y	117-190-038-000	0%	3.6673	11- Griff Creek	2	GOLF COURSE
60	SAFEWAY INC	No address on file	Y	117-200-014-000	20%	1.3229	11- Griff Creek	2	GOLF COURSE

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
61	L&H & BOYS LLC	400 Brassie Ave & No address on file, Tahoe Vista	Y	117-200-046-000	1%	3.551	11- Griff Creek	2	GOLF COURSE
62	L&H & BOYS LLC	400 Brassie Ave, Tahoe Vista	Y	117-200-047-000	25%	0.8348	11- Griff Creek	2	GOLF COURSE
63	HURTADO, NANCY, TRUSTEE ET AL	385 Deer St, Kings Beach	Y	090-064-012-000	80%	0.2158	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
64	PRITCHARD, JEFFREY M	8358 Steelhead Ave, Kings Beach	Y	090-066-003-000	50%	0.1419	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
65	KIRBY, MARGARET	441 Bear St, Kings Beach	Y	090-066-004-000	15%	0.5313	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
66	KAYO & BRANDON LIMITED PARTNERSHIP	8159 Lake Blvd, Kings Beach	Y	090-071-019-000	90%	0.2014	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
67	LAFERRIERE, BRYANT H & LANAY A, TRUSTEES ,ET AL	8299 Lake Blvd, Kings Beach	Y	090-071-029-000	25%	0.2979	12- Kings Beach	3	SERVICE STATION
68	DATT, ISHWAR	8203 Lake Blvd, Kings Beach	Y	090-071-033-000	95%	0.297	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
69	IGARASHI, GEOFFREY L, ET AL	8092 Lake Blvd, Kings Beach	Y	090-072-002-000	90%	0.1744	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
70	RUTKOWSKI, DONALD J, TRUSTEE ,ET AL	8106 Lake Blvd, Kings Beach	Y	090-072-003-000	85%	0.1203	12- Kings Beach	3	RESTAURANTS, COCKTAIL LOUNGES

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
71	FERRARI INVESTMENT LLC	8194 Lake Blvd, Kings Beach	Y	090-072-006-000	100%	0.2478	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
72	FERRARI CORPORATION	8226 Lake Blvd, Kings Beach	Y	090-072-009-000	100%	0.2011	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
73	PATEL, ANIL C & NAYNA	8308 Lake Blvd, Kings Beach	Y	090-072-026-000	95%	0.2905	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
74	FERRARI CORPORATION	8200 Lake Blvd, Kings Beach	Y	090-072-027-000	100%	0.2814	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
75	HODGSON, FREDRICK W & LINDA H	8258 Lake Blvd, Kings Beach	Y	090-072-028-000	100%	0.4425	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
76	LAFERRIERE, BRYANT H & LANAY A, TRUSTEES	1020 Squaw Valley Rd, Olympic Valley & 8268 Lake Blvd, Kings Beach	Y	090-072-029-000	100%	0.2956	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
77	LAFERRIERE, BRYANT H & LANAY A, TRUSTEES	8290 Lake Blvd, Kings Beach	Y	090-072-030-000	100%	0.3318	12- Kings Beach	3	RESTAURANTS, COCKTAIL LOUNGES
78	FERRARI INVESTMENT LLC	8178 Brockway Vista Ave, Kings Beach	Y	090-073-005-000	100%	0.2868	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
79	FERRARI CORPORATION	8200 Brockway Vista Ave, Kings Beach	Y	090-073-006-000	100%	0.2213	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
80	FERRARI INVESTMENT LLC	8216 Brockway Vista Ave, Kings Beach	Y	090-073-007-000	100%	0.2119	12- Kings Beach	3	HOTELS, MOTELS, RESORTS

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
81	MOSHY ,RAYMOND J & LESLIE C, ET AL	8315 Trout Ave, Kings Beach	Y	090-074-002-000	95%	0.8547	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
82	CHAVEZJUAREZ, MIGUEL ANGEL, ET AL	279 Bear St, Kings Beach	Y	090-074-008-000	90%	0.2155	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
83	HOLLERBACH, MARK	265 Bear St, Kings Beach	Y	090-074-009-000	95%	0.2881	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
84	MOSHY, RAYMOND J & LESLIE C, ET AL	8305 Trout Ave, Kings Beach	Y	090-074-018-000		0.2872	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
85	ATKINSON BERNARD, JOHN & CAROL SUE, TRS	8370 Trout Ave, Kings Beach	Y	090-075-016-000	95%	0.1443	12- Kings Beach	3	AUTO SALES, REPAIR
86	SAUERHAUS INC	8369 Lake Blvd, Kings Beach	Y	090-075-017-000	95%	0.246	12- Kings Beach	3	MINI-MARKET WITH GAS
87	MOORE, BARBARA JEANNE, TRUSTEE	8345 Lake Blvd, Kings Beach	Y	090-075-018-000	85%	0.1676	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
88	SAUERHAUS INC	No address on file	Y	090-075-020-000	100%	0.1116	12- Kings Beach	3	MINI-MARKET WITH GAS
89	STATE OF CALIFORNIA	8398 Lake Blvd, Kings Beach	Y	090-080-006-000	100%	0.2865	12- Kings Beach	3	SERVICE STATION
90	STATE OF CALIFORNIA	No address on file, Kings Beach	Y	090-080-022-000	50%	0.3248	12- Kings Beach	3	CAMPS & PARKS, GENERAL

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
91	SAYLER, HOWARD & PHYLLIS, TRUSTEES	8593 Speckled Ave, Kings Beach	Y	090-091-035-000	30%	0.362	12- Kings Beach	3	AUTO SALES, REPAIR
92	BURDICK, RANDY G & LINDA T, TRUSTEES	8545 Cutthroat Ave, Kings Beach	Y	090-092-041-000	85%	0.2851	12- Kings Beach	3	AUTO SALES, REPAIR
93	BERVID, JOHN J & LYNDA E, TRUSTEES	8483 Cutthroat Ave, Kings Beach	Y	090-092-045-000	80%	0.2846	12- Kings Beach	3	AUTO SALES, REPAIR
94	THOMPSON, EMERSON E JR, TR &	379 Fox St, Kings Beach	Y	090-116-006-000	80%	0.2846	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
95	THOMPSON, EMERSON E JR, TR &	8691 Rainbow Ave, Kings Beach	Y	090-116-024-000	70%	0.0712	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
96	GARDINER, JAMES P, ET AL	8489 Trout Ave, Kings Beach	Y	090-121-019-000	10%	0.2203	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
97	CATRON, LINDA SUE	8591 Lake Blvd, Kings Beach	Y	090-123-011-000	90%	0.1753	12- Kings Beach	3	RESTAURANTS, COCKTAIL LOUNGES
98	JOHNSON, ROBERT A	8501 Lake Blvd, Kings Beach	Y	090-123-018-000	100%	0.0712	12- Kings Beach	3	RESTAURANTS, COCKTAIL LOUNGES
99	SCHNEIDER, MICHAEL J & DEBORAH L	8697 Lake Blvd, Kings Beach	Y	090-133-010-000	100%	0.2042	12- Kings Beach	3	RESTAURANTS, COCKTAIL LOUNGES
100	WIGHTMAN, KEVIN, TRUSTEE ET AL	8700 Lake Blvd, Kings Beach	Y	090-134-029-000	100%	0.2932	12- Kings Beach	3	FAST FOOD RESTAURANT

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
101	SABLE, ARTHUR J JR & MISCHEL G	8762 Lake Blvd, Kings Beach	Y	090-142-007-000	80%	0.2494	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
102	PATEL, ANIL C & NAYNA A	8742 Lake Blvd, Kings Beach	Y	090-142-023-000	90%	0.7037	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
103	GARDINER, JAMES P	8748 Lake Blvd, Kings Beach	Y	090-142-026-000	100%	0.3578	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
104	HINDS, JOE H	8721 Minnow Ave, Kings Beach	Y	090-191-022-000		0.0705	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
105	HINDS, JOE H	210 Fox St, Kings Beach	Y	090-191-023-000	25%	0.2126	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
106	DORAN, JOHN J & DONNA S, TRUSTEES	8703 Lake Blvd, Kings Beach	Y	090-192-001-000	50%	0.0422	12- Kings Beach	3	RESTAURANTS, COCKTAIL LOUNGES
107	PARDINI GENERAL PARTNERSHIP	8717 Lake Blvd, Kings Beach	Y	090-192-004-000	75%	0.1127	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
108	WALDMAN/WEGENER INCORPORATED	8765 Lake Blvd, Kings Beach	Y	090-192-017-000	0%	0.0755	12- Kings Beach	3	SERVICE STATION
109	KBT INC	8797 Lake Blvd, Kings Beach	Y	090-192-041-000	100%	0.2138	12- Kings Beach	3	SERVICE STATION
110	FRANKLIN, CHARLES H & ALIECE P, TRUSTEES	221 Chipmunk St, Kings Beach	Y	090-192-053-000		0.3601	12- Kings Beach	3	HOTELS, MOTELS, RESORTS

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
111	CALIENTE BUILDING	8791 Lake Blvd, Kings Beach	Y	090-192-056-000	100%	0.3249	12- Kings Beach	3	RESTAURANTS, COCKTAIL LOUNGES
112	SMITH, SUSAN F	8863 Lake Blvd, Kings Beach	Y	090-222-007-000		0.5211	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
113	Y6 MOTEL LLC	8931 Lake Blvd, Kings Beach	Y	090-222-012-000	33%	0.2727	12- Kings Beach	3	HOTELS, MOTELS, RESORTS
114	FENECH, EUGENE J & MARILYN J, TRUSTEES	2311 Lake Blvd, Tahoe City	Y	093-020-016-000		3.1904	3- Barton Creek	3	HOTELS, MOTELS, RESORTS
115	RITCHEY, GEORGE P	2760 Lake Forest Rd, Tahoe City	Y	093-036-017-000	80%	0.154	4- Lake Forest Creek	3	AUTO SALES, REPAIR
116	HEUGA, PASCAL, TRUSTEE ,ET AL	2898 Lake Forest Rd, Tahoe City	Y	093-042-016-000	90%	0.4315	4- Lake Forest Creek	3	AUTO SALES, REPAIR
117	HUNTER, WILLIAM J & HEIDI A	2905 Lake Forest Rd, Tahoe City	Y	093-052-001-000	100%	0.5416	4- Lake Forest Creek	3	RESTAURANTS, COCKTAIL LOUNGES
118	KASS, WALTER P, TRUSTEE ET AL	350 & 351 Lake Blvd, Tahoe City	Y	094-070-007-000	100%	0.0642	1- Tahoe State Park	3	RESTAURANTS, COCKTAIL LOUNGES
119	TAHOE INN INVESTMENT GROUP	425 Lake Blvd, Tahoe City	Y	094-070-009-000	100%	0.1988	1- Tahoe State Park	3	RESTAURANTS, COCKTAIL LOUNGES
120	BECHDOLT, BERNADETTE, TRUSTEE ET AL	435 & 455 Lake Blvd, Tahoe City	Y	094-070-010-000	100%	1.2004	1- Tahoe State Park	3	HOTELS, MOTELS, RESORTS

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
121	MOTSENBOCKER, KARI O, TRUSTEE	571 Lake Blvd, Tahoe City	Y	094-080-004-000	100%	0.1737	1- Tahoe State Park	3	RESTAURANTS, COCKTAIL LOUNGES
122	DYER, TERRY, ET AL	521 Lake Blvd, Tahoe City	Y	094-080-011-000	100%	0.2834	1- Tahoe State Park	3	RESTAURANTS, COCKTAIL LOUNGES
123	SOMERS, JOHN S & MINDY A	790 Lake Blvd, Tahoe City	Y	094-090-001-000	90%	0.4813	1- Tahoe State Park	3	HOTELS, MOTELS, RESORTS
124	DAL, DOUGLAS & KATHLEEN	640 Lake Blvd, Tahoe City	Y	094-090-041-000	50%	0.2977	1- Tahoe State Park	3	RESTAURANTS, COCKTAIL LOUNGES
125	PEPPER TREE INN	645 Lake Blvd, Tahoe City	Y	094-110-009-000	100%	0.5502	1- Tahoe State Park	3	HOTELS, MOTELS, RESORTS
126	LAKE OF THE SKY PROPERTIES INC	955 Lake Blvd, Tahoe City	Y	094-130-004-000	90%	1.0361	1- Tahoe State Park	3	HOTELS, MOTELS, RESORTS
127	SIERRA CREST COMPANY	877 Lake Blvd, Tahoe City	Y	094-130-008-000	100%	0.5536	1- Tahoe State Park	3	RESTAURANTS, COCKTAIL LOUNGES
128	SITKOFF, BARRY & TERRIE, ET AL	1255 Lake Blvd, Tahoe City	Y	094-150-002-000	50%	0.2338	2- Burton Creek	3	HOTELS, MOTELS, RESORTS
129	STATE OF CALIFORNIA	10 Lake Blvd, Tahoe City	Y	094-190-029-000	0%	0.0355	1- Tahoe State Park	3	FAST FOOD RESTAURANT
130	STATE OF CALIFORNIA	10 Lake Blvd, Tahoe City	Y	094-190-029-000	0%	0.0355	1- Tahoe State Park	3	FAST FOOD RESTAURANT

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
131	BRALY, RUTH E, TRUSTEE	4830 Sacramento Ave, 4835 Sans Souci Te, Homewood	Y	097-082-013-000		0.4189	61- Eagle Rock	3	HOTELS, MOTELS, RESORTS
132	BRALY, RUTH E, TRUSTEE	4840 Sacramento Ave, Homewood	Y	097-082-014-000	0%	0.4174	61- Eagle Rock	3	HOTELS, MOTELS, RESORTS
133	BRALY, RUTH E, TRUSTEE	4815 Lake Blvd, Homewood	Y	097-083-002-000	0%	0.9156	61- Eagle Rock	3	HOTELS, MOTELS, RESORTS
134	CATES, ELVERA	4925 Sans Souci Te, Homewood	Y	097-092-005-000	0%	0.4037	61- Eagle Rock	3	AUTO SALES, REPAIR
135	STATE OF CALIFORNIA	No address on file, Tahoe Vista	Y	112-010-011-000	0%	8.1218	10- Tahoe Vista	3	GOLF COURSE
136	STATE OF CALIFORNIA	No address on file, Tahoe Vista	Y	112-010-012-000	0%	3.3741	10- Tahoe Vista	3	GOLF COURSE
137	KLEIN, JOSHUA RICHARD, TRUSTEE	5239 Lake Blvd, Carnelian Bay	Y	115-030-026-000		0.3228	9- Carnelian Canyon	3	RESTAURANTS, COCKTAIL LOUNGES
138	FREEMAN, MARK R, TRUSTEE ET AL	5240 Lake Blvd, Carnelian Bay	Y	115-030-034-000		0.5318	9- Carnelian Canyon	3	HOTELS, MOTELS, RESORTS
139	HELTON, JOHN W & MICHIKO, TRUSTEES	201 Carnelian Bay Rd, Carnelian Bay	Y	115-040-050-000	75%	0.4234	9- Carnelian Canyon	3	HOTELS, MOTELS, RESORTS
140	THE TAHOE DUNES ASSOCIATION	No address on file	Y	117-072-017-000	3%	0.9419	10- Tahoe Vista	3	HOTELS, MOTELS, RESORTS

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
141	PRZYBYSLAWSKI, PETER & BEATA	7035 Lake Blvd, Tahoe Vista	Y	117-100-023-000	90%	0.6927	10- Tahoe Vista	3	HOTELS, MOTELS, RESORTS
142	BOORAS, GEORGE & ANGELA	7081 Lake Blvd, Tahoe Vista	Y	117-100-026-000	75%	0.3952	10- Tahoe Vista	3	HOTELS, MOTELS, RESORTS
143	COHEN, MARTIN A & BARBARA M, TRUSTEES	7170 Lake Blvd, Tahoe Vista	Y	117-110-008-000	50%	0.2531	10- Tahoe Vista	3	HOTELS, MOTELS, RESORTS
144	TAHOE VISTA INN & MARINA LLC	7220 Lake Blvd, Tahoe Vista	Y	117-110-014-000	100%	0.2493	10- Tahoe Vista	3	RESTAURANTS, COCKTAIL LOUNGES
145	MCCARTHY, PATRICIA A, TRUSTEE ET AL	7238 Lake Blvd, Tahoe Vista	Y	117-110-015-000	80%	0.099	10- Tahoe Vista	3	RESTAURANTS, COCKTAIL LOUNGES
146	PATTERSON ALVINA TRUSTEE	7276 Lake Blvd, Tahoe Vista	Y	117-110-019-000	75%	0.3578	10- Tahoe Vista	3	HOTELS, MOTELS, RESORTS
147	WALSH FAMILY LLC	7320 Lake Blvd, Tahoe Vista	Y	117-110-060-000	90%	0.785	10- Tahoe Vista	3	RESTAURANTS, COCKTAIL LOUNGES
148	TUTTLE, MARSHALL & JANET TRUSTEES	241 Agatam Ave, Tahoe Vista	Y	117-130-010-000		0.5825	10- Tahoe Vista	3	HOTELS, MOTELS, RESORTS
149	BATE, RUSSELL M & MARY L	242 Aluna Ave, Tahoe Vista	Y	117-130-011-000	0%	0.4462	10- Tahoe Vista	3	HOTELS, MOTELS, RESORTS
150	BATE, RUSSELL M & MARY L	7435 Lake Blvd, Tahoe Vista	Y	117-130-014-000	30%	0.1917	10- Tahoe Vista	3	HOTELS, MOTELS, RESORTS

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
151	TUTTLE, MARSHALL & JANET TRUSTEES	7449 Lake Blvd, Tahoe Vista	Y	117-130-016-000	50%	0.6866	10- Tahoe Vista	3	HOTELS, MOTELS, RESORTS
152	L&H & BOYS LLC	No address on file, Kings Beach	Y	117-160-007-000	0%	7.7281	10- Tahoe Vista	3	GOLF COURSE
153	STATE OF CALIFORNIA	No address on file, Kings Beach	Y	117-160-008-000	0%	38.2341	10- Tahoe Vista	3	GOLF COURSE
154	STATE OF CALIFORNIA	No address on file, Kings Beach	Y	117-160-010-000	0%	0.6888	10- Tahoe Vista	3	GOLF COURSE
155	WITTELS, KENNETH A & MICHELE L	710 Tahoe St, Tahoe City	NN	094-110-016-000		0.1195	1- Tahoe State Park	3	OFFICE GENERAL
1	LAKE TAHOE PARK ASSOC TRUSTEE	1700 Sequoia Ave, Tahoe City	N	083-100-003-000	5%	3.0485	63- Ward Creek	1	MARINA, PIER
2	WILSON, RICHARD J, TR	1760 Lake Blvd, Tahoe City	N	083-108-011-000	33%	0.2491	63- Ward Creek	1	OFFICE GENERAL
3	WILLIAMS, DONALD F & SHIRLEY P	1316 Lake Blvd, Tahoe City	N	083-162-016-000	3%	0.6877	63- Ward Creek	1	MARINA, PIER
4	TALMONT RESORT IMPROVEMENT DISTRICT	487 Club Dr, Tahoe City	N	083-340-031-000	0%	0.7221	63- Ward Creek	1	LODGES, HALLS
5	SUNNYSIDE RESORT INC ET AL	1995 Lake Blvd, Tahoe City	N	084-140-026-000	75%	1.0915	63- Ward Creek	1	PARKING LOTS

Tahoe Basin
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6	TAHOE SUNNYSIDE	1835 Lake Blvd, Tahoe City	N	084-140-027-000	50%	1.7544	63- Ward Creek	1	MARINA, PIER
7	SKYLAND HOMEOWNERS ASSOC.	No address on file	N	085-260-013-000	0%		62- Blackwood Creek	1	MARINA, PIER
8	BLUTH, CHARES	9954 COVE AVE, KINGS BEACH	N	090-304-013-000	0%	0.1683	13- East Stateline Point	1	VACANT COMMERCIAL
9	NICHOLS, ANN MARIE, TRUSTEE	201 State Line Rd, Kings Beach	N	090-304-019-000	100%	0.2211	13- East Stateline Point	1	OFFICE GENERAL
10	NICHOLS, ANN MARIE, TRUSTEE	205 State Line Rd, Kings Beach	N	090-304-021-000	33%	0.161	13- East Stateline Point	1	OFFICE GENERAL
11	NAMCAL LLC	9962 State Line Ave, Kings Beach	N	090-305-015-000	100%	0.9319	13- East Stateline Point	1	PARKING LOTS
12	TAHOE BILTMORE INC	9982 State Line Ave, Kings Beach	N	090-305-016-000	100%	0.3825	13- East Stateline Point	1	PARKING LOTS
13	UNITED STATES OF AMERICA	NO ADDRESS ON FILE ,	N	094-180-069-000	0%	12.8547	63- Ward Creek	1	VACANT COMMERCIAL
14	HYCHE, JOHN & LESLIE	LAKE BLVD, TAHOE CITY	N	094-200-026-000	0%	0.1529	63- Ward Creek	1	VACANT COMMERCIAL
15	HYCHE, JOHN & LESLIE	LAKE BLVD, TAHOE CITY	N	094-200-027-000	0%	0.2851	63- Ward Creek	1	VACANT COMMERCIAL

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16	HYCHE, JOHN & LESLIE	NO ADDRESS ON FILE , TAHOE CITY	N	094-200-029-510	0%	0.1978	63- Ward Creek	1	VACANT COMMERCIAL
17	HYCHE, JOHN & LESLIE	NO ADDRESS ON FILE , TAHOE CITY	N	094-200-037-510	0&	0.1978	63- Ward Creek	1	VACANT COMMERCIAL
18	HYCHE, JOHN & LESLIE	LAKE BLVD, TAHOE CITY	N	094-200-050-000	0%	0.6405	63- Ward Creek	1	VACANT COMMERCIAL
19	305 WEST LAKE BOULEVARD LLC	305 Lake Blvd, Tahoe City	N	094-200-052-000	0%	0.0828	63- Ward Creek	1	OFFICE GENERAL
20	BRIGGS, WILLIAM E & JOYCE S	565 Lake Blvd, Tahoe City	N	094-240-004-000	45%	1.0567	63- Ward Creek	1	OFFICE GENERAL
21	ACHIRO, SILVANO & CAROL A, ET AL	645 Lake Blvd, Tahoe City	N	094-240-008-000	75%	1.1418	63- Ward Creek	1	OFFICE GENERAL
22	LEAGUE TO SAVE LAKE TAHOE	LAKE BLVD, TAHOE CITY	N	094-240-011-000	0%	0.5914	63- Ward Creek	1	VACANT COMMERCIAL
23	COMSTOCK BUILDING LLC	605 Lake Blvd, Tahoe City	N	094-240-012-000	75%	0.4602	63- Ward Creek	1	OFFICE GENERAL
24	ZAGARI, SAL S, ET AL	150 Lake Blvd, Tahoe City	N	094-540-020-000	25%	0.9258	63- Ward Creek	1	BANKS, S&L'S, CREDIT UNION
25	LOS ESTEROS ASSOCIATES	NO ADDRESS ON FILE ,	N	097-121-012-000	0%	0.4967	60- Madden Creek	1	COMMERCIAL OFFICE

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
26	LOS ESTEROS ASSOCIATES	NO ADDRESS ON FILE ,	N	097-121-013-000	0%	0.4973	60- Madden Creek	1	COMMERCIAL OFFICE
27	HOMEWOOD MARINA	5110 Lake Blvd, Homewood	N	097-130-027-000	25%	0.4868	60- Madden Creek	1	OFFICE GENERAL
28	OBEXER FAMILY LLC	5375 Lake Blvd, Homewood	N	097-153-006-000	60%	0.2535	60- Madden Creek	1	OFFICE GENERAL
29	HOMEWOOD MOUNTAIN PARTNERS LLC	100 Tahoe Ski Bowl Way, Homewood	N	097-170-013-000	5%	0.5662	59- Homewood Creek	1	PARKING LOTS
30	HOMEWOOD MOUNTAIN PARTNERS LLC	475 & 495 Tahoe Ski Bowl Way, Homewood	N	097-210-024-000	5%	0.7958	59- Homewood Creek	1	PARKING LOTS
31	WARNER, JACK C & FRAN, TRUSTEES ET AL	6220 Lake Blvd, Tahoma	N	098-041-003-000	25%	0.1683	57- McKinney Creek	1	MARINA, PIER
32	MOANA BEACH PROPERTY OWNERS	?? Moana Cir.	N	098-191-011-000	10%	0.4306	57- McKinney Creek	1	MARINA, PIER
33	STATE OF CALIFORNIA	No address on file	N	098-330-004-000		6.3855	57- McKinney Creek	1	OFFICE CONDOMINIUM
34	STATE OF CALIFORNIA	6300 CHAMBERS LODGE RD, TAHOMA	N	098-330-016-000	0%	0.3355	57- McKinney Creek	1	VACANT COMMERCIAL
35	WITTLINGER, PETER P	8235 SPECKLED AVE, KINGS BEACH	N	090-041-011-000	50%	0.1451	11- Griff Creek	2	VACANT COMMERCIAL

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Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
36	FELTE, CALVIN JON	SPECKLED AVE, KINGS BEACH	N	090-041-021-000	33%	0.16	11- Griff Creek	2	VACANT COMMERCIAL
37	REASEV LLC	8399 SPECKLED AVE, KINGS BEACH	N	090-041-023-000	97%	0.1619	11- Griff Creek	2	VACANT COMMERCIAL
38	WITTLINGER, PETER P	8241 SPECKLED AVE, KINGS BEACH	N	090-041-036-000	80%	0.1476	11- Griff Creek	2	VACANT COMMERCIAL
39	STATE OF CALIFORNIA	599 WOLF ST, KINGS BEACH	N	090-042-003-000	0%	0.2314	11- Griff Creek	2	VACANT COMMERCIAL
40	KUEHNE, MARK J & LILY M	NO ADDRESS ON FILE , KINGS BEACH	N	090-042-005-000	25%	0.0847	11- Griff Creek	2	VACANT COMMERCIAL
41	STATE OF CALIFORNIA	NO ADDRESS ON FILE , KINGS BEACH	N	090-042-006-000	0%	0.3978	11- Griff Creek	2	VACANT COMMERCIAL
42	STATE OF CALIFORNIA	8229 CUTTHROAT AVE, KINGS BEACH	N	090-044-016-000	0%	0.2754	11- Griff Creek	2	VACANT COMMERCIAL
43	STATE OF CALIFORNIA	8102 SPECKLED AVE, KINGS BEACH	N	090-044-017-000	0%	0.5239	11- Griff Creek	2	VACANT COMMERCIAL
44	MOORE FELICIA A	8216 SPECKLED AVE, KINGS BEACH	N	090-044-019-000		0.1996	11- Griff Creek	2	VACANT COMMERCIAL
45	MOORE, BARBARA JEANNE, TRUSTEE	8252 SPECKLED AVE, KINGS BEACH	N	090-044-021-000		0.1351	11- Griff Creek	2	VACANT COMMERCIAL

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Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
46	STATE OF CALIFORNIA	8103 CUTTHROAT AVE, KINGS BEACH	N	090-044-024-000	0%	0.4111	11- Griff Creek	2	VACANT COMMERCIAL
47	STATE OF CALIFORNIA	8217 CUTTHROAT AVE, KINGS BEACH	N	090-044-025-000	0%	0.5419	11- Griff Creek	2	VACANT COMMERCIAL
48	STATE OF CALIFORNIA	8172 SPECKLED AVE, KINGS BEACH	N	090-044-026-000	0%	0.3305	11- Griff Creek	2	VACANT COMMERCIAL
49	SULLIVAN, MICHAEL R	8327 CUTTHROAT AVE, KINGS BEACH	N	090-046-019-000		0.1449	11- Griff Creek	2	VACANT COMMERCIAL
50	WRIGHT, ROBERT J	8370 SPECKLED AVE, KINGS BEACH	N	090-046-030-000		0.1394	11- Griff Creek	2	VACANT COMMERCIAL
51	McCORMICK, ROBERT	NO ADDRESS ON FILE , KINGS BEACH	N	090-046-037-000		0.1455	11- Griff Creek	2	VACANT COMMERCIAL
52	STATE OF CALIFORNIA	563 WOLF ST, KINGS BEACH	N	090-051-004-000		0.3683	11- Griff Creek	2	VACANT COMMERCIAL
53	STATE OF CALIFORNIA	8258 CUTTHROAT AVE, KINGS BEACH	N	090-053-010-000		0.1409	11- Griff Creek	2	VACANT COMMERCIAL
54	KAYO & BRANDON LIMITED PARTNERSHIP	8158 Rainbow Ave, Kings Beach	N	090-071-006-000	90%	0.0714	11- Griff Creek	2	PARKING LOTS
55	FUHRMANN, FRED L & ANNE, TRS	8200 RAINBOW AVE, KINGS BEACH	N	090-071-008-000		0.1412	11- Griff Creek	2	VACANT COMMERCIAL

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Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
56	REA-SEV LLC	712 BEAR ST, KINGS BEACH	N	090-091-021-000	97%	0.1694	11- Griff Creek	2	VACANT COMMERCIAL
57	REA-SEV LLC	8435 SPECKLED AVE, KINGS BEACH	N	090-091-023-000	20%	0.1714	11- Griff Creek	2	VACANT COMMERCIAL
58	OLCESE, TILLIO III	8445 SPECKLED AVE, KINGS BEACH	N	090-091-024-000	0%	0.1725	11- Griff Creek	2	VACANT COMMERCIAL
59	WRIGHT, ROBERT J	8489 SPECKLED AVE, KINGS BEACH	N	090-091-031-000	0%	0.1749	11- Griff Creek	2	VACANT COMMERCIAL
60	WRIGHT, ROBERT J	8495 SPECKLED AVE, KINGS BEACH	N	090-091-032-000	15%	0.0878	11- Griff Creek	2	VACANT COMMERCIAL
61	TAHOE CITY PUBLIC UTILITY DIST	330 Fairway Dr, Tahoe City	N	094-060-012-000	30%	0.934	64- Truckee River	2	LODGES, HALLS
62	BELL, JUDITH A, TRUSTEE ET AL	600 River Rd, Tahoe City	N	094-180-024-000	95%	0.9153	64- Truckee River	2	PARKING LOTS
63	BELL, JUDITH A, TRUSTEE ET AL	195 River Rd, Tahoe City	N	094-190-005-000	10%	0.1083	64- Truckee River	2	PARKING LOTS
64	DAVIS GOTT LANDHOLDINGS LLC	135 Lake Blvd & 165 River Rd, Tahoe City	N	094-190-006-000	70%	0.1424	64- Truckee River	2	OFFICE GENERAL
65	COUNTY OF PLACER	NO ADDRESS ON FILE , TAHOE CITY	N	094-190-022-000	95%	0.0491	64- Truckee River	2	VACANT COMMERCIAL

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
66	COUNTY OF PLACER	200 RIVER RD, TAHOE CITY	N	094-190-026-000	0%	3.62	64- Truckee River	2	VACANT COMMERCIAL
67	TAHOE CITY PUBLIC UTILITY DIST	215 Lake Blvd, No adress on file, Tahoe City	N	094-540-001-000	50%	0.0659	64- Truckee River	2	PARKING LOTS
68	FULLER, E NICK	241, 243 & 245 Lake Blvd, Tahoe City	N	094-540-004-000	100%	0.7061	64- Truckee River	2	OFFICE GENERAL
69	AFG PROPERTIES	215 Lake Blvd, Tahoe City	N	094-540-010-000	99%	0.6756	64- Truckee River	2	BANKS, S&L'S, CREDIT UNION
70	DEVORE, BRYAN, ET AL	700 River Rd, Tahoe City	N	095-110-009-000	5%	0.2785	64- Truckee River	2	OFFICE GENERAL
71	SIERRA LUNA LLC	RIVER RD,	N	095-140-015-000	0%	0.0646	64- Truckee River	2	VACANT COMMERCIAL
72	MCKINNEY SHORES PROPERTY ASSOC	No address on file	N	097-191-001-000	0%	1.163	58- Quail Lake Creek	2	MARINA, PIER
73	CALIFORNIA ST AUTO ASSN	7717 Lake Blvd, Tahoe Vista	N	117-150-038-000	90%	0.4304	11- Griff Creek	2	OFFICE GENERAL
74	COUNTY OF PLACER	8031 LAKE BLVD, KINGS BEACH	N	117-180-005-000	0%	1.392	11- Griff Creek	2	VACANT COMMERCIAL
75	SCHENK, EUGENE F JR.	144 CHIPMUNK ST, KINGS BEACH	N	090-033-007-000	100%	0.0215	12- Kings Beach	3	VACANT COMMERCIAL

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Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
76	FAIR, JEANNE EHRHART ET AL	8233 RAINBOW AVE, KINGS BEACH	N	090-064-029-000		0.1404	12- Kings Beach	3	COMMERCIAL OFFICE
77	KAYO & BRANDON LIMITED PARTNERSHIP	8186 RAINBOW AVE, KINGS BEACH	N	090-071-031-000		0.1412	12- Kings Beach	3	VACANT COMMERCIAL
78	KAYO & BRANDON LIMITED PARTNERSHIP	8166 RAINBOW AVE, KINGS BEACH	N	090-071-032-000	20%	0.0709	12- Kings Beach	3	VACANT COMMERCIAL
79	MOOSE AND SQUIRREL LLC	8130 Lake Blvd, Kings Beach	N	090-072-004-000	100%	0.0544	12- Kings Beach	3	OFFICE GENERAL
80	MOONEY, FRANK F & CHRISTINE M	8096 Lake Blvd, Kings Beach	N	090-072-017-000	100%	0.0872	12- Kings Beach	3	OFFICE GENERAL
81	MOONEY, FRANK F & CHRISTINE M	NO ADDRESS ON FILE , KINGS BEACH	N	090-072-018-000	50%	0.0296	12- Kings Beach	3	VACANT COMMERCIAL
82	MOOSE AND SQUIRREL LLC	8150 LAKE BLVD, KINGS BEACH	N	090-072-023-000		0.066	12- Kings Beach	3	VACANT COMMERCIAL
83	LAKE TAHOE LABOR TEMPLE ASSN	296 Deer St, Kings Beach	N	090-074-001-000	85%	0.1421	12- Kings Beach	3	LODGES, HALLS
84	RISSONE, PETER VINCENT ET AL	8384 RAINBOW AVE, KINGS BEACH	N	090-074-007-000		0.1434	12- Kings Beach	3	VACANT COMMERCIAL
85	MONFORTE, SALVATORE JR. TRUSTEE ET AL	8365 TROUT AVE, KINGS BEACH	N	090-074-013-000	0%	0.1437	12- Kings Beach	3	VACANT COMMERCIAL

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
86	MONFORTE, SALVATORE JR. TRUSTEE ET AL	TROUT AVE, KINGS BEACH	N	090-074-021-000	0%	0.036	12- Kings Beach	3	VACANT COMMERCIAL
87	HOLLERBACH, MARK	TROUT AVE, KINGS BEACH	N	090-074-022-000	0%	0.036	12- Kings Beach	3	VACANT COMMERCIAL
88	TOUGAS, DORIS G TRUSTEE ET AL	8338 LAKE BLVD, KINGS BEACH	N	090-080-001-000	75%	0.2339	12- Kings Beach	3	VACANT COMMERCIAL
89	TOUGAS, DORIS G TRUSTEE ET AL	8354 LAKE BLVD, KINGS BEACH	N	090-080-002-000	50%	0.2119	12- Kings Beach	3	VACANT COMMERCIAL
90	STATE OF CALIFORNIA	NO ADDRESS ON FILE , KINGS BEACH	N	090-080-005-000	100%	0.1178	12- Kings Beach	3	VACANT COMMERCIAL
91	STATE OF CALIFORNIA	NO ADDRESS ON FILE , KINGS BEACH	N	090-080-007-000	50%	0.5744	12- Kings Beach	3	VACANT COMMERCIAL
92	STATE OF CALIFORNIA	No address on file, Kings Beach	N	090-080-013-000	0%	0.7828	12- Kings Beach	3	MARINA, PIER
93	FAIRWAY EXCAVATING INC.	8444 SPECKLED AVE, KINGS BEACH	N	090-092-031-000		0.1363	12- Kings Beach	3	VACANT COMMERCIAL
94	FAIRWAY EXCAVATING INC.	8462 SPECKLED AVE, KINGS BEACH	N	090-092-032-000		0.273	12- Kings Beach	3	VACANT COMMERCIAL
95	FAIRWAY EXCAVATING INC.	8516 SPECKLED AVE, KINGS BEACH	N	090-092-034-000	70%	0.1371	12- Kings Beach	3	VACANT COMMERCIAL

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Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
96	McQUATTERS, WILLIAM F & PAULA RICHARDS	NO ADDRESS ON FILE ,	N	090-092-042-000	85%	0.0688	12- Kings Beach	3	VACANT COMMERCIAL
97	FAIRWAY EXCAVATING INC.	SPECKLED AVE, KINGS BEACH	N	090-092-043-000	70%	0.0687	12- Kings Beach	3	VACANT COMMERCIAL
98	McQUATTERS, WILLIAM F & PAULA RICHARDS	NO ADDRESS ON FILE , KINGS BEACH	N	090-092-046-000	100%	0.0688	12- Kings Beach	3	VACANT COMMERCIAL
99	McQUATTERS, WILLIAM F & PAULA RICHARDS	NO ADDRESS ON FILE , KINGS BEACH	N	090-092-048-000	100%	0.0689	12- Kings Beach	3	VACANT COMMERCIAL
100	SERGI, JAMES	8697 SPECKLED AVE, KINGS BEACH	N	090-093-004-000		0.3938	12- Kings Beach	3	VACANT COMMERCIAL
101	FERRARI, DAVID J	8641 SPECKLED AVE KINGS BEACH	N	090-093-015-000		0	12- Kings Beach	3	VACANT COMMERCIAL
102	FERRARI, DAVID J	8519 SPECKLED AVE, KINGS BEACH	N	090-093-016-000		0	12- Kings Beach	3	VACANT COMMERCIAL
103	FERRARI, DAVID J	8661 SPECKLED AVE, KINGS BEACH	N	090-093-017-000		0	12- Kings Beach	3	VACANT COMMERCIAL
104	STATE OF CALIFORNIA	8667 SPECKLED AVE, KINGS BEACH	N	090-093-018-000	0%	0.3771	12- Kings Beach	3	VACANT COMMERCIAL
105	RONALD LIVING TRUST	8689 CUTTHROAT AVE, KINGS BEACH	N	090-094-005-000		0.1411	12- Kings Beach	3	VACANT COMMERCIAL

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Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
106	LEARY, WILLIAM B & ANTOINETTE M	8663 CUTTHROAT AVE, KINGS BEACH	N	090-094-011-000	0%	0.1422	12- Kings Beach	3	VACANT COMMERCIAL
107	STATE OF CALIFORNIA	8644 SPECKLED AVE, KINGS BEACH	N	090-094-022-000	0%	1.4722	12- Kings Beach	3	VACANT COMMERCIAL
108	LEARY, WILLIAM B & ANTOINETTE M	NO ADDRESS ON FILE , KINGS BEACH	N	090-094-025-000	25%	0.0709	12- Kings Beach	3	VACANT COMMERCIAL
109	LINGREN, CHRISTIAN K & KATHERINE M	8684 STEELHEAD AVE, KINGS BEACH	N	090-115-057-000	0%	0.1437	12- Kings Beach	3	VACANT COMMERCIAL
110	TREUENFELS, HANSPETER P F	8428 Trout Ave, Kings Beach	N	090-122-001-000	50%	0.4363	12- Kings Beach	3	OFFICE GENERAL
111	REDEVELOPMENT AGENCY OF THE COUNTY OF PLACER	8445 BROOK AVE, KINGS BEACH	N	090-122-019-000		0.2917	12- Kings Beach	3	VACANT COMMERCIAL
112	STATE OF CALIFORNIA	8581 BROOK AVE, KINGS BEACH	N	090-122-022-000	0%	0.1387	12- Kings Beach	3	VACANT COMMERCIAL
113	BERGMANN, JOHN R, ET AL	8461 BROOK AVE, KINGS BEACH	N	090-122-025-000		0.1463	12- Kings Beach	3	VACANT COMMERCIAL
114	BERGMANN, JOHN R, ET AL	NO ADDRESS ON FILE , KINGS BEACH	N	090-122-026-000	100%	0.1465	12- Kings Beach	3	VACANT COMMERCIAL
115	TREUENFELS, HAMSPETER P F	8423 Brook Ave, Kings Beach	N	090-122-027-000	33%	0.1396	12- Kings Beach	3	PARKING LOTS

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
116	TREUENFELS, HANSPETER P F	200 Bear St, Kings Beach	N	090-122-028-000	33%	0.1393	12- Kings Beach	3	BANKS, S&L'S, CREDIT UNION
117	SCHNEIDER, MICHAEL J ET AL	NO ADDRESS ON FILE , KINGS BEACH	N	090-122-035-000		0.0735	12- Kings Beach	3	VACANT COMMERCIAL
118	SCHNEIDER, MICHAEL J ET AL	NO ADDRESS ON FILE , KINGS BEACH	N	090-122-036-000	0%	0.0734	12- Kings Beach	3	VACANT COMMERCIAL
119	SCHNEIDER, MICHAEL J	8515 BROOK AVE, KINGS BEACH	N	090-122-037-000		0.1755	12- Kings Beach	3	VACANT COMMERCIAL
120	KING BUILDING LLC	8401, 8421, 8445 Lake Blvd, Kings Beach	N	090-123-001-000	100%	0.2267	12- Kings Beach	3	OFFICE GENERAL
121	MELIN, RAGNAR A JR & ANITA S, TRS	LAKE BLVD, KINGS BEACH	N	090-123-019-000	100%	0.0274	12- Kings Beach	3	VACANT COMMERCIAL
122	KIGHTLY, DENNIS L & KAREN, TRUSTEES	8500 BROOK AVE, KINGS BEACH	N	090-123-021-000	100%	0.0841	12- Kings Beach	3	VACANT COMMERCIAL
123	PLUMAS BANK	649 Lincoln Way, 8475 Lake Blvd, Kings Beach	N	090-123-024-000	90%	0.2068	12- Kings Beach	3	BANKS, S&L'S, CREDIT UNION
124	BRUENING, DAVID P & BARBARA L, TRUSTEES	BROOK AVE, KINGS BEACH	N	090-123-025-000	10%	0.0439	12- Kings Beach	3	VACANT COMMERCIAL
125	REDEVELOPMENT AGENCY OF THE COUNTY OF PLACER	SALMON AVE, KINGS BEACH	N	090-126-020-000	0%	0.2927	12- Kings Beach	3	VACANT COMMERCIAL

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Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
126	COUNTY OF PLACER	8665 Salmon Ave, Kings Beach	N	090-126-025-000	8%	0.3271	12- Kings Beach	3	OFFICE GENERAL
127	SCHNEIDER, MICHAEL	229 FOX ST, KINGS BEACH	N	090-133-009-000	0%	0.1622	12- Kings Beach	3	VACANT COMMERCIAL
128	HUNTER JOHN W JR. ET AL	8676 LAKE BLVD, KINGS BEACH	N	090-134-007-000	0%	0.1893	12- Kings Beach	3	VACANT COMMERCIAL
129	PANELLI, MARY DELAMARE TRUSTEE	BROCKWAY VISTA AVE, KINGS BEACH	N	090-134-019-000	0%	0.1737	12- Kings Beach	3	VACANT COMMERCIAL
130	BOVE, CARMINE & JOYCE L, TRUSTEES	8692 Lake Blvd, Kings Beach	N	090-134-039-000	10%	0.1924	12- Kings Beach	3	OFFICE GENERAL
131	BOVE, CARMINE & JOYCE L , TRUSTEES	8694 LAKE BLVD, KINGS BEACH	N	090-134-042-000		0.2962	12- Kings Beach	3	VACANT COMMERCIAL
132	ROCKWOOD, ROBERT K & CYNTHIA A	NO ADDRESS ON FILE ,	N	090-134-044-000		0.0877	12- Kings Beach	3	VACANT COMMERCIAL
133	EVERETT, GEORGE CARL JR & ANDREA, CECILLE, TRUSTEES	8716 LAKE BLVD, KINGS BEACH	N	090-142-001-000	0%	0.2095	12- Kings Beach	3	VACANT COMMERCIAL
134	EVERETT, GEORGE CARL JR & ANDREA, CECILLE, TRUSTEES	8720 LAKE BLVD, KINGS BEACH	N	090-142-002-000	0%	0.3117	12- Kings Beach	3	VACANT COMMERCIAL
135	EVERETT, GEORGE CARL JR & ANDREA, CECILLE, TRUSTEES	8723 BROCKWAY VISTA AVE, KINGS BEACH	N	090-142-011-000	15%	0.1697	12- Kings Beach	3	VACANT COMMERCIAL

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
136	MACSWAIN, NEIL & LORRAINE K	8707 Lake Blvd, Kings Beach	N	090-192-002-000	100%	0.0654	12- Kings Beach	3	THEATER, BOWLING ALLEY
137	LANE, WILLIAM M & LILY P, TRUSTEES	MINNOW AVE, KINGS BEACH	N	090-192-027-000	0%	0.0232	12- Kings Beach	3	VACANT COMMERCIAL
138	PACIFIC TELEPHONE & TELEGRAPH	8741 MINNOW AVE, KINGS BEACH	N	090-192-030-000	0%	0.3428	12- Kings Beach	3	VACANT COMMERCIAL
139	KBT INC	8793 Lake Blvd, Kings Beach	N	090-192-055-000	100%	0.098	12- Kings Beach	3	PARKING LOTS
140	REDEVELOPMENT AGENCY OF THE COUNTY OF PLACER	NO ADDRESS ON FILE ,	N	090-192-058-000	0%	0.0761	12- Kings Beach	3	VACANT COMMERCIAL
141	REDEVELOPMENT AGENCY OF THE COUNTY OF PLACER	NO ADDRESS ON FILE ,	N	090-192-059-000	0%	0.0743	12- Kings Beach	3	VACANT COMMERCIAL
142	REDEVELOPMENT AGENCY OF THE COUNTY OF PLACER	NO ADDRESS ON FILE ,	N	090-192-060-000	0%	0.0694	12- Kings Beach	3	VACANT COMMERCIAL
143	GRANT WOLF INC	8755 LAKE BLVD, KINGS BEACH	N	090-192-061-000	0%	0.34	12- Kings Beach	3	VACANT COMMERCIAL
144	COUNTY OF PLACER	8766 LAKE BLVD, KINGS BEACH	N	090-221-001-000	0%	0.2289	12- Kings Beach	3	VACANT COMMERCIAL
145	NLB 8784 LLC	8776 LAKE BLVD, KINGS BEACH	N	090-221-013-000	0%	0.1575	12- Kings Beach	3	VACANT COMMERCIAL

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
146	NLB 8784 LLC	LAKE BLVD, KINGS BEACH	N	090-221-014-000	100%	0.081	12- Kings Beach	3	VACANT COMMERCIAL
147	JOHNSON, BRADLEY W & CARMEN M	8790 Lake Blvd, Kings Beach	N	090-221-018-000	80%	0.1031	12- Kings Beach	3	OFFICE GENERAL
148	RIDGEWOOD PROP OWNERS ASSOC	4520 Lake Blvd, Carnelian Bay	N	091-165-005-000	5%	0.2405	6- Ceder Flats	3	MARINA, PIER
149	LAKE FOREST #3 PROP OWN ASSN	3670 Lake Blvd, Carnelian Bay	N	092-120-032-000	33%	1.3788	6- Ceder Flats	3	MARINA, PIER
150	CORDA, JOHN S & JANICE M, TRUSTEES ET AL	2695 Lake Forest Rd, Tahoe City	N	093-032-012-000	5%	0.3045	4- Lake Forest Creek	3	OFFICE GENERAL
151	LOCKE, MARVIN E	2575 LAKE FOREST RD, TAHOE CITY	N	093-032-018-000	0%	0.1217	4- Lake Forest Creek	3	VACANT COMMERCIAL
152	SPOHR, MARK H & DEBORAH L	2690 Lake Forest Rd, Tahoe City	N	093-033-009-000	75%	0.1344	3- Barton Creek	3	OFFICE GENERAL
153	MELIN, RAGNAR A JR & ANITA S, TRS	2600 Lake Forest Rd, Tahoe City	N	093-033-012-000		0.2323	4- Lake Forest Creek	3	OFFICE GENERAL
154	SCHENK, EUGENE F JR.	2620 LAKE FOREST RD, TAHOE CITY	N	093-033-015-000		0.1163	4- Lake Forest Creek	3	VACANT COMMERCIAL
155	STATE OF CALIFORNIA	2790 HILLCREST AVE, TAHOE CITY	N	093-035-004-000	0%	0.2849	4- Lake Forest Creek	3	VACANT COMMERCIAL

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
156	RITCHEY, GEORGE P	2750 LAKE FOREST RD, TAHOE CITY	N	093-036-009-000	0%	0.156	4- Lake Forest Creek	3	VACANT COMMERCIAL
157	ELLS, BRUCE D, ET AL	NO ADDRESS ON FILE ,	N	093-036-013-000	0%	0.3867	4- Lake Forest Creek	3	VACANT COMMERCIAL
158	HOUSE, KAREN J, ET AL	2790 Lake Forest Rd, Tahoe City	N	093-036-020-000	75%	0.2768	4- Lake Forest Creek	3	OFFICE GENERAL
159	ERICSON, MICHAEL A & PATRICE G TRUSTEES	NO ADDRESS ON FILE ,	N	093-042-019-000	0%	0.0597	4- Lake Forest Creek	3	VACANT COMMERCIAL
160	TAHOE CITY PUBLIC UTILITY DIST	2900 LAKE FOREST RD, TAHOE CITY	N	093-043-002-000	20%	0.2993	4- Lake Forest Creek	3	VACANT COMMERCIAL
161	THOMPON, PETER R & SALLY JEAN D TRUSTEES	HILLCREST AVE,	N	093-051-001-000	0%	0.1248	4- Lake Forest Creek	3	VACANT COMMERCIAL
162	ROSA, JAMES J & STEPHANIE A TRUSTEES	NO ADDRESS ON FILE ,	N	093-051-004-000	0%	0.3299	4- Lake Forest Creek	3	VACANT COMMERCIAL
163	GIFFORD, PETER J	HILLCREST AVE,	N	093-051-010-000	0%	0.1352	4- Lake Forest Creek	3	VACANT COMMERCIAL
164	RODRICK, CHARLES DAVID TR &	2933 Lake Forest Rd, Tahoe City	N	093-051-016-000	75%	0.1936	5- Dollar Creek	3	OFFICE GENERAL
165	EDINBURG, JUDITH V, TRUSTEE ET AL	?? Lake Forest Rd, Tahoe City	N	093-051-018-000	100%	0.2166	4- Lake Forest Creek	3	PARKING LOTS

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
166	CARLSON, GARRETT REYMENT	2929 Lake Forest Rd, Tahoe City	N	093-052-003-000	90%	0.6565	5- Dollar Creek	3	WAREHOUSE
167	NARLOCK, AUGUST C JR & DELAINAH	2907 Lake Forest Rd, Tahoe City	N	093-052-009-000	90%	0.5122	4- Lake Forest Creek	3	WAREHOUSE
168	STATE OF CALIFORNIA	No address on file	N	093-060-001-000	0%	3.2799	5- Dollar Creek	3	MARINA, PIER
169	DOLLAR POINT HOMEOWNERS ASSOC	3150 Edgewater Dr, Tahoe City	N	093-072-006-000	15%	2.6013	5- Dollar Creek	3	MARINA, PIER
170	TAHOE CITY FIRE DIST	159 Observation Dr, Tahoe City	N	093-114-002-000	80%	0.2872	5- Dollar Creek	3	MISC. PUBLIC BUILDINGS
171	SCHALLER, JOHN A & EDWINA M	3092 Lake Blvd, Tahoe City	N	093-130-009-000	10%	0.2871	4- Lake Forest Creek	3	OFFICE GENERAL
172	SCHALLER, JOHN A & EDWINA M	3092 Lake Blvd, Tahoe City	N	093-130-010-000		0.2867	4- Lake Forest Creek	3	OFFICE GENERAL
173	PARKER, MARGARET, PENNIMAN ET AL	3090 Lake Blvd, Tahoe City	N	093-130-011-000	90%	0.572	4- Lake Forest Creek	3	OFFICE GENERAL
174	DOLLAR HILL PROFESSIONAL BUILDING	3000 Lake Blvd, Tahoe City	N	093-130-014-000	40%	1.1475	4- Lake Forest Creek	3	OFFICE GENERAL
175	BERTAGNOLLI, ETTORE S, TRUSTEE	2980 LAKE BLVD, TAHOE CITY	N	093-130-015-000		0.7644	4- Lake Forest Creek	3	VACANT COMMERCIAL

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Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
176	CLAMAN ROBERT EDWARD & KATHLEEN BRADY TRS	3020 Lake Blvd, Tahoe City	N	093-130-021-000		0.6143	4- Lake Forest Creek	3	OFFICE GENERAL
177	STATE OF CALIFORNIA	3150 LAKE BLVD, TAHOE CITY	N	093-130-045-000	0%	1.6738	4- Lake Forest Creek	3	VACANT COMMERCIAL
178	BRAUN, DUDLEY E, TRUSTEE	3220 Lake Blvd, Tahoe City	N	093-160-048-000	50%	0.1788	5- Dollar Creek	3	OFFICE GENERAL
179	LOMBARD, JOSEPH F, ET AL	3190 Fabian Way, Tahoe City	N	093-203-010-000	75%	0.8418	5- Dollar Creek	3	OFFICE GENERAL
180	MARKS, H ELEANOR, TRUSTEE ET AL	3101 LAKE FOREST RD, TAHOE CITY	N	093-411-013-000	100%	0.0111	4- Lake Forest Creek	3	COMMERCIAL OFFICE
181	MOANA LAND CORPORATION	3600 LAKE BLVD, CARNELIAN BAY	N	093-610-003-000	5%	0.0281	5- Dollar Creek	3	COMMERCIAL OFFICE
182	CHANNEL LUMBER CO	780 Lake Blvd, Tahoe City	N	094-090-027-000	33%	0.4368	1- Tahoe State Park	3	PARKING LOTS
183	TAHOE YACHT HARBOR LLC	?? Lake Blvd, Tahoe City	N	094-090-030-000	0%	0.4786	1- Tahoe State Park	3	PARKING LOTS
184	TAHOE YACHT HARBOR LLC	?? Lake Blvd, Tahoe City	N	094-090-031-000	0%	0.338	1- Tahoe State Park	3	PARKING LOTS
185	TAHOE YACHT HARBOR LLC	No address on file, Tahoe City	N	094-090-034-000	80%	0.8389	1- Tahoe State Park	3	PARKING LOTS

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
186	CHANNEL LUMBER CO	NO ADDRESS ON FILE , TAHOE CITY	N	094-090-036-000	100%	0.0649	1- Tahoe State Park	3	COMMERCIAL OFFICE
187	ONEAL, RAYMOND E, TRUSTEE	660 Lake Blvd, Tahoe City	N	094-090-040-000		0.2987	1- Tahoe State Park	3	OFFICE GENERAL
188	COUNTY OF PLACER	570 LAKE BLVD, TAHOE CITY	N	094-090-044-000	0%	0.7513	1- Tahoe State Park	3	VACANT COMMERCIAL
189	CORDA, JOHN S & JANICE M, TRUSTEES ,ET AL	210 Grove St, Tahoe City	N	094-110-001-000	25%	0.1401	1- Tahoe State Park	3	OFFICE GENERAL
190	GORDON HOOPER REAL ESTATE INC	210 GROVE ST, TAHOE CITY	N	094-110-001-000		0.1401	1- Tahoe State Park	3	VACANT COMMERCIAL
191	GORDON HOOPER REAL ESTATE INC	695 Lake Blvd, Tahoe City	N	094-110-010-000	10%	0.1549	1- Tahoe State Park	3	OFFICE GENERAL
192	SPERBER, HARRY & SUSAN E, TRUSTEES	705 Lake Blvd, Tahoe City	N	094-110-024-000	90%	0.6022	1- Tahoe State Park	3	BANKS, S&L'S, CREDIT UNION
193	GORDON HOOPER REAL ESTATE INC	NO ADDRESS ON FILE , TAHOE CITY	N	094-110-025-000	0%	0.7275	1- Tahoe State Park	3	VACANT COMMERCIAL
194	GORDON HOOPER REAL ESTATE INC	NO ADDRESS ON FILE , TAHOE CITY	N	094-110-025-000	0%	0.7275	1- Tahoe State Park	3	VACANT COMMERCIAL
195	KEITH TAHOE INVESTMENTS	855 & 925 Lake Blvd, Tahoe cIty	N	094-130-001-000	10%	0.9984	1- Tahoe State Park	3	OFFICE GENERAL

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
196	ROCKY RIDGE PROP OWNERS ASSOC	1877 Lake Blvd, Tahoe City	N	094-140-050-000	10%	1.4437	2- Burton Creek	3	OFFICE GENERAL
197	STATE OF CALIFORNIA	2500 Lake Forest Rd, Tahoe City	N	094-140-061-000	0%	8.9237	2- Burton Creek	3	MARINA, PIER
198	SHELTON FAMILY LLC	1225 Lake Blvd, Tahoe City	N	094-150-001-000	25%	0.2594	2- Burton Creek	3	OFFICE GENERAL
199	READ, RICHARD B & GLORIA B, TRS	1295 Lake Blvd, Tahoe City	N	094-150-003-000	50%	0.2337	2- Burton Creek	3	OFFICE GENERAL
200	SERRANO, JOSEPH Y & COREEN L	1325 Lake Blvd, Tahoe City	N	094-150-004-000	50%	0.2337	2- Burton Creek	3	OFFICE GENERAL
201	GOLDBECK, ROBERT E &	1335 Lake Blvd, Tahoe City	N	094-150-005-000	75%	0.2337	2- Burton Creek	3	OFFICE GENERAL
202	ESKIND, NEIL A & SUE L	1345 Lake Blvd, Tahoe City	N	094-150-006-000	50%	0.2337	2- Burton Creek	3	OFFICE GENERAL
203	ROGERS, JOHN	1355 Lake Blvd, Tahoe City	N	094-150-007-000	50%	0.2337	2- Burton Creek	3	OFFICE GENERAL
204	STATE OF CALIFORNIA	1310 Lake Blvd, Tahoe City	N	094-150-015-000	0%	1.1554	2- Burton Creek	3	MARINA, PIER
205	ROCKY RIDGE PROP OWNERS ASSOC	180 Sierra Terrace Rd, Tahoe City	N	094-150-017-000	33%	0.4412	2- Burton Creek	3	MARINA, PIER

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
206	SPOHR, MARK H & DEBORAH L	90 Bristlecone St, Tahoe City	N	094-171-001-000	25%	0.1961	4- Lake Forest Creek	3	PARKING LOTS
207	SWIGARD, STEPHEN G & KATHLEEN A, TRS	140 Mackinaw Rd, Tahoe City	N	094-190-015-000	25%	0.2686	1- Tahoe State Park	3	OFFICE GENERAL
208	CATES, ELVERA	4945 SANS SOUCI TE, HOMEWOOD	N	097-092-006-000	0%	0.8141	61- Eagle Rock	3	VACANT COMMERCIAL
209	T & G RENTALS LLC	4915 Lake Blvd, Homewood	N	097-093-007-000	25%	0.2307	61- Eagle Rock	3	OFFICE GENERAL
210	T & G RENTALS LLC	4917 Lake Blvd, Homewood	N	097-093-011-000	75%	0.2364	61- Eagle Rock	3	OFFICE GENERAL
760	NORTHSTAR MOUNTAIN PROPERTIES LLC	No address on file	N	110-080-059-000	80%	48.2886	10- Tahoe Vista	3	PARKING LOTS
761	TRIMONT LAND HOLDINGS INC	NO ADDRESS ON FILE ,	N	110-080-063-000	0%	2.3303	10- Tahoe Vista	3	VACANT COMMERCIAL
762	NORTHSTAR IRON HORSE LLC	NO ADDRESS ON FILE ,	N	110-080-065-000	80%	0.3633	10- Tahoe Vista	3	VACANT COMMERCIAL
763	NORTHSTAR MOUNTAIN PROPERTIES LLC	6001 NORTHSTAR DR, TRUCKEE	N	110-080-070-000	100%	1.0456	10- Tahoe Vista	3	VACANT COMMERCIAL
764	NORTHSTAR MOUNTAIN PROPERTIES LLC	3007 SILVER STRIKE , TRUCKEE	N	110-080-071-000	100%	0.0105	10- Tahoe Vista	3	VACANT COMMERCIAL

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
765	NORTHSTAR BIG HORN LLC	NO ADDRESS ON FILE ,	N	110-080-072-000		3.8	10- Tahoe Vista	3	VACANT COMMERCIAL
766	TRIMONT LAND COMPANY	NO ADDRESS ON FILE ,	N	110-080-075-000	0%	41.0416	10- Tahoe Vista	3	VACANT COMMERCIAL
767	TRIMONT LAND COMPANY	NO ADDRESS ON FILE ,	N	110-250-009-000	0%	1.317	10- Tahoe Vista	3	VACANT COMMERCIAL
768	NORTHSTAR IRON HORSE LLC	1900 Village Dr, Truckee	N	110-250-010-000	90%	1.9386	10- Tahoe Vista	3	OFFICE GENERAL
769	KINGSWOOD VILLAGE P O A	NO ADDRESS ON FILE , KINGS BEACH	N	111-150-026-000	0%	1.6444	10- Tahoe Vista	3	VACANT COMMERCIAL
770	KINGSWOOD VILLAGE P O A	NO ADDRESS ON FILE , KINGS BEACH	N	111-150-029-000	0%	0.0241	10- Tahoe Vista	3	VACANT COMMERCIAL
771	VIDOR, BELA M TRUSTEE	1001 COMMONWEALTH DR, KINGS BEACH	N	111-220-025-000	90%	0.0172	10- Tahoe Vista	3	COMMERCIAL OFFICE
772	MEERSCHAERT, GUY A & KIMBERLY SUE ET AL	7011 NORTH AVE, TAHOE VISTA	N	112-050-008-000	50%	0.9223	10- Tahoe Vista	3	VACANT COMMERCIAL
773	SUBURBAN PROPANE L P	540 GUN CLUB RD, TAHOE VISTA	N	112-050-012-000	20%	0.3013	10- Tahoe Vista	3	VACANT COMMERCIAL
774	SUBURBAN PROPANE L P	540 Gun Club Rd, Tahoe Vista	N	112-050-013-000	90%	0.1528	10- Tahoe Vista	3	OFFICE GENERAL

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
775	STATE OF CALIFORNIA	TIGER AVE, TAHOE VISTA	N	112-110-019-000	0%	0.2906	10- Tahoe Vista	3	VACANT COMMERCIAL
776	STATE OF CALIFORNIA	IRIS AVE, TAHOE VISTA	N	112-110-027-000	0%	1.0941	10- Tahoe Vista	3	VACANT COMMERCIAL
777	MCCLURE, DAVID R & IRENE M	NO ADDRESS ON FILE ,	N	112-110-034-000	0%	0.5843	10- Tahoe Vista	3	VACANT COMMERCIAL
778	MARSH VENTURES INC	NO ADDRESS ON FILE ,	N	112-120-001-000	0%	0.0733	10- Tahoe Vista	3	VACANT COMMERCIAL
779	MARSH VENTURES INC	NO ADDRESS ON FILE ,	N	112-120-003-000	0%	0.0733	10- Tahoe Vista	3	VACANT COMMERCIAL
780	STATE OF CALIFORNIA	NO ADDRESS ON FILE ,	N	112-120-008-000	0%	0.0732	10- Tahoe Vista	3	VACANT COMMERCIAL
781	STATE OF CALIFORNIA	NO ADDRESS ON FILE ,	N	112-120-010-000	0%	0.0733	10- Tahoe Vista	3	VACANT COMMERCIAL
782	STATE OF CALIFORNIA	NO ADDRESS ON FILE ,	N	112-120-011-000	0%	0.0734	10- Tahoe Vista	3	VACANT COMMERCIAL
783	MARSH VENTURES INC	NO ADDRESS ON FILE ,	N	112-120-033-000	0%	0.2509	10- Tahoe Vista	3	VACANT COMMERCIAL
784	MARSH VENTURES INC	NO ADDRESS ON FILE ,	N	112-120-034-000	0%	0.3673	10- Tahoe Vista	3	VACANT COMMERCIAL

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
785	BLANKSTEIN, JOSEPH TRUST ET AL	NO ADDRESS ON FILE ,	N	112-120-035-000	0%	0.0735	10- Tahoe Vista	3	VACANT COMMERCIAL
786	MARSH VENTURES INC	NO ADDRESS ON FILE ,	N	112-120-068-000	0%	0.2936	10- Tahoe Vista	3	VACANT COMMERCIAL
787	STATE OF CALIFORNIA	NO ADDRESS ON FILE ,	N	112-120-069-000	0%	0.2939	10- Tahoe Vista	3	VACANT COMMERCIAL
788	STATE OF CALIFORNIA	NO ADDRESS ON FILE ,	N	112-120-089-000	0%	0.5137	10- Tahoe Vista	3	VACANT COMMERCIAL
789	STATE OF CALIFORNIA	NO ADDRESS ON FILE ,	N	112-120-090-000	0%	0.2206	10- Tahoe Vista	3	VACANT COMMERCIAL
790	SMITH, PAUL A &	5249 Lake Blvd, Carnelian Bay	N	115-030-025-000		0.2157	9- Carnelian Canyon	3	OFFICE GENERAL
791	GREEN, FRANCES L, ET AL	5229 Lake Blvd, Carnelian Bay	N	115-030-027-000	50%	0.2496	9- Carnelian Canyon	3	OFFICE GENERAL
792	COUNTY OF PLACER	NO ADDRESS ON FILE , CARNELIAN BAY	N	115-030-028-000		0.0249	9- Carnelian Canyon	3	VACANT COMMERCIAL
793	NINO FAMILY LP ET AL	5223 Lake Blvd, Carnelian Bay	N	115-030-029-000	70%	0.2238	9- Carnelian Canyon	3	OFFICE GENERAL
794	NINO FAMILY, LP ET AL	5219 Lake Blvd, Carnelian Bay	N	115-030-031-000	0%	0.0993	9- Carnelian Canyon	3	PARKING LOTS

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
795	STATE OF CALIFORNIA	5209 LAKE BLVD, CARNELIAN BAY	N	115-030-032-000	0%	0.246	9- Carnelian Canyon	3	VACANT COMMERCIAL
796	STATE OF CALIFORNIA	5205 LAKE BLVD, CARNELIAN BAY	N	115-030-033-000	10%	0.2153	9- Carnelian Canyon	3	VACANT COMMERCIAL
797	STATE OF CALIFORNIA	LAKE BLVD, CARNELIAN BAY	N	115-030-039-000	0%	0.1211	9- Carnelian Canyon	3	VACANT COMMERCIAL
798	N TAHOE FIRE PROTECTION DIST	240 CARNELIAN BAY RD, CARNELIAN BAY	N	115-030-041-000	50%	0.0878	9- Carnelian Canyon	3	VACANT COMMERCIAL
799	STATE OF CALIFORNIA	5188 Lake Blvd, Carnelian Bay	N	115-030-052-000	10%	0.5048	9- Carnelian Canyon	3	OFFICE GENERAL
800	BURGE, RICHARD G TRUSTEE	NO ADDRESS ON FILE , CARNELIAN BAY	N	115-030-059-000	50%	0.0439	9- Carnelian Canyon	3	VACANT COMMERCIAL
801	GOOD, DALE L & SHIRLEY J	5009 California St & 5009 Lake Blvd, Carnelian Bay	N	115-040-045-000	50%	0.1263	9- Carnelian Canyon	3	OFFICE GENERAL
802	WYNMAN, ROBERT E & MARY L	215 Carnelian Bay Rd, Carnelian Bay	N	115-040-049-000	80%	0.5137	9- Carnelian Canyon	3	OFFICE MEDICAL/ DENTAL
803	REMPFER ROGER K & DARLENE V TRUSTEES	5020 CALIFORNIA ST, CARNELIAN BAY	N	115-040-054-000	0%	0.0958	9- Carnelian Canyon	3	VACANT COMMERCIAL
804	HANSEN, GERALD V & KERRI A, TRUSTEES	5035 Lake Blvd, Carnelian Bay	N	115-040-078-000	75%	0.2707	9- Carnelian Canyon	3	OFFICE GENERAL

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
805	GARWOOD BUILDING	LAKE BLVD, CARNELIAN BAY	N	115-050-027-000	100%	0.0096	9- Carnelian Canyon	3	VACANT COMMERCIAL
806	GAR WOOD BUILDING	4998 Lake Blvd, Carnelian Bay	N	115-050-029-000	80%	0.2607	9- Carnelian Canyon	3	MARINA, PIER
807	SIMS, STEPHEN L	4991 Lake Blvd, Carnelian Bay	N	115-050-041-000	50%	0.2745	8- Carnelian Bay Creek	3	OFFICE GENERAL
808	NORTH SHORE RESORT REALTY INC	NO ADDRESS ON FILE , TAHOE VISTA	N	117-071-003-000	0%	1.1292	10- Tahoe Vista	3	VACANT COMMERCIAL
809	NORTH TAHOE PUBLIC UTILITY DISTRICT	7055 LAKE BLVD, TAHOE VISTA	N	117-100-024-000	0%	0.1256	10- Tahoe Vista	3	VACANT COMMERCIAL
810	NORTH TAHOE PUBLIC UTILITY DISTRICT	NO ADDRESS ON FILE , TAHOE VISTA	N	117-100-025-000	0%	0.137	10- Tahoe Vista	3	VACANT COMMERCIAL
811	COHEN, MARTIN A & BARBARA M TRUSTEES	7202 LAKE BLVD, TAHOE VISTA	N	117-110-009-000		0.1197	10- Tahoe Vista	3	VACANT COMMERCIAL
812	LAKE CANYON LIMITED PARTNERSHIP	7252 Lake Blvd & No address on file, Tahoe Vista	N	117-110-017-000	100%	0.078	10- Tahoe Vista	3	OFFICE GENERAL
813	LAKE CANYON LIMITED PARTNERSHIP	7260 LAKE BLVD, TAHOE VISTA	N	117-110-018-000		0.232	10- Tahoe Vista	3	VACANT COMMERCIAL
814	WALSH, JAMES R & VIRGINIA A TRUSTEES ,ET AL	NO ADDRESS ON FILE ,	N	117-110-061-000	0%	0.5016	10- Tahoe Vista	3	VACANT COMMERCIAL

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Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
815	TUTTLE, MARSHALL & JANET TRUSTEES	7441 LAKE BLVD, TAHOE VISTA	N	117-130-015-000	50%	0.0822	10- Tahoe Vista	3	VACANT COMMERCIAL
816	WALSH FAMILY LLC	6921 LAKE BLVD, TAHOE VISTA	N	117-130-068-000		0.63	10- Tahoe Vista	3	VACANT COMMERCIAL
817	WALSH FAMILY LLC	7411 Lake Blvd, Tahoe Vista	N	117-130-069-000	2%	0.4244	10- Tahoe Vista	3	PARKING LOTS
818	PORTER, JAMES & MARIANNE, TRS ET AL	12257 Business Park Dr, Truckee	N	??? 808-400-006-000	100%	0.017	?		OFFICE CONDOMINIUM
819	MOANA LAND CORPORATION	300 LAKE BLVD, TAHOE CITY	N	094-290-021-000	0%	0.0766	?		COMMERCIAL OFFICE
820	GREAT BEAR CONDOMINIUM ASSOCIATION	NO ADDRESS AVAILABLE	N	103-010-001-000		1	?		VACANT COMMERCIAL
821	NORTHSTAR VILLAGE ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-010-002-000	100%	0.8387	?		VACANT COMMERCIAL
822	NORTHSTAR VILLAGE ASSOCIATION	NO ADDRESS AVAILABLE	N	103-010-003-000	100%	0.116	?		VACANT COMMERCIAL
823	NORTHSTAR IRON HORSE LLC	5001 NORTHSTAR DR, TRUCKEE	N	103-020-014-000	100%	0.8387	?		VACANT COMMERCIAL
824	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-015-000	100%	0.8387	?		VACANT COMMERCIAL

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
825	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-015-000	100%	0.8387	?		VACANT COMMERCIAL
826	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-016-000	100%	0.8387	?		VACANT COMMERCIAL
827	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-017-000	100%	0.8387	?		VACANT COMMERCIAL
828	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-018-000	100%	0.8387	?		VACANT COMMERCIAL
829	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-019-000	100%	0.8387	?		VACANT COMMERCIAL
830	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-020-000	100%	0.8387	?		VACANT COMMERCIAL
831	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-020-000	100%	0.8387	?		VACANT COMMERCIAL
832	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-021-000	100%	0.8387	?		VACANT COMMERCIAL
833	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-022-000	100%	0.8387	?		VACANT COMMERCIAL
834	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-023-000	100%	0.8387	?		VACANT COMMERCIAL

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
835	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-030-000	100%	0.8387	?		VACANT COMMERCIAL
836	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-031-000	100%	0.8387	?		VACANT COMMERCIAL
837	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-032-000	100%	0.8387	?		VACANT COMMERCIAL
838	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-033-000	100%	0.8387	?		VACANT COMMERCIAL
839	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-034-000	100%	0.8387	?		VACANT COMMERCIAL
840	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-035-000	100%	0.8387	?		VACANT COMMERCIAL
841	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-036-000	100%	0.8387	?		VACANT COMMERCIAL
842	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-037-000	100%	0.8387	?		VACANT COMMERCIAL
843	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-020-038-000	100%	0.8387	?		VACANT COMMERCIAL
844	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-030-008-000	100%	0.8387	?		VACANT COMMERCIAL

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
845	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-030-009-000	100%	0.8387	?		VACANT COMMERCIAL
846	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-030-010-000	100%	0.8387	?		VACANT COMMERCIAL
847	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-030-011-000	100%	0.8387	?		VACANT COMMERCIAL
848	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-030-012-000	100%	0.8387	?		VACANT COMMERCIAL
849	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-030-013-000	100%	0.8387	?		VACANT COMMERCIAL
850	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-030-014-000	100%	0.8387	?		VACANT COMMERCIAL
851	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-030-015-000	100%	0.8387	?		VACANT COMMERCIAL
852	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-030-023-000	100%	0.8387	?		VACANT COMMERCIAL
853	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-030-024-000	100%	0.8387	?		VACANT COMMERCIAL
854	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-030-025-000	100%	0.8387	?		VACANT COMMERCIAL

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
855	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-030-026-000	100%	0.8387	?		VACANT COMMERCIAL
856	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-030-027-000	100%	0.8387	?		VACANT COMMERCIAL
857	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-030-028-000	100%	0.8387	?		VACANT COMMERCIAL
858	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-030-029-000	100%	0.8387	?		VACANT COMMERCIAL
859	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-030-030-000	100%	0.8387	?		VACANT COMMERCIAL
860	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-040-008-000	100%	0.8387	?		VACANT COMMERCIAL
861	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-040-009-000	100%	0.8387	?		VACANT COMMERCIAL
862	GEAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-040-010-000	100%	0.8387	?		VACANT COMMERCIAL
863	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-040-011-000	100%	0.8387	?		VACANT COMMERCIAL
864	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-040-012-000	100%	0.8387	?		VACANT COMMERCIAL

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
865	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-040-013-000	100%	0.8387	?		VACANT COMMERCIAL
866	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-040-014-000	100%	0.8387	?		VACANT COMMERCIAL
867	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-040-015-000	100%	0.8387	?		VACANT COMMERCIAL
868	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-040-017-000	100%	0.8387	?		VACANT COMMERCIAL
869	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-040-018-000	100%	0.8387	?		VACANT COMMERCIAL
870	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-040-019-000	100%	0.8387	?		VACANT COMMERCIAL
871	GEAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-040-020-000	100%	0.8387	?		VACANT COMMERCIAL
872	GREAT BEAR CONDOMINIUM ASSOCIATION	5001 NORTHSTAR DR, TRUCKEE	N	103-040-021-000	100%	0.8387	?		VACANT COMMERCIAL
873	NORTHSTAR IRON HORSE LLC	3001 NORTHSTAR DR, TRUCKEE	N	103-050-001-000	100%	0.028	?		VACANT COMMERCIAL
874	NORTHSTAR IRON HORSE LLC	3001 NORTHSTAR DR, TRUCKEE	N	103-050-002-000	100%	0.028	?		VACANT COMMERCIAL

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
875	IRON HORSE CONDOMINIUM ASSOCIATION	3001 NORTHSTAR DR, TRUCKEE	N	103-060-013-000	100%	0.374	?		VACANT COMMERCIAL
876	IRON HORSE CONDOMINIUM ASSOCIATION	3001 NORTHSTAR DR, TRUCKEE	N	103-060-024-000	100%	0.374	?		VACANT COMMERCIAL
877	NORTHSTAR VILLAGE ASSOCIATION	4001 NORTHSTAR DR, TRUCKEE	N	103-070-001-000	80%	0.5585	?		VACANT COMMERCIAL
878	NORTHSTAR IRON HORSE LLC	4001 NORTHSTAR DR, TRUCKEE	N	103-070-006-000	100%	0.5585	?		COMMERCIAL OFFICE
879	NORTHSTAR IRON HORSE LLC	4001 NORTHSTAR DR, TRUCKEE	N	103-070-007-000	100%	0.5585	?		COMMERCIAL OFFICE
880	IRON HORSE CONDOMINIUM ASSOCIATION	4001 NORTHSTAR DR, TRUCKEE	N	103-070-011-000	100%	0.5585	?		VACANT COMMERCIAL
881	IRON HORSE CONDOMINIUM ASSOCIATION	4001 NORTHSTAR DR, TRUCKEE	N	103-070-012-000	100%	0.5585	?		VACANT COMMERCIAL
882	IRON HORSE CONDOMINIUM ASSOCIATION	4001 NORTHSTAR DR, TRUCKEE	N	103-080-023-000	100%	0.5585	?		VACANT COMMERCIAL
883	IRON HORSE CONDOMINIUM ASSOCIATION	4001 NORTHSTAR DR, TRUCKEE	N	103-090-012-000	100%	0.5585	?		VACANT COMMERCIAL
884	IRON HORSE CONDOMINIUM ASSOCIATION	4001 NORTHSTAR DR, TRUCKEE	N	103-090-024-000	100%	0.5585	?		VACANT COMMERCIAL

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
885		3250 Lake Blvd, Tahoe City	?	093-160-079-000	80%	0.6661	5- Dollar Creek	3	
886		No address on file	?	093-160-080-000	0%	2.6271	4- Lake Forest Creek	3	
887		3205 & 3225 Lake Blvd, Tahoe City	?	093-160-081-000	0%	8.1732	5- Dollar Creek	3	
888	ROVZAR, LEIGH H JR	1780 Lake Blvd, Tahoe City	N	083-108-004-000	70%	0.1135	63- Ward Creek	1	COMMERCIAL STORE
889	TODOROFF, RICHARD G, ET AL	1770 Lake Blvd, Tahoe City	N	083-108-005-000	70%	0.1112	63- Ward Creek	1	COMMERCIAL STORE
890	BST III OWNERS ASSOCIATION INC	9680 Brockway Springs Dr, Kings Beach	N	090-250-035-000	60%	1.8078	13- East Stateline Point	1	TENNIS, SWIMMING CLUBS
891	NAMCAL LLC	9930 WHITE CAP LN, KINGS BEACH	N	090-315-022-000	80%	3.411	13- East Stateline Point	1	MISCELLANEOUS COMM'L
892	305 WEST LAKE BOULEVARD LLC	No address on file, Tahoe City	N	094-180-066-000	100%	0.1834	63- Ward Creek	1	COMMERCIAL STORE
893	STILLWATER DESIGN	319 Lake Blvd, Tahoe City	N	094-200-043-000	30%	0.6933	63- Ward Creek	1	COMMERCIAL STORE
894	HYCHE, JOHN & LESLIE	401 Lake Blvd, Tahoe City	N	094-200-051-000	70%	9.5522	63- Ward Creek	1	COMMERCIAL STORE

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
895	GARDNER, DAVID M & SALLY J, TRUSTEES	315 Lake Blvd, Tahoe City	N	094-200-054-000	55%	0.535	63- Ward Creek	1	MISCELLANEOUS COMM'L
896	MILLER, BARBARA C, TRUSTEE	585 Lake Blvd, Tahoe City	N	094-240-005-000	55%	1.0464	63- Ward Creek	1	COMMERCIAL STORE
897	RUE-ELL ENTERPRISES INC	505 Lake Blvd, 560 Granlibaken Rd, Tahoe City	N	094-240-010-000	60%	1.1605	63- Ward Creek	1	COMMERCIAL STORE
898	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-044-000	5%	59.508	59- Homewood Creek	1	SKI FACILITY
899	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-045-000	5%	4.5672	59- Homewood Creek	1	SKI FACILITY
900	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-052-000	5%	44.8001	59- Homewood Creek	1	SKI FACILITY
901	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-053-000	5%	1.4884	59- Homewood Creek	1	SKI FACILITY
902	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-054-000	5%	2.8165	59- Homewood Creek	1	SKI FACILITY
903	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-055-000	5%	0.4302	59- Homewood Creek	1	SKI FACILITY
904	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-056-000	5%	3.9235	59- Homewood Creek	1	SKI FACILITY

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
905	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-057-000	5%	15.7075	59- Homewood Creek	1	SKI FACILITY
906	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-058-000	5%	11.7952	59- Homewood Creek	1	SKI FACILITY
907	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-059-000	5%	8.7979	59- Homewood Creek	1	SKI FACILITY
908	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-060-000	5%	2.5219	62- Blackwood Creek	1	SKI FACILITY
909	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-061-000	5%	3.0669	59- Homewood Creek	1	SKI FACILITY
910	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-062-000	5%	20.8346	59- Homewood Creek	1	SKI FACILITY
911	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-063-000	5%	10.4756	59- Homewood Creek	1	SKI FACILITY
912	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-064-000	5%	1.0791	59- Homewood Creek	1	SKI FACILITY
913	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-065-000	5%	13.5922	59- Homewood Creek	1	SKI FACILITY
914	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-066-000	5%	8.5045	59- Homewood Creek	1	SKI FACILITY

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
915	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-067-000	5%	1.3707	59- Homewood Creek	1	SKI FACILITY
916	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-068-000	5%	5.9153	60- Madden Creek	1	SKI FACILITY
917	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-069-000	5%	7.174	59- Homewood Creek	1	SKI FACILITY
918	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-070-000	5%	1.6592	59- Homewood Creek	1	SKI FACILITY
919	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-071-000	5%	5.9631	59- Homewood Creek	1	SKI FACILITY
920	HOMEWOOD MOUNTAIN PARTNERS LLC	500 Tahoe Ski Bowl Way, Homewood	N	097-050-072-000	5%	5.2362	59- Homewood Creek	1	SKI FACILITY
921	JAY LLC	No address on file	N	097-050-073-000	5%	162.448	62- Blackwood Creek	1	SKI FACILITY
922	JAY LLC	No address on file	N	097-050-074-000	5%	196.729	62- Blackwood Creek	1	SKI FACILITY
923	JAY LLC	No address on file	N	097-050-075-000	5%	218.375	62- Blackwood Creek	1	SKI FACILITY
924	UNITED STATES OF AMERICA	No address on file	N	097-060-013-000	5%	39.6287	62- Blackwood Creek	1	SKI FACILITY

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
925	JAY LLC	No address on file	N	097-060-016-000	5%	0.8808	60- Madden Creek	1	SKI FACILITY
611	UNITED STATES OF AMERICA	No address on file	N	097-060-018-000	5%	181.581	60- Madden Creek	1	SKI FACILITY
612	JAY LLC	No address on file	N	097-060-020-000	5%	22.9741	60- Madden Creek	1	SKI FACILITY
613	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-060-021-000	5%	25.0301	60- Madden Creek	1	SKI FACILITY
614	JAY LLC	No address on file	N	097-060-022-000	5%	19.871	60- Madden Creek	1	SKI FACILITY
615	JAY LLC	No address on file	N	097-060-023-000	5%	36.6532	60- Madden Creek	1	SKI FACILITY
616	JAY LLC	No address on file	N	097-060-024-000	5%	4.4286	60- Madden Creek	1	SKI FACILITY
617	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-060-025-000	5%	12.2155	60- Madden Creek	1	SKI FACILITY
618	UNITED STATES OF AMERICA	No address on file	N	097-060-027-000	5%	54.9637	62- Blackwood Creek	1	SKI FACILITY
619	JAY LLC	No address on file	N	097-060-029-000	5%	39.7758	62- Blackwood Creek	1	SKI FACILITY

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
620	JAY LLC	No address on file	N	097-060-030-000	5%	39.1946	62- Blackwood Creek	1	SKI FACILITY
621	JAY LLC	No address on file	N	097-060-031-000	5%	55.3788	62- Blackwood Creek	1	SKI FACILITY
622	JAY LLC	5130, 5135, 5140, 5145, 5150, 5155, 5160, 5165, 5170,	N	097-130-034-000	5%	12.2486	60- Madden Creek	1	SKI FACILITY
623	JAY LLC	5205 Sacramento Ave, Homewood	N	097-140-033-000	5%	1.0415	60- Madden Creek	1	SKI FACILITY
624	OBEXER & SON INC	5290 Lake Blvd, Homewood	N	097-140-040-000	75%	0.6795	60- Madden Creek	1	COMMERCIAL STORE
625	OBEXER FAMILY LLC	5335 Lake Blvd, Homewood	N	097-153-004-000	60%	0.2666	60- Madden Creek	1	WAREHOUSE
626	OBEXER & SON INC	5300 & 5340 Lake Blvd, Homewood	N	097-154-001-000	75%	1.6387	60- Madden Creek	1	WAREHOUSE
627	HOMEWOOD BOATWORKS LLC	5405 Lake Blvd, Homewood	N	097-163-001-000	65%	0.4008	59- Homewood Creek	1	COMMERCIAL STORE
628	BUCHER, JOE	8197 Speckled Ave, Kings Beach	N	090-041-010-000	5%05	0.5656	11- Griff Creek	2	MISCELLANEOUS COMM'L
629	KUEHNE, MARK J & LILY M	695 Wolf St, Kings Beach	N	090-042-002-000	33%	0.3411	11- Griff Creek	2	MISCELLANEOUS COMM'L

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
630	MORESI INC	8090 Rainbow Ave, Kings Beach	N	090-071-002-000	50%	0.1605	11- Griff Creek	2	COMMERCIAL STORE
631	MORESI INC	No address on file	N	090-071-025-000	100%	0.0757	11- Griff Creek	2	COMMERCIAL STORE
632	MORESI INC	200 Secline St, Kings Beach	N	090-071-026-000	90%	0.1389	11- Griff Creek	2	COMMERCIAL STORE
633	TAHOE CITY LUMBER COMPANY INC	559 River Rd, Tahoe City	N	094-180-023-000		2.5999	64- Truckee River	2	MISCELLANEOUS COMM'L
634	DIETZ, WILLIAM & KELLY, TRUSTEES	135 River Rd, Tahoe City	N	094-190-007-000	85%	0.1653	64- Truckee River	2	COMMERCIAL STORE
635	HARRIS, JAMES E & JOAN K, TRUST	140 Lake Blvd, Tahoe City	N	094-190-011-000	100%	0.282	64- Truckee River	2	MISCELLANEOUS COMM'L
636	WILLARD, DENNIS & CHRISTINE F, TRUSTEES	170 Lake Blvd, Tahoe City	N	094-190-012-000	100%	0.2529	64- Truckee River	2	COMMERCIAL STORE
637	KAHN INVESTMENT COMPANY	100 Lake Blvd, Tahoe City	N	094-190-032-000	33%	0.1459	64- Truckee River	2	COMMERCIAL STORE
638	BECHDOLT COMPANY LLC	100 Lake Rd, River Rd, Tahoe City	N	094-540-009-000	100%	2.1649	64- Truckee River	2	COMMERCIAL STORE
639	TAHOE CITY LUMBER COMPANY INC	715 River Rd, Tahoe City	N	095-110-010-000	100%	0.6434	64- Truckee River	2	COMMERCIAL STORE

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
640	DEVORE, BRYAN, ET AL	718 River Rd, Tahoe City	N	095-110-023-000	2%	0.2412	64- Truckee River	2	MISCELLANEOUS COMM'L
641	HENRIKSON, CHARLES ERIK	1480 River Rd, Tahoe City	N	095-120-001-000	15%	2.7192	64- Truckee River	2	WAREHOUSE
642	SIERRA LUNA LLC	1750 River Rd, Tahoe City	N	095-140-008-000	90%	1.2271	64- Truckee River	2	COMMERCIAL STORE
643	SIERRA LUNA LLC	1750 River Rd, Tahoe City	N	095-140-008-000	90%	1.2271	64- Truckee River	2	COMMERCIAL STORE
644	SIERRA LUNA LLC	1730 Highway 89, Tahoe City	N	095-140-009-000	95%	1.0093	64- Truckee River	2	WAREHOUSE
645	SUBURBAN PROPANE LP	1720 River Rd, Tahoe City	N	095-140-019-000	75%	0.7334	64- Truckee River	2	WAREHOUSE
646	PARSON, WILLEM GEORGE C & NORMA M, TRS	10040 Autumn Way, Tahoe City	N	095-481-003-000	80%	4.1162	64- Truckee River	2	WAREHOUSE
647	TAHOE CITY PUBLIC UTILITY DIST	No address on file	N	097-050-025-000	5%	4.8262	58- Quail Lake Creek	2	SKI FACILITY
648	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-046-000	5%	13.336	58- Quail Lake Creek	2	SKI FACILITY
649	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-047-000	5%	66.1723	58- Quail Lake Creek	2	SKI FACILITY

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
650	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-048-000	5%	38.218	58- Quail Lake Creek	2	SKI FACILITY
651	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-049-000	5%	1832655	58- Quail Lake Creek	2	SKI FACILITY
652	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-050-000	5%	16.0483	58- Quail Lake Creek	2	SKI FACILITY
653	HOMEWOOD MOUNTAIN PARTNERS LLC	No address on file	N	097-050-051-000	5%	0.9175	58- Quail Lake Creek	2	SKI FACILITY
654	CATRON, LINDA	6890 Lake Blvd, Tahoma	N	098-200-008-510	70%	0.3936	56- General Creek	2	COMMERCIAL STORE
655	LEWIS, SHERMAN LANE & HELEN N	NO ADDRESS ON FILE , TAHOE VISTA	N	112-190-043-000	0%	0.0262	11- Griff Creek	2	MISCELLANEOUS COMM'L
656	SAFEWAY INC	7815 Lake Blvd, Tahoe Vista	N	117-160-002-000	100%	1.6818	11- Griff Creek	2	COMMERCIAL STORE
657	STATE OF CALIFORNIA	NO ADDRESS ON FILE , KINGS BEACH	N	117-160-012-000	0%	0.0172	11- Griff Creek	2	MISCELLANEOUS COMM'L
658	STATE OF CALIFORNIA	7860 Lake Blvd, Tahoe Vista	N	117-180-023-000	50%	1.326	11- Griff Creek	2	TENNIS, SWIMMING CLUBS
659	STATE OF CALIFORNIA	7880 Lake Blvd, Tahoe Vista	N	117-180-024-000	5%	1.3002	11- Griff Creek	2	TENNIS, SWIMMING CLUBS

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
660	HERRNDORF, HANS & BERTHA, TRS	8245 Lake Blvd, Kings Beach	N	090-071-030-000	50%	0.8282	12- Kings Beach	3	COMMERCIAL STORE
661	MCDONALD, JESSICA	8160 Lake Blvd, Kings Beach	N	090-072-024-000	100%	0.0897	12- Kings Beach	3	MISCELLANEOUS COMM'L
662	FELTE, JACOB, TRUSTEE &	8399 Lake Blvd, Kings Beach	N	090-075-009-000	100%	0.0679	12- Kings Beach	3	COMMERCIAL STORE
663	BROCKWAY LAKE LLC	8393 Lake Blvd, Kings Beach	N	090-075-014-000	100%	0.3884	12- Kings Beach	3	COMMERCIAL STORE
664	LAYTON, JUDITH M	8331 LAKE BLVD, KINGS BEACH	N	090-075-025-000		0.1952	12- Kings Beach	3	COMMERCIAL STORE
665	STATE OF CALIFORNIA	No address on file, Kings Beach	N	090-080-004-000	100%	0.5159	12- Kings Beach	3	SUBURBAN STORE
666	ALLEN, JEANNETTE F, TRUSTEE ET AL	8463 Speckled Ave, Kings Beach	N	090-091-025-000	90%	0.2605	12- Kings Beach	3	MISCELLANEOUS COMM'L
667	FY INVESTMENTS LLC	8491 Cutthroat Ave, Kings Beach	N	090-092-006-000	20%	0.1421	12- Kings Beach	3	MISCELLANEOUS COMM'L
668	SEVISON, LARRY B & PATSY M, TRUSTEES ET AL	8603 Speckled Ave, Kings Beach	N	090-093-021-000	80%	0.3667	12- Kings Beach	3	WAREHOUSE
669	TAHOE YACHT HARBOR LLC	8617 Cutthroat Ave, Kings Beach	N	090-094-003-000	95%	0.1438	12- Kings Beach	3	WAREHOUSE

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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
670	TAHOE YACHT HARBOR LLC	8606 Speckled Ave, Kings Beach	N	090-094-018-000	80%	0.5634	12- Kings Beach	3	WAREHOUSE
671	TAHOE YACHT HARBOR LLC	8618 Speckled Ave, Kings Beach	N	090-094-019-000	80%	0.278	12- Kings Beach	3	WAREHOUSE
672	TAHOE YACHT HARBOR LLC	8632 Speckled Ave, Kings Beach	N	090-094-020-000	90%	0.2815	12- Kings Beach	3	WAREHOUSE
673	TAHOE YACHT HARBOR LLC	8640 Speckled Ave, Kings Beach	N	090-094-021-000	0%	0.2816	12- Kings Beach	3	WAREHOUSE
674	NORTH TAHOE PUBLIC UTILITY DISTRICT	No address on file, Kings Beach	N	090-121-027-000	5%	0.2178	12- Kings Beach	3	UTILITIES, PUBLIC & PRIVATE
675	BERGMANN, JOHN R, ET AL	8491 Brook Ave & 8491 Lake Blvd, Kings Beach	N	090-122-010-000	80%	0.0733	12- Kings Beach	3	MISCELLANEOUS COMM'L
676	HUELLE, JOSEPH	8591 Brook Ave, Kings Beach	N	090-122-017-000	75%	0.1822	12- Kings Beach	3	COMMERCIAL STORE
677	ARE PROPERTY HOLDINGS LLC	8515 Brook Ave, Kings Beach	N	090-122-038-000	50%	0.2649	12- Kings Beach	3	MISCELLANEOUS COMM'L
678	CRYSTAL, CARLTON C, TRUSTEE &	8561 Lake Blvd, Kings Beach	N	090-123-010-000	80%	0.1745	12- Kings Beach	3	COMMERCIAL STORE
679	KIGHTLY, DENNIS L & KAREN, TRUSTEES	8493 Lake Blvd, Kings Beach	N	090-123-015-000	100%	0.0455	12- Kings Beach	3	COMMERCIAL STORE

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
680	FERRARI, DAVID J, ET AL	8499 Lake Blvd, Kings Beach	N	090-123-016-000	80%	0.1098	12- Kings Beach	3	COMMERCIAL STORE
681	THOMPSON JOHN P TRUSTEE &	8593 & 8599 Lake Blvd, Kings Beach	N	090-123-023-000	75%	0.3102	12- Kings Beach	3	MINI-MARKETS, NO GAS
682	BRUENING, DAVID P & BARBARA L, TRUSTEES	8487 Lake Blvd, Kings Beach	N	090-123-026-000	75%	0.1352	12- Kings Beach	3	COMMERCIAL STORE
683	BRUENING, DAVID P & BARBARA L, TRUSTEES	8491 Lake Blvd, Kings Beach	N	090-123-027-000	10%	0.0989	12- Kings Beach	3	COMMERCIAL STORE
684	WARD, ROBERT H TRUSTEE, ET AL	8669 SALMON AVE, KINGS BEACH	N	090-126-014-000	100%	0.3647	12- Kings Beach	3	COMMERCIAL STORE
685	KINGS BEACH BUSINESS PARK LLC	8635 Lake Blvd, Kings Beach	N	090-133-003-000	50%	0.1461	12- Kings Beach	3	COMMERCIAL STORE
686	SCHNEIDER, MICHAEL J & DEBORAH L	8645 Lake Blvd, Kings Beach	N	090-133-005-000		0.3552	12- Kings Beach	3	SHOPPING CENTER
687	SCHNEIDER, MICHAEL	8616 Salmon Ave, Kings Beach	N	090-133-007-000		0.268	12- Kings Beach	3	MISCELLANEOUS COMM'L
688	SIMONE, PHILLIP ANDRE, ET AL	8684 Salmon Ave, Kings Beach	N	090-133-008-000		0.2745	12- Kings Beach	3	COMMERCIAL STORE
689	SCHNEIDER, MICHAEL J & DEBORAH L	8693 LAKE BLVD, KINGS BEACH	N	090-133-011-000	100%	0.1537	12- Kings Beach	3	MISCELLANEOUS COMM'L

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
690	LANINI JEFFREY P & KRISTA D TRUSTEES, ET AL	8681 LAKE BLVD, KINGS BEACH	N	090-133-012-000	10%	0.3842	12- Kings Beach	3	MISCELLANEOUS COMM'L
691	SIMONE, PHILLIP ANDRE, ET AL	8675 LAKE BLVD, KINGS BEACH	N	090-133-015-000	0%	0.504	12- Kings Beach	3	COMMERCIAL STORE
692	MARTIN GLENN R	8611 LAKE BLVD, KINGS BEACH	N	090-133-018-000	100%	0.2602	12- Kings Beach	3	COMMERCIAL STORE
693	MR. JMB PROPERTIES I LLC	8612 LAKE BLVD, KINGS BEACH	N	090-134-002-000		0.1798	12- Kings Beach	3	COMMERCIAL STORE
694	LEZAK DANIEL S & CHERYL C TRUSTEES , ET AL	8658 LAKE BLVD, KINGS BEACH	N	090-134-006-000	0%	0.1885	12- Kings Beach	3	MISCELLANEOUS COMM'L
695	WAINSCOAT, JOHN & JULIE, TRUSTEES	8710 LAKE BLVD, KINGS BEACH	N	090-134-011-000		0.209	12- Kings Beach	3	COMMERCIAL STORE
696	HALL, SUSAN KAY, ET AL	8707 BROCKWAY VISTA AVE, KINGS BEACH	N	090-134-012-000	0%	0.3421	12- Kings Beach	3	COMMERCIAL STORE
697	CATRON, LINDA	8626 Lake Blvd, Kings Beach	N	090-134-024-000	50%	0.3659	12- Kings Beach	3	COMMERCIAL STORE
698	LINDSEY, RUSTY D & TARA	8726 Lake Blvd, Kings Beach	N	090-142-024-000	80%	0.3	12- Kings Beach	3	COMMERCIAL STORE
699	CARRILLO, KEVIN & KATHLEEN	8732 Lake Blvd, Kings Beach	N	090-142-025-000	5%	0.1936	12- Kings Beach	3	COMMERCIAL STORE

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
700	SCALZO, EDWARD & SUSAN	8701 Cutthroat Ave, Kings Beach	N	090-152-048-000	10%	0.4199	12- Kings Beach	3	WAREHOUSE
701	LAFERRIERE, BRYANT H & LANAY A, TRUSTEES	8801 Trout Ave, Kings Beach	N	090-181-048-000		0.1402	12- Kings Beach	3	WAREHOUSE
702	SENGLAUB, HEIDI, TRUSTEE	8898 Salmon Ave, Kings Beach	N	090-191-027-000	80%	0.1479	12- Kings Beach	3	WAREHOUSE
703	LANE, WILLIAM M & LILY P, TRUSTEES	8731 Lake Blvd, Kings Beach	N	090-192-031-000	80%	0.0995	12- Kings Beach	3	COMMERCIAL STORE
704	WALDMAN/WEGENER INCORPORATED	8775 Lake Blvd, Kings Beach	N	090-192-057-000	99%	0.394	12- Kings Beach	3	MISCELLANEOUS COMM'L
705	BAHAN LLC	2655 Lake Forest Rd, Tahoe City	N	093-032-014-000	25%	0.2451	4- Lake Forest Creek	3	MISCELLANEOUS COMM'L
706	SPOHR, MARK H & DEBORAH L	2680 Lake Forest Rd, Tahoe City	N	093-033-008-000	5%	0.127	4- Lake Forest Creek	3	WAREHOUSE
707	DODGE, CRAIG, ET AL	2770 Lake Forest Rd, Tahoe City	N	093-036-003-000	100%	0.1519	4- Lake Forest Creek	3	COMMERCIAL STORE
708	EUCALYPTUS, SUSAN F	2815 LAKE FOREST RD, TAHOE CITY	N	093-041-002-000	10%	0.4508	4- Lake Forest Creek	3	MISCELLANEOUS COMM'L
709	ROSA, JIM & STEPHANIE A SNYDER TRUSTEES	2875 LAKE FOREST RD, TAHOE CITY	N	093-041-006-000	50%	0.1701	4- Lake Forest Creek	3	COMMERCIAL STORE

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
710	ERICSON, MICHAEL A & PATRICE G TRUSTEES	2800 LAKE FOREST RD, TAHOE CITY	N	093-042-001-000	90%	0.3061	4- Lake Forest Creek	3	COMMERCIAL OFFICE
711	TERZIAN CHARLES A & DEIRDRE F	2830 LAKE FOREST RD, TAHOE CITY	N	093-042-013-000	80%	0.3731	4- Lake Forest Creek	3	MISCELLANEOUS COMM'L
712	SMITH, ROBERT K &JOAN A, TRUSTEES	2854 LAKE FOREST RD, TAHOE CITY	N	093-042-015-000		0.1839	4- Lake Forest Creek	3	MISCELLANEOUS COMM'L
713	MACLEAN, WILLIAM G & NANCY K, TRUSTEES	2905 Rose Ave, Tahoe City	N	093-051-006-000	25%	0.6137	4- Lake Forest Creek	3	WAREHOUSE
714	KOTT, KENNETH L & LINDA M &	2920 Rose Ave, Tahoe City	N	093-051-013-000	33%	0.2345	4- Lake Forest Creek	3	WAREHOUSE
715	KOTT, KENNETH L & LINDA M &	2900 Rose Ave, Tahoe City	N	093-051-014-000	90%	0.2659	4- Lake Forest Creek	3	WAREHOUSE
716	EDINBURG, JUDITH V, TRUSTEE ET AL	2931 Lake Forest Rd, Tahoe City	N	093-051-017-000	25%	0.7647	4- Lake Forest Creek	3	WAREHOUSE
717	MCGEEVER, J BRIAN & LYNN A, ET AL	2909 & 2911 Lake Forest Rd, Tahoe City	N	093-052-010-000	33%	0.3199	5- Dollar Creek	3	COMMERCIAL STORE
718	MCGEEVER, J BRIAN & LYNN A, ET AL	2919 Lake Forest Rd, Tahoe City	N	093-052-013-000	50%	0.2707	5- Dollar Creek	3	COMMERCIAL STORE
719	GROSSMAN, ERNEST D, TRUSTEE ET AL	3080 Lake Blvd, Tahoe City	N	093-130-047-000	25%	1.6776	4- Lake Forest Creek	3	COMMERCIAL STORE

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
720	BRAUN, DUDLEY E, TRUSTEE	3210 Lake Blvd, Tahoe City	N	093-160-049-000	90%	0.3065	5- Dollar Creek	3	COMMERCIAL STORE
721	DOLLAR POINT HOMEOWNERS ASSOC	170 Observation Dr, Tahoe City	N	093-310-024-000	85%	1.7029	5- Dollar Creek	3	TENNIS, SWIMMING CLUBS
722	HENRIKSON, OLIVER M & CAROLYN G	255 Lake Blvd, Tahoe City	N	094-070-001-000	100%	0.8306	1- Tahoe State Park	3	COMMERCIAL STORE
723	HENRIKSON, OLIVER M & CAROLYN G	265 Lake Blvd, Tahoe City	N	094-070-002-000	100%	0.5894	1- Tahoe State Park	3	COMMERCIAL STORE
724	FRIEL, EDWIN R	275 Lake Blvd, Tahoe City	N	094-070-003-000	0%	0.0441	1- Tahoe State Park	3	COMMERCIAL STORE
725	TORRENTE, RENE D & ANNETTE, ET AL	295 Lake Blvd, Tahoe City	N	094-070-004-000	100%	0.1245	1- Tahoe State Park	3	COMMERCIAL STORE
726	KEHOE, KEVIN C & RITA J, ET AL	395 Lake Blvd, Tahoe City	N	094-070-006-000	100%	0.508	1- Tahoe State Park	3	COMMERCIAL STORE
727	WBBF LLC	401 & 405 Lake Blvd, Tahoe City	N	094-070-008-000	100%	0.299	1- Tahoe State Park	3	COMMERCIAL STORE
728	HAUSERMAN, DAN & JOAN, FAM PARTNERSHIP ET AL	475 Lake Blvd, Tahoe City	N	094-070-011-000	100%	1.1177	1- Tahoe State Park	3	SHOPPING CENTER
729	HAUSERMAN, DANIEL M & JOAN W, TRS	495 Lake Blvd, Tahoe City	N	094-070-014-000	100%	0.3479	1- Tahoe State Park	3	SHOPPING CENTER

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Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
730	FULLER, E NICK	581 & 589 Lake Blvd, Tahoe City	N	094-080-003-000	100%	0.1966	1- Tahoe State Park	3	COMMERCIAL STORE
731	WILDERNESS PROPERTIES LLC	551 & 555 Lake Blvd, Tahoe City	N	094-080-005-000	100%	0.2605	1- Tahoe State Park	3	COMMERCIAL STORE
732	KAHN INVESTMENT COMPANY	501 Lake Blvd, Tahoe City	N	094-080-009-000	100%	0.2557	1- Tahoe State Park	3	COMMERCIAL STORE
733	HOWARD MCBRIDE FAMILY LP ET AL	599 Lake Blvd, Tahoe CIty	N	094-080-012-000	50%	0.3447	1- Tahoe State Park	3	COMMERCIAL STORE
734	TAHOE YACHT HARBOR LLC	795 Lake Blvd, Tahoe City	N	094-090-009-000	25%	0.4385	1- Tahoe State Park	3	WAREHOUSE
735	LAKEHOUSE MALL PROP MGT INC	120 Grove St, Tahoe City	N	094-090-010-000	20%	0.4661	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
736	LAKEHOUSE MALL PROP MGT INC	600 Lake Blvd, Tahoe City	N	094-090-011-000	100%	0.1462	1- Tahoe State Park	3	COMMERCIAL STORE
737	BRINER, WILLIAM S & FARIDA A, TRUSTEES	620 Lake Blvd, Tahoe City	N	094-090-012-000	100%	0.1128	1- Tahoe State Park	3	COMMERCIAL STORE
738	SCHWARTZ, MICHAEL A & STEPHANIE	690 Lake Blvd, Tahoe City	N	094-090-018-000		0.2538	1- Tahoe State Park	3	COMMERCIAL STORE
739	TAHOE YACHT HARBOR LLC	700 Lake Blvd, Tahoe City	N	094-090-019-000	50%	1.5674	1- Tahoe State Park	3	SHOPPING CENTER

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Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
740	CHANNEL LUMBER CO	LAKE BLVD, TAHOE CITY	N	094-090-026-000	0%	0.0233	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
741	CHANNEL LUMBER CO	760 Lake Blvd, Tahoe City	N	094-090-029-000	90%	2.3565	1- Tahoe State Park	3	SHOPPING CENTER
742	COUNTY OF PLACER	NO ADDRESS ON FILE , TAHOE CITY	N	094-090-035-000	100%	0.0649	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
743	CORDA, JOHN S & JANICE M, TRUSTEES	635 Bliss Ct, Tahoe City	N	094-110-007-000		0.063	1- Tahoe State Park	3	WAREHOUSE
744	TOPOL, JUDITH K	840 & 850 Lake Blvd, Tahoe City	N	094-110-018-000	90%	3.2094	1- Tahoe State Park	3	SHOPPING CENTER
745	CUSTONMS HOUSE LLC	775 LAKE BLVD, TAHOE CITY	N	094-110-021-000	0%	0.6142	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
746	DYER, PAUL, ET AL	905, 925, & 945 Lake Blvd, Tahoe City	N	094-130-007-000	80%	0.8973	1- Tahoe State Park	3	SHOPPING CENTER
747	ROCKY RIDGE PROP OWNERS ASSN	2005 Lake Blvd, Tahoe City	N	094-140-064-000		2.0567	2- Burton Creek	3	WAREHOUSE
748	STATE OF CALIFORNIA	No address on file	N	094-140-065-000	0%	4.4618	2- Burton Creek	3	WAREHOUSE
749	SWIGARD, STEPHEN G & KATHLEEN A, TRS	200 Lake Blvd, Tahoe City	N	094-190-013-000	90%	0.1612	1- Tahoe State Park	3	COMMERCIAL STORE

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Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
750	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-001-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
751	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-002-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
752	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-003-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
753	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-004-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
754	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-005-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
755	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-006-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
756	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-007-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
757	TAHOE BOAT COMPANY OWNERS ASSN ET AL & MOOR JAMES	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-008-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
758	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-009-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
759	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-010-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
760	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-011-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
761	TAHOE BOAT COMPAY OWNERS ASSOCIATION, ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-012-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
762	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-013-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
763	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-014-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
764	TAHOE BOAT COMPAY OWNERS ASSOCIATION, ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-015-00	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
765	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-016-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
766	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-017-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
767	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-018-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
768	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-019-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
769	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-020-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L

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Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
770	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-021-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
771	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-022-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
772	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-023-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
773	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-024-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
774	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-531-025-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
775	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-001-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
776	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-002-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
777	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-003-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
778	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-004-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
779	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-005-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L

Tahoe Basin
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	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
780	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-006-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
781	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-007-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
782	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-008-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
783	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-009-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
784	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-010-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
785	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-011-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
786	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-012-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
787	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-013-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
788	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-014-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
789	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-015-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L

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Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
790	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-016-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
791	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-017-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
792	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-018-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
793	TAHOE BOAT COMPAY OWNERS ASSOCIATION, ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-019-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
794	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-020-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
795	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-021-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
796	TAHOE BOAT COMPANY OWNERS ASSN.	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-022-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
797	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-023-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
798	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-024-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
799	TAHOE BOAT COMPANY OWNERS ASSN.	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-025-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
800	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-026-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
801	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-027-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
802	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-028-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
803	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-029-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
804	TAHOE BOAT COMPANY OWNERS ASSN.	NO ADDRESS ON FILE , TAHOE CITY	N	094-532-030-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
805	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-533-001-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
806	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-533-002-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
807	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-533-003-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
808	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-533-004-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
809	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-533-005-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
810	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-533-006-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
811	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-533-007-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
812	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-533-008-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
813	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-533-009-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
814	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-533-010-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
815	TAHOE BOAT COMPANY OWNERS ASSN.	NO ADDRESS ON FILE , TAHOE CITY	N	094-533-011-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
816	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-533-012-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
817	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-533-013-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
818	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-533-014-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
819	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-533-015-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
820	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-533-016-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
821	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-001-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
822	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-002-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
823	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-003-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
824	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-003-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
825	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-004-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
826	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-005-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
827	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-006-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
828	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-007-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
829	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-008-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
830	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-009-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
831	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-010-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
832	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-011-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
833	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-012-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
834	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-013-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
835	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-014-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
836	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-015-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
837	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-016-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
838	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-017-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
839	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-018-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
840	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-019-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
841	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-019-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
842	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-019-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
843	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-020-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
844	TAHOE BOAT COMPANY OWNERS ASSN.	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-021-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
845	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-022-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
846	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-023-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
847	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-025-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
848	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-026-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
849	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-027-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
850	TAHOE BOAT COMPANY OWNERS ASSN.	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-028-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
851	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-029-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
852	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-030-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
853	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-031-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
854	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-534-032-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
855	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-001-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
856	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-002-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
857	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-003-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
858	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-004-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
859	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-005-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
860	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-006-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
861	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-007-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
862	TAHOE BOAT COMPANY OWNERS ASSN	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-008-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
863	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-009-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
864	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-010-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
865	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-011-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
866	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-012-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
867	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-013-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
868	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-014-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
869	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-015-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
870	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-016-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
871	TAHOE BOAT COMPANY OWNERS ASSN	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-017-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
872	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-018-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
873	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-019-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
874	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-020-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
875	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-021-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
876	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-022-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
877	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-023-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
878	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-024-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
879	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-025-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
880	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-026-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
881	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-027-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
882	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-028-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
883	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-029-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
884	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-535-030-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
885	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-001-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
886	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-002-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
887	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-003-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
888	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-004-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
889	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-005-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
890	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-006-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
891	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-007-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
892	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-008-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
893	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-009-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
894	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-010-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
895	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-011-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
896	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-012-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
897	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-013-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
898	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-014-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
899	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-015-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
900	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-016-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
901	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-017-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
902	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-018-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
903	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-019-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
904	TAHOE BOAT COMPANY OWNERS ASSN	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-020-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
905	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-021-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
906	TAHOE BOAT COMPANY OWNERS ASSN	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-022-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
907	TAHOE BOAT COMPANY ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-023-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
908	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-024-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
909	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-025-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
910	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-026-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
911	TAHOE BOAT COMPANY OWNERS ASSN ET AL	NO ADDRESS ON FILE , TAHOE CITY	N	094-536-027-000	100%	0	1- Tahoe State Park	3	MISCELLANEOUS COMM'L
751	TRIMONT LAND CO	No address on file	N	110-050-023-000	0%	554.009	7- Watson	3	SKI FACILITY
752	TRIMONT LAND CO	No address on file	N	110-050-024-000	0%	41.4176	9- Carnelian Canyon	3	SKI FACILITY
753	TRIMONT LAND COMPANY	No address on file	N	110-050-040-000	0%	109.333	10- Tahoe Vista	3	SKI FACILITY
754	TRIMONT LAND COMPANY	No address on file	N	110-050-041-000	1%	48.6278	10- Tahoe Vista	3	SKI FACILITY
755	NORTHSTAR MOUNTAIN PROPERTIES LLC	10001 Big Springs Dr, Truckee	N	110-050-042-000	1%	51.3789	10- Tahoe Vista	3	SKI FACILITY
756	NORTHSTAR MOUNTAIN PROPERTIES LLC	No address on file	N	110-050-043-000	1%	98.0626	10- Tahoe Vista	3	SKI FACILITY
757	TRIMONT LAND CO	No address on file	N	110-070-008-000	0%	16.3982	7- Watson	3	SKI FACILITY
758	TRIMONT LAND CO	No address on file	N	110-070-009-000	0%	12.1914	7- Watson	3	SKI FACILITY

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
759	TRIMONT LAND CO	500 113 rd. Truckee	N	110-070-015-000	1%	5.4082	7- Watson	3	SKI FACILITY
760	IRON HORSE CONDOMINIUM ASSOCIATION	4001 NORTHSTAR DR, TRUCKEE	N	110-080-074-000	100%	1.2	10- Tahoe Vista	3	MISCELLANEOUS COMM'L
761	IRON HORSE CONDOMINIUM ASSOCIATION	4001 NORTHSTAR DR, TRUCKEE	N	110-080-074-000	100%	1.2	10- Tahoe Vista	3	MISCELLANEOUS COMM'L
762	NORTHSTAR MOUNTAIN PROPERTIES LLC	400 SQUAW CREEK RD, OLYMPIC VALLEY	N	110-250-002-000	100%	0.3174	10- Tahoe Vista	3	MISCELLANEOUS COMM'L
772	TRIMONT LAND COMPANY	2100 VILLAGE DR, TRUCKEE	N	110-620-004-000	100%	0.2135	10- Tahoe Vista	3	MISCELLANEOUS COMM'L
773	COLGAN, WILLIAM G & HELEN H, TRUSTEES	560 Gun Club Rd, Tahoe Vista	N	112-050-011-000	90%	0.3085	10- Tahoe Vista	3	WAREHOUSE
774	MARSH VENTURES INCORPORATED	500 Gun Club Rd, Tahoe Vista	N	112-050-014-000	100%	0.8773	10- Tahoe Vista	3	WAREHOUSE
775	MARSH VENTURES INCORPORATED	450 Gun Club Rd, Tahoe Vista	N	112-050-015-000	90%	0.2664	10- Tahoe Vista	3	WAREHOUSE
776	NORTH TAHOE SELF STORAGE LLC	590 Gun Club Rd, Tahoe Vista	N	112-110-032-000		1.1581	10- Tahoe Vista	3	MINI-STORAGE, COVERED STORAGE
777	NINO FAMILY LP ET AL	NO ADDRESS ON FILE , CARNELIAN BAY	N	115-030-030-000	0%	0.0248	9- Carnelian Canyon	3	MISCELLANEOUS COMM'L

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
778	SIERRA BOAT PROPERTIES	5146 Lake Blvd, Carnelian Bay	N	115-030-050-000	100%	2.4983	9- Carnelian Canyon	3	WAREHOUSE
779	FORET JACQUELINE E TRUSTEE	245 Onyx St, Carnelian Bay	N	115-030-054-000	95%	0.3854	9- Carnelian Canyon	3	WAREHOUSE
780	BURGE, RICHARD G, TRUSTEE	5075 Lake Blvd, Carnelian Bay	N	115-030-058-000	100%	0.6884	9- Carnelian Canyon	3	COMMERCIAL STORE
781	SIERRA BOAT CO INC	255 Carnelian Woods Ave, Carnelian Bay	N	115-030-070-000	70%	1.953	9- Carnelian Canyon	3	WAREHOUSE
782	AGATE PIER & SWIM CLUB INC	453 AGATE RD, CARNELIAN BAY	N	116-050-039-000	25%	1.0924	8- Carnelian Bay Creek	3	MISCELLANEOUS COMM'L
783	AGATE PIER & SWIM CLUB INC	5690 LAKE BLVD, CARNELIAN BAY	N	116-100-002-000	0%	0.316	8- Carnelian Bay Creek	3	MISCELLANEOUS COMM'L
784	CARNELIAN WOODS TOWNHOUSE ASSN	310 CARNELIAN WOODS AVE, CARNELIAN BAY	N	116-180-016-000	1%	4.2055	8- Carnelian Bay Creek	3	COMMERCIAL STORE
785	NORTH SHORE RESORT REALTY INC	6549 LAKE BLVD, TAHOE VISTA	N	117-071-004-000	50%	1.4003	10- Tahoe Vista	3	MISCELLANEOUS COMM'L
786	TAHOE SANDS TIME SHARE OWNERS ASSOCIATION	6565 LAKE BLVD, TAHOE VISTA	N	117-071-005-000	50%	1.6823	10- Tahoe Vista	3	MISCELLANEOUS COMM'L
787	SIERRA TAHOE PARTNERS II LP	6589 LAKE BLVD, TAHOE VISTA	N	117-071-006-000	90%	1.7115	10- Tahoe Vista	3	MISCELLANEOUS COMM'L

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
788	NORTH SHORE RESORT REALTY INC	6527 LAKE BLVD, TAHOE VISTA	N	117-071-008-000	75%	0.5872	10- Tahoe Vista	3	MISCELLANEOUS COMM'L
789	TAHOE SANDS TIME SHARE OWNERS ASSOCIATION	6609 LAKE BLVD, TAHOE VISTA	N	117-071-012-000	0%	1.4399	10- Tahoe Vista	3	MISCELLANEOUS COMM'L
790	RUSTIC COTTAGE RESORT & MOTEL LLC	6631 LAKE BLVD, TAHOE VISTA	N	117-071-013-000	25%	2.2824	10- Tahoe Vista	3	MISCELLANEOUS COMM'L
791	TAHOE REAL ESTATE INVESTMENT LLC	6731 LAKE BLVD, TAHOE VISTA	N	117-071-015-000	15%	5.188	10- Tahoe Vista	3	MISCELLANEOUS COMM'L
792	MOURELATOS FAMILY LIMITED PARTNERSHIP	6835 LAKE BLVD, TAHOE VISTA	N	117-071-028-000		5.9184	10- Tahoe Vista	3	MISCELLANEOUS COMM'L
793	LANZA, JOSEPH & JOYCE ANN ET AL	6873 LAKE BLVD, TAHOE VISTA	N	117-071-029-000	0%	6.2467	10- Tahoe Vista	3	MISCELLANEOUS COMM'L
794	LECLAIR, DARREL ET AL	6891 LAKE BLVD, TAHOE VISTA	N	117-071-030-000		3.2318	10- Tahoe Vista	3	COMMERCIAL STORE
795	LECLAIR, DARREL ET AL	6921 LAKE BLVD, TAHOE VISTA	N	117-071-031-000		3.3012	10- Tahoe Vista	3	COMMERCIAL STORE
796	TAHOE SANDS TIME SHARE OWNERS ASSOCIATION	6570 LAKE BLVD, TAHOE VISTA	N	117-072-003-000	50%	4.2062	10- Tahoe Vista	3	MISCELLANEOUS COMM'L
797	TAHOE SANDS TIME SHARE OWNERS ASSOCIATION	6610 LAKE BLVD, TAHOE VISTA	N	117-072-004-000	50%	1.3337	10- Tahoe Vista	3	MISCELLANEOUS COMM'L

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
798	KRAMER, LARRY L & SHARON A	6674 LAKE BLVD, TAHOE VISTA	N	117-072-007-000	0%	3.4681	10- Tahoe Vista	3	MISCELLANEOUS COMM'L
799	MOURELATOS FAMILY LTD PARTNERSHIP	6834 LAKE BLVD, TAHOE VISTA	N	117-072-013-000	5%	2.908	10- Tahoe Vista	3	MISCELLANEOUS COMM'L
800	STATE OF CALIFORNIA	6870 LAKE BLVD, TAHOE VISTA	N	117-072-014-000	0%	2.809	10- Tahoe Vista	3	COMMERCIAL OFFICE
801	430 NATIONAL LLC	430 National Ave, Tahoe Vista	N	117-090-026-000		0.147	10- Tahoe Vista	3	MISCELLANEOUS COMM'L
802	WALSH FAMILY LLC	7360 Lake Blvd, Tahoe Vista	N	117-130-053-000	100%	1.1204	10- Tahoe Vista	3	WAREHOUSE
803	NORTHSTAR IRON HORSE LLC	5001 NORTHSTAR DR, TRUCKEE	N	103-020-001-000	100%	0.8387	?		COMMERCIAL STORE
804	NORTHSTAR IRON HORSE LLC	5001 NORTHSTAR DR, TRUCKEE	N	103-020-002-000	100%	0.8387	?		COMMERCIAL STORE
805	NORTHSTAR IRON HORSE LLC	5001 NORTHSTAR DR, TRUCKEE	N	103-020-003-000	100%	0.8387	?		COMMERCIAL STORE
806	NORTHSTAR IRON HORSE LLC	5001 NORTHSTAR DR, TRUCKEE	N	103-020-004-000	100%	0.8387	?		COMMERCIAL STORE
807	NORTHSTAR IRON HORSE LLC	5001 NORTHSTAR DR, TRUCKEE	N	103-020-005-000	100%	0.8387	?		COMMERCIAL STORE

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
808	NORTHSTAR IRON HORSE LLC	5001 NORTHSTAR DR, TRUCKEE	N	103-020-006-000	100%	0.8387	?		COMMERCIAL STORE
809	NORTHSTAR IRON HORSE LLC	5001 NORTHSTAR DR, TRUCKEE	N	103-020-007-000	100%	0.8387	?		COMMERCIAL STORE
810	NORTHSTAR IRON HORSE LLC	5001 NORTHSTAR DR, TRUCKEE	N	103-020-008-000	100%	0.8387	?		COMMERCIAL STORE
811	NORTHSTAR IRON HORSE LLC	5001 NORTHSTAR DR, TRUCKEE	N	103-020-009-000	100%	0.8387	?		COMMERCIAL STORE
812	NORTHSTAR IRON HORSE LLC	5001 NORTHSTAR DR, TRUCKEE	N	103-020-010-000	100%	0.8387	?		COMMERCIAL STORE
813	NORTHSTAR IRON HORSE LLC	5001 NORTHSTAR DR, TRUCKEE	N	103-020-011-000	100%	0.8387	?		COMMERCIAL STORE
814	NORTHSTAR IRON HORSE LLC	5001 NORTHSTAR DR, TRUCKEE	N	103-020-012-000	100%	0.8387	?		COMMERCIAL STORE
815	NORTHSTAR IRON HORSE LLC	5001 NORTHSTAR DR, TRUCKEE	N	103-020-013-000	100%	0.8387	?		COMMERCIAL STORE
816	NORTHSTAR IRON HORSE LLC	3001 NORTHSTAR DR, TRUCKEE	N	103-050-024-000	100%	0.0668	?		COMMERCIAL STORE
817	NORTHSTAR IRON HORSE LLC	3001 NORTHSTAR DR, TRUCKEE	N	103-050-025-000	100%	0.374	?		COMMERCIAL STORE

Tahoe Basin
Commercial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Primary Watershed	TRPA Water-shed Priority	Use (Business Category)
818	NORTHSTAR IRON HORSE LLC	3001 NORTHSTAR DR, TRUCKEE	N	103-050-026-000	100%	0.374	?		COMMERCIAL STORE
819	NORTHSTAR IRON HORSE LLC	3001 NORTHSTAR DR, TRUCKEE	N	103-050-028-000	100%	0.374	?		COMMERCIAL STORE
820	NORTHSTAR IRON HORSE LLC	3001 NORTHSTAR DR, TRUCKEE	N	103-050-029-000	100%	0.374	?		COMMERCIAL STORE
821	NORTHSTAR IRON HORSE LLC	3001 NORTHSTAR DR, TRUCKEE	N	103-060-012-000	100%	0.0668	?		COMMERCIAL STORE
822	NORTHSTAR IRON HORSE LLC	4001 NORTHSTAR DR, TRUCKEE	N	103-070-008-000	100%	0.5585	?		COMMERCIAL STORE
823	NORTHSTAR IRON HORSE LLC	4001 NORTHSTAR DR, TRUCKEE	N	103-070-009-000	100%	0.5585	?		COMMERCIAL STORE
824	TAHOE CLUB COMPANY LLC	4001 NORTHSTAR DR, TRUCKEE	N	103-070-010-000	100%	0.5585	?		COMMERCIAL STORE
825	TAHOE CLUB COMPANY LLC	4001 NORTHSTAR DR, TRUCKEE	N	103-080-010-000	100%	0.5585	?		COMMERCIAL STORE

Tahoe Basin
Industrial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Zoning Information	Primary Watershed	TRPA Water-shed Priority	Use
1	Wong, Randolph W Y & Melinda H, Trustees ET AL	770 Chapel Ln, Tahoe City	Y	094-254-008-000	0%	0.2421	171 Tavern Heights Residential	63- Ward Creek	1	Light Industrial
2	Homewood High & Dry Marina	5190 Lake Blvd, Homewood	Y	097-241-031-000 (Includes 097-241-001-000 thru 097-246-014-000)		0.3403	159 Homewood Commercial	57 - McKinney Creek	1	Industrial Warehouse / Storage
3	Williamson, James Mark	?? River Rd, Tahoe City	N	094-180-045-000	10%	8.574	001A Tahoe City Community Plan SA #2	64- Truckee River	2	Light Industrial
4	Farella, Nick V & A F Trust &	8011 Lake Blvd, Kings Beach	N	117-180-006-000	100%	0.1858	029 Kings Beach SA #2: E/W Entry Comm.	11- Griff Creek	2	Heavy Industrial
5	Lazzareschi, Richard		N	090-044-004-000		0.29		12- Kings Beach	3	Vacant Industrial
6	Gregor, Stephen Joseph		N	090-044-014-000		0.14		12- Kings Beach	3	Vacant Industrial
7	Osberg, Mark		N	090-044-022-000		0.29		12- Kings Beach	3	Light Industrial
8	Roach, Jason	8395 Cutthroat Ave, Kings Beach	N	090-046-002-000	0%	0.288	026 Kings Beach Industrial Comm/PS	12- Kings Beach	3	Light Industrial
9	Tahoe Distributions Systems Inc.	8353 Cutthroat Ave, Kings Beach	N	090-046-034-000	95%	0.1455	026 Kings Beach Industrial Comm/PS	12- Kings Beach	3	Miscellaneous Industrial

Tahoe Basin
Industrial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Zoning Information	Primary Watershed	TRPA Water-shed Priority	Use
10	Marion Ave. Properties Liability Co.	8575 Speckled Ave, Kings Beach	N	090-091-028-000	25%	0.3589	026 Kings Beach Industrial Comm/PS	12- Kings Beach	3	Light Industrial
11	Fairway Excavating Inc.	8494 Speckled Ave, Kings Beach	N	090-092-033-000	50%	0.1368	026 Kings Beach Industrial Comm/PS	12- Kings Beach	3	Light Industrial
12	Cosme & Sons, LLC	615 Coon St, Kings Beach	N	090-092-049-000	25%	0.6208	026 Kings Beach Industrial Comm/PS	12- Kings Beach	3	Light Industrial
13	Thompson, Emerson E Jr. & Marjorie F, TRS	8619 Speckled Ave, Kings Beach	N	090-093-014-000		0.5552	026 Kings Beach Industrial Comm/PS	12- Kings Beach	3	Light Industrial
14	Myrmel, Robert & Carolyn	8571 Lake Blvd, Kings Beach	N	090-123-009-000	25%	0.1571	029 Kings Beach SA #1: Downtown Comm.	12- Kings Beach	3	Light Industrial
15	Bruening, David P, ET AL	8524 Brooke Ave, Kings Beach	N	090-123-017-000	0%	0.1174	029 Kings Beach SA #1: Downtown Comm.	12- Kings Beach	3	Light Industrial
16	Procissi, Basilio, Trustee ET AL	8636 Lake Blvd, Kings Beach	N	090-134-005-000		0.3734	029 Kings Beach SA #1: Downtown Comm.	12- Kings Beach	3	Light Industrial
17	NLB 8784 LLC	8784 Lake Blvd, Kings Beach	N	090-221-020-000	80%	0.2282	029 Kings Beach CP SA #2: E/W Entry Comm.	12- Kings Beach	3	Light Industrial
18	Johnson, Bradley W, Trustee ET AL	8788 Lake Blvd, Kings Beach	N	090-221-021-000	15%	0.0958	029 Kings Beach CP SA #2: E/W Entry Comm.	12- Kings Beach	3	Light Industrial
19	Grundmann, Egon & Carmen M, Trustees		N	090-231-034-000		0		12- Kings Beach	3	Vacant Industrail

Tahoe Basin
Industrial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Zoning Information	Primary Watershed	TRPA Water-shed Priority	Use
20	Kelley Hogan, LLC	2780 Lake Forest Rd, Tahoe City	N	093-036-004-000	0%	0.1502	009A, Commercial/Public Service Special A	4- Lake Forest Creek	3	Light Industrial
21	Rosa, James J & Stephanie A, Trustees	2880 Hillcrest Ave, Tahoe City	N	093-041-004-000	0%	0.1664	009A, Commercial/Public Service Special A	4- Lake Forest Creek	3	Heavy Industrial
22	Rosa, James J & Setphanie A, Trustees		N	093-041-005-000		0		4- Lake Forest Creek	3	Industrial Warehouse / Storage
23	Wilson, Steven M	2875 Hillcrest Ave, Tahoe City	N	093-051-011-000	0%	0.2507	009A, Commercial/Public Service Special A	4- Lake Forest Creek	3	Light Industrial
24	Lake Forest Shop, LLC	2970 Rose Ave, Tahoe City	N	093-051-012-000	70%	0.6425	009A, Commercial/Public Service Special A	4- Lake Forest Creek	3	Light Industrial
25	Truckee Tahoe Lumber Co.	315 Lake Blvd, Tahoe City	N	094-070-005-000	100%	0.3512	001A Tahoe City Community Plan SA #1	1- Tahoe State Park	3	Heavy Industrial
26	Babcock, Michael David, Trustee	130 Mackinaw Rd, Tahoe City	N	094-190-016-000	90%	0.1241	001A Tahoe City Community Plan SA #1 & #3	1- Tahoe State Park	3	Light Industrial
27	Sierra Luna, LLC	1700 River Rd, Tahoe City	N	095-140-020-000	50%	0.7727	003 Recreation Special Area #1	3- Barton Creek	3	Light Industrial
28	Schimmelpfennig, Westley E. Living Trust		N	112-050-010-000		0		10 - Tahoe Vista	3	Industrial Warehouse / Storage
29	Sierra Depot, LLC		N	112-110-033-000				10 - Tahoe Vista	3	Light Industrial

Tahoe Basin
Industrial Database

	Owner	Property Address	High Priority (Y/N)	APN	Approx % of Parcel Covered	Acres	Zoning Information	Primary Watershed	TRPA Water-shed Priority	Use
30	North Tahoe Public Utl. Dist.	5193 Lake Blvd, Carnelian Bay	N	115-030-055-000	100%	0.256	017 Carnelian Bay Tourist	9- Carnelian Canyon	3	Utilities, Public & Private
31	State of California		N	116-010-002-000		84.7		9 - Carnelian Canyon	3	Industrial Warehouse / Storage

Appendix 17

Placer County Stormwater and Erosion Control November 9, 2006

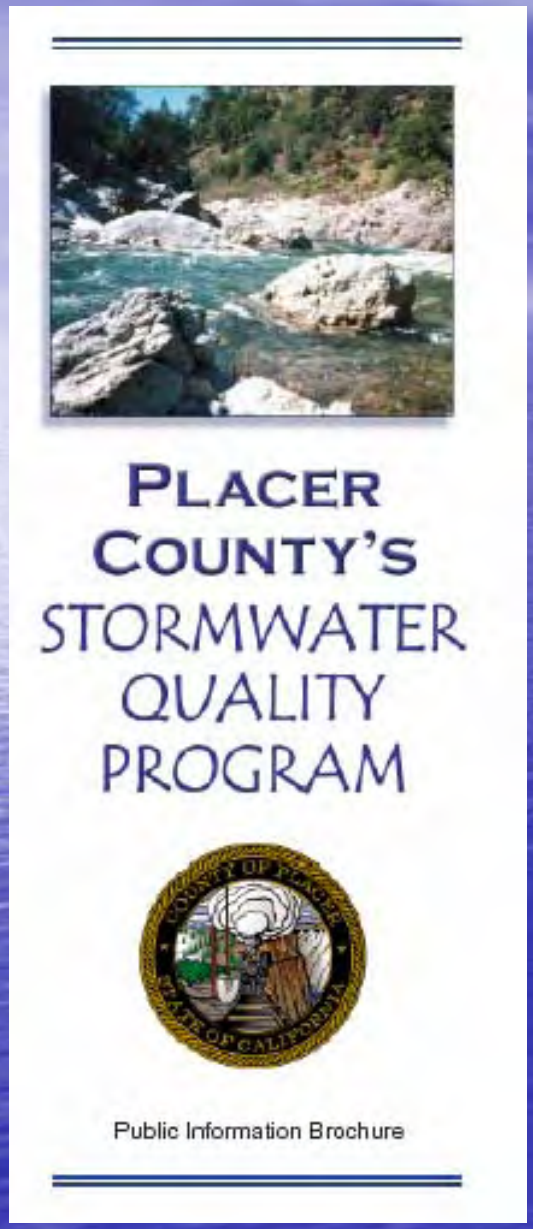
Presentation By:

Mary Keller - Placer County Stormwater Quality Program
(530) 745-7503

“WHY”

The goal of Placer County’s Stormwater Quality Program is to protect the health of all of the County’s creeks, streams, rivers, and lakes.

The Stormwater Quality Ordinance became effective Oct. 22, 2006.



Reduction of Pollutants in Stormwater, Best Management Practices

General Requirements

"Any person engaging in activities that may result in pollutants entering the storm drain system shall implement Best Management Practices to the maximum extent practicable to prevent and reduce such pollutants." **(8.28.150)**

“Big Picture” overview

- All Storm Water and Non-Storm water discharges eventually end up offsite and downstream.

- <u>Potential Pollutants include:</u>
  1. Sediment
  2. Nutrients
  3. Trash
  4. Metals
  5. Bacteria
  6. Oil and Grease
  7. Organics
  8. Pesticides
  9. Oxygen Demanding Substances

SNARAVIA

Road and Street Maintenance

What's Wrong With This Picture?

Pavement Repair

- Vacuum slurry and cuttings during sawcutting operations and properly dispose of material.
- Wash out concrete trucks where wash water will not drain to a storm drain, drainage ditch, or creek.
- Locate stockpiles of asphalt patching material on a concrete or other paved surface. Cover to prevent contact with rain.

Pavement Repair

- Mix only the amount of patching material necessary to complete the repair.
- Sweep up and properly dispose of all patching material that is left over from the repair.

Pavement Repair

- Clean trucks, equipment, and tools in designated facilities .
- If no wash facility is available, clean equipment over a layer of absorbent material spread on a paved surface and/or heavy plastic sheeting.
- Promptly sweep up absorbent and dispose of it properly.

Paint Striping

- Develop procedures for proper use, storage, and disposal of paints
- Don't apply paint when rain is likely or during high winds.
- Use drop cloths and drop pans in paint mixing areas.
- Waste handling for water-based (latex) paint:
  - Pour small quantities of unused paint in open barrels and allow to dry. Dispose of dried paint in trash.

Paint Striping

Waste handling for oil-based paint:

- Unused oil-based paint must be disposed of properly (in accordance with procedures).
- Dispose of solvents used for equipment cleaning properly (in accordance with procedures).

Street Sweeping

A street sweeper cleans up pollutants and sediments on the street to reduce the amount of pollutants entering receiving waters

Street Sweeping/Cleaning

- Maintain a consistent schedule
- Perform street cleaning during dry weather if possible
- Avoid wet cleaning or flushing of street
- Operate sweepers at optimal speed.
- Inspect sweeping vehicles for leaks, etc.
- Dispose of street debris/dirt at a landfill.
- Do not store swept material along a street or near a storm drain inlet.

Store and Handle Materials Safely

- Keep containers closed or sealed when they are not in use.

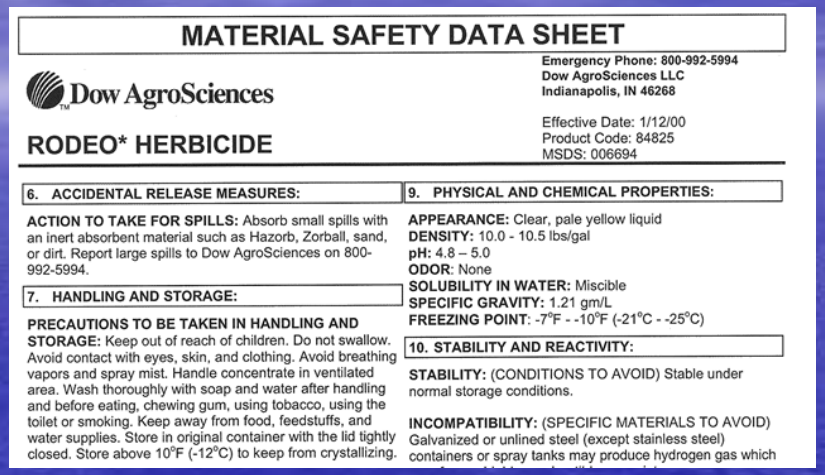
- Regularly inspect containers for corrosion or signs of leaks and replace any containers that leak.

- Store materials away from high traffic areas to prevent accidents.

- Report large spills or spills of hazardous material to your supervisor.

Clean Up Spills Properly

- Follow cleanup instructions specified on the MSDS and local procedures for the spilled material.
- Contain the spill:
  - Use a drip pan or absorbent material to collect dripping fluids.
  - If a liquid spill might enter a storm drain, use a drain mat to cover the drain.



MATERIAL SAFETY DATA SHEET

Dow AgroSciences

Emergency Phone: 800-992-5994
Dow AgroSciences LLC
Indianapolis, IN 46268

RODEO* HERBICIDE

Effective Date: 1/12/00
Product Code: 84825
MSDS: 006694

6. ACCIDENTAL RELEASE MEASURES:

ACTION TO TAKE FOR SPILLS: Absorb small spills with an inert absorbent material such as Hazorb, Zorball, sand, or dirt. Report large spills to Dow AgroSciences on 800-992-5994.

7. HANDLING AND STORAGE:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep out of reach of children. Do not swallow. Avoid contact with eyes, skin, and clothing. Avoid breathing vapors and spray mist. Handle concentrate in ventilated area. Wash thoroughly with soap and water after handling and before eating, chewing gum, using tobacco, using the toilet or smoking. Keep away from food, feedstuffs, and water supplies. Store in original container with the lid tightly closed. Store above 10°F (-12°C) to keep from crystallizing.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Clear, pale yellow liquid
DENSITY: 10.0 - 10.5 lbs/gal
pH: 4.8 – 5.0
ODOR: None
SOLUBILITY IN WATER: Miscible
SPECIFIC GRAVITY: 1.21 gm/L
FREEZING POINT: -7°F - -10°F (-21°C - -25°C)

10. STABILITY AND REACTIVITY:

STABILITY: (CONDITIONS TO AVOID) Stable under normal storage conditions.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Galvanized or unlined steel (except stainless steel) containers or spray tanks may produce hydrogen gas which

Clean Up Spills Properly

Liquid spills:

- Use absorbent materials or mop up small liquid spills. Do not hose the spill to a storm drain.
- Remove the absorbent materials promptly and follow procedures for proper disposal.

What’s Wrong With This Picture?

Storm Drain Inlet Cleaning

- Dispose of trash and debris removed from inlets in a sanitary landfill.
- Apply markers with NO DUMPING message to inlets where there is evidence of dumping.
- Report suspected dumping or pollution problems to supervisory personnel.

Ditch Maintenance

- A compost/mulch mixture with seed speeds vegetation growth and prevents erosion.

- If the channel experiences high velocities, turf reinforcement mats and/or check dams should be used to protect the channel until vegetation is established.

- Cover soil stockpiles to prevent erosion and/or install silt fence to capture sediment.

Report Pollution and Dumping

- Look for signs of pollution at the jobsite and during travel:
  - Oil sheen on water surface
  - Excess trash and debris
  - Odor
  - Colored or cloudy water
  - Dead or dying fish

- Report suspected pollution problems to your Supervisor or the Storm Water Program Coordinator.

WARNING
COUNTY
PROPERTY
KEEP OUT
12 04 2006

WARNING
COUNTY
PROPERTY
KEEP OUT
12 04 2006

10 04 2006

10 04 2006

15 03 2006

State Administrative Penalties

- Maximum Penalties are $10,000 per day, plus $10/gallon of sediment- laden or polluted water discharged for each violation

- ***Minimum Amount is the economic savings of the Violation***

CENTRAL VALLEY REGIONAL BOARD RECENT STORM WATER ENFORCEMENT

DISCHARGER	Action	Penalty	County
French Bar Bluffs	Joint Agency Enforcement	$1,400,000	Stanislaus
PL Roseville (West Park)	ACL	$900,000	Placer
Roseville / Fiddyment	ACL	$600,000	Placer
Naticchioni / Knighten	ACL	$600,000	Shasta
JMC Homes	ACL	$500,000	Placer
CRV Enterprises Inc. (Board raised to $225,000)	ACL	$150,000	Calaveras
Ochoa & Shehan, Inc.	ACL	$100,000	Shasta
Standard Pacific Homes	ACL	$10,000	Solano
Newland Communities	CAO	0	Placer

What’s Wrong With This Picture?

Appendix 18

USED OIL & FILTER RECYCLING

Tips for recycling your used oil and filters

1. Used motor oil and filters should be taken to one of the centers listed.
2. Call site first to confirm hours, materials, and quantities accepted.
3. Transport oil in leak-proof tightly sealed container. Put oil filter in a ziplock bag or other leak-proof container. Most centers accept only 5 gallons at one time. Call ahead for quantities accepted.
4. Always wait for an attendant to accept the used oil.
5. Used motor oil contaminated with water or other automotive fluids should be taken to the WPWMA HHW Facility.

1-800-CLEANUP

www.CLEANUP.org

RECYCLE USED OIL

RECYCLE USED OIL FILTERS

HHW FACILITY LOCATION

RECYCLE USED OIL

Printed on 50% recycled, 15% post-consumer paper
Partially Funded by a grant from the California Integrated Waste Management Board

HHW

Recycle Used Oil and Household Hazardous Wastes in Placer County

WESTERN PLACER WASTE MANAGEMENT AUTHORITY

RECYCLE USED MOTOR OIL AT THESE LOCATIONS

Auburn

Auto Center at Lake of the Pines*
10064 Streeter Rd. #7
(530) 268-3146

Riebes Auto Parts
200 Palm Ave.
(530) 885-5134

SpeeDee Oil Change & Tune-Up*
12021 Summer Ridge Dr.
(530) 823-0102

Auburn-Placer Disposal Service*
12305 Shale Ridge Rd.
(530) 885-3735

Kragen Auto Parts
548 Grass Valley Hwy.
(530) 823-1177

Quick Lube Service Center*
875 Marguerite Mine Rd.
(530) 887-8158

Applegate & Colfax

Applegate Garage
17914 Applegate Rd.
Applegate, CA
(530) 878-2824

Mel's Service
240 S. Auburn
Colfax, CA
(530) 346-2913

City of Colfax Used Oil Facility*
250 Rising Sun Rd.
Colfax, CA
(530) 346-2313
11 a.m. - 3 p.m.
Saturdays only

Loomis

Fox's Automotive
3590 Taylor Rd.
(916) 652-7526

Rocklin

AutoZone
6651 Stanford Ranch Rd.
(916) 630-8818

Jiffy Lube*
6070 Stanford Ranch Rd.
(916) 789-2501

Kragen Auto Parts
5601 Pacific St.
(916) 624-0393

Pick-N-Pull
6355 Pacific St.
(Taylor Rd.)
(916) 784-6350

The Refinery Mobile Division
3630 Cincinnati Ave.
Ste. A
(916) 543-7337

SpeeDee Oil Change & Tune-Up
5490 Pacific St.
(916) 632-8495

Roseville

AutoWest Buick GMC*
150 Automall Dr.
(916) 783-2077

AutoWest Dodge, Chrysler, Jeep
230 Automall Dr.
(916) 781-8100

AutoWest Honda*
500 Automall Dr.
(916) 783-7733

AutoWest Subaru, BMW*
110 Automall Dr.
(916) 780-3149

Kragen Auto Parts
106 Harding Blvd.
(916) 783-0424

Kragen Auto Parts
3993 Foothills Blvd.
(916) 782-3211

SpeeDee Oil Change & Tune-Up
660 Sunrise Ave.
(916) 781-6665

Firestone Store*
1167 Roseville Square at the corner of Harding & Douglas
(916) 783-0431

The Refinery*
9077 Foothills Blvd.
(916) 797-9434

City of Roseville Solid Waste
2005 Hilltop Circle
8:00 am 5:00 p.m. M F
Roseville residents only
(916) 774-5780

WPWMA HHW Facility*
3033 Fiddyment Rd.
Wed., Sat., Sun.
8 a.m. - 4 p.m.
(916) 645-5230 ext 4
This facility also accepts other Household Hazardous Waste. Fifteen gallons or 125 lbs. limit. FREE service! Placer. County residents only.
Call for additional information.

Tahoe Area

Eastern Regional Landfill*
Cabin Creek Rd.
Truckee, CA
(530) 587-4235

Stone's Country Tire & Automotive
8001 N. Lake Blvd.
Kings Beach, CA
(530) 546-5927

Tahoe City Chevron Service*
310 River Rd.
Tahoe City, CA
(530) 583-0211

* Accepts used oil filters.

HOUSEHOLD HAZARDOUS WASTE

Recycling & Disposal

TRANSPORTING TIPS & TECHNIQUES

Containers:

If possible, keep waste in its original container and tightly sealed.

Label material not in its original container.

No leaking containers. If a container is leaking, place entire contents into a tightly sealed, labeled plastic container.

Transporting waste:

Keep containers upright while transporting to the HHW Facility.

Do not place waste in plastic bags.

Transport in the trunk of your car or secure in your truck bed.

REDUCE THE POTENTIAL FOR DANGER

REDUCE

Buy fewer hazardous products; purchase non-hazardous alternatives.

Purchase small sizes of hazardous products. Buy and use only what you need.

SAFE USE

Always follow a hazardous product's directions for safe use.

Completely use the product. Give leftovers to a friend or neighbor to use.

PROPER DISPOSAL

Take unwanted hazardous products to the WPWMA's Household Hazardous Waste Facility.

IMPROPER DISPOSAL

Never throw HHW into the trash.
Never dump HHW down storm drains.
Never pour HHW on the ground.
Never burn HHW.

HHWs, INCLUDING OIL AND FILTERS, ARE ACCEPTED FREE OF CHARGE AT THE

Western Placer Waste Management Authority

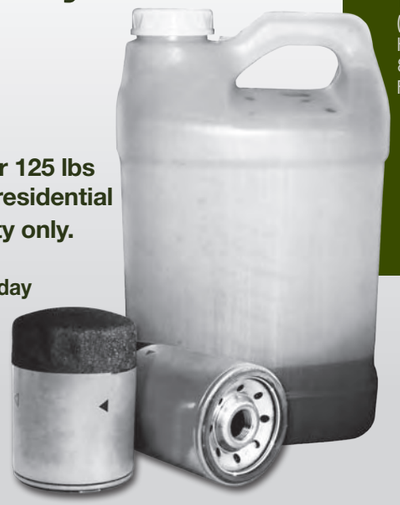
Household Hazardous Waste Facility

3195 Athens Ave., Lincoln

Limit quantities to 15 gallons or 125 lbs per visit. Services available to residential customers within Placer County only.

Hours: Wednesday · Saturday · Sunday
8 a.m. – 4 p.m.
(916) 645-5230 ext. 4

www.WPWMA.com
(916) 543-3960



ACCEPTABLE ITEMS INCLUDE

- Used Motor Oil
- Oil Filters
- Vehicle (Lead Acid) Batteries
- Small Household Batteries
- Fluorescent tubes
- Mercury containing devices such as thermometers and thermostats
- Latex Paint
- Compressed gas cylinders LESS than 5 gallons (i.e. camping-sized)

Items in this column also accepted at:
Auburn Placer Transfer Station and Recycling Center
12305 Shale Ridge Road
(530) 885-3735
Hours: Open every day
8 a.m. – 4:45 p.m.
Fees may apply.

- Antifreeze
- Brake/Transmission Fluid
- Contaminated Oil
- Other Automotive Products
- Household Cleaners
- Floor & Furniture Cleaners
- Acids
- Pool Chemicals
- Poisons
- Pesticides
- Herbicides
- Paint - Oil-Based

- Paint Strippers
- Lacquer & Lacquer Thinners
- Solvents/Degreasers
- Varnish & Shellac
- Small Aerosol Cans
- Gasoline/Kerosene & Other Flammables
- Compressed gas cylinders LESS than 20 lbs. (i.e. BBQ-sized)
- Medications
- Most products labeled DANGER, CAUTION, WARNING, FLAMMABLE, or POISON.

UNACCEPTABLE ITEMS

- Medical Wastes (except medications and sharps)
- Ammunition and Explosives
- Asbestos
- Radioactive Materials
- Compressed Gas/ Propane Cylinders GREATER than 5 gallons or 20 lbs.
- PCBs

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

If your business generates less than 220 pounds or 27 gallons of HHW per month, you may qualify as a Conditionally Exempt Small Quantity Generator (CESQG).

- For more information about CESQG, please call the Placer County Environmental Health Department at (530) 745-2300 and ask for the Hazardous Materials Section.
- To schedule an appointment for CESQG HHW drop-off, please call Nortech at (916) 645-5230, ext. 108. Costs may apply.

Appendix 19

New storm-water ordinance protects creeks from pollution

By: Gus Thomson, Journal Staff Writer
Saturday, December 30, 2006 11:01 PM PST

Placer County is taking new steps to keep all but storm water out of the area's storm drains - and ultimately out of local creeks.

A new storm-water quality ordinance gives the county more explicit authority to enforce illegal discharges by residents and businesses.

Waste the county wants to keep out of waterways includes sediment, oil, trash and pesticides.

Bob Costa, the public works manager overseeing the storm-water quality program for the county's unincorporated areas, said Thursday that the intent of establishing the ordinance provides written authority for enforcement.

"But it's our intent not to go out and issue citations," Costa said. "The biggest issue is people don't realize some of the things they do have an impact."

Many people are unaware that the water that goes down storm drains is channeled into a creek rather than a sewer treatment plant, he said.

The chief goal of the county storm-water quality program is to protect the health of the county's rivers, streams, creeks and lakes by preventing the introduction of pollutants.

Costa said the program emphasizes an education-based approach where residents and businesses are encouraged to manage activities and materials in ways that avoid the introduction of pollutants.

The new ordinance spells out not only what isn't allowed but also provides a guide on what is allowed to go down storm drains.

Auburn-area Supervisor Jim Holmes said the ordinance provides a common-sense approach to keeping pollutants like sediment out of waterways while still allowing householders to wash a car or water a lawn.

The ordinance contains exemptions that allow discharges into storm drains for:

n Landscape irrigation and lawn watering.

n Diverted stream flows and irrigation water.

n Condensation from air conditioning.

n Individual residential car washing.

n Dechlorinated discharges from swimming pools.

n Firefighting flows.

In the past, the county's enforcement focused primarily on construction sites where grading

Looking Behind the Scenes
by Jim Ruffalo
Media Life
by Gus Thomson
Off Beat
by Penne Usher
Through Irish Eyes
by Helen Bale
And Another Thing
by Susan Rushton
Guest Columns
Fun and Games
Today's Sudoku Answer
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2006 Best of the Best
2006 Bridal Guide
2006 Auburn Stampede
2006 Back to School
2006 Tevis
2006 Western States

work could allow sediment to be washed away and enter the storm-drain system.

Now that the local ordinance is in place since late October, the county plans to step up public education efforts and broaden its enforcement program to comply with state and federal laws that regulate storm-water discharges.

The county's public education efforts will be targeted at making sure the public understands what they should and should not do.

Restaurants, for example should not wash kitchen mats with grease and food in parking lots and other outside areas where waste materials can get into the storm drain system.

As another example, new homeowners putting in landscaping should not pile loose dirt where it can be washed away into storm drains. That will mean covering piles if rain is forecast.

At construction sites, where driveways are not paved, contractors should place gravel where the driveways link with public roads, so construction equipment doesn't carry sediment onto roadways.

The Journal's Gus Thomson can be reached at gust@goldcountrymedia.com.

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- Personal attacks, insults, threats, harassment, or inciting violence.
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Placer to protect creeks

County will crack down on those who wash paint or other pollutants into drains and waterways.

By Art Campos - Bee Staff Writer

Published 12:00 am PST Thursday, January 4, 2007
Story appeared in SOUTH PLACER ROSEVILLE section, Page G1

Print | E-Mail | Comments

Placer County will begin using increased powers to protect local waterways by keeping pollutants out of storm drains.

County officials say that starting early this year, they will keep a closer watch to stop residents or businesses from washing paint, oil, pesticides or other harmful chemicals into storm drains. The county also will be on the lookout for people who sweep leaves or sediment into the drains.

In taking new steps to protect local streams, local officials are putting into practice a new ordinance, enacted in the fall, to increase the county's authority to enforce regulations against illegal discharges into storm drains.

"Most people don't know the kind of impact they cause when they wash stuff down the storm drains," said Bob Costa, Placer's public works manager.

"They're unaware that the storm drain water is not treated. It doesn't go to the treatment plants, as does sewage. It gets carried directly to local creeks and streams."

The polluted runoff can be hazardous to fish, wildlife or vegetation, Costa said.

"With the ordinance, we now have enforcement ability to levy fines and issue citations," he said.

A schedule for penalties has yet to be drawn up, he said, because the county prefers to start with a campaign to educate the public about the negative effects of pollutants in the drains, he said.

"We'd rather have an educational process than a heavy-handed ap- proach," Costa said.

Among permitted discharges for storm drains are irrigation and lawn watering, residential car washing, dechlorinated swimming pool water, diverted stream flows and condensation from air conditioning.

Costa said Placer was required to enact a storm-drain enforcement program to remain eligible for a state permit that allows the county to discharge runoff into the drains under certain conditions.

About the writer:

- The Bee's Art Campos can be reached at (916) 773-2825 or acampos@sacbee.com.

Sierra Sun

SNOW 30°

Placer to regulate water quality in Squaw, Martis Valley

Joanna Hartman
Sierra Sun
January 2, 2007

Print Email

Placer County will take a closer look at water quality practices in unincorporated areas of the county, including Squaw Valley and Martis Valley, in an effort to reduce and eliminate contaminants.

Previously, county water quality programs were established only within the Tahoe Basin and on the West slope. The Oct. 22 ordinance gives the county more responsibility in the enforcement of illegal discharges on private and county property throughout Placer's jurisdiction.

Restaurants, for example, should not wash kitchen mats with grease and food waste in areas where the materials get into the storm drains. New homeowners putting in landscaping should not pile loose dirt where it can be washed away into drain systems. And construction sites should be careful with equipment so it does not carry sediment onto roadways.

Prior to adoption of the ordinance, construction sites in the unincorporated areas were monitored by the state's water control board. These areas will now be included in the county's water quality permit issued by the state.

The county plans to increase inspection efforts, where those in violation of best management practices will be verbally warned or formally cited, said Bill Costa, Placer County's public works manager.

"It's an added layer of authority to look for and address violations of water quality standards," Costa said.

Even before the approved ordinance, Placer County had the authority to prohibit illegal discharges into storm drain systems. But now, the county will be the first line of defense, Costa said.

Residents and businesses generally comply after the first warning, he said. But the county will work with the Lahontan Regional Water Quality Control Board to enforce the higher fines for those who do not adhere to best management practices and legal dumping regulations, Costa said.

Now that Placer has jurisdiction over all county property, it will monitor the watershed program at every level, from specific inspections to general creek trends, said Lauri Kemper, division manager for the water quality control board.

"Generally it's more important to get it right at the source," Kemper said of watershed contaminants.

Keeping oils and sediment out of storm drain systems is critical for water quality because stormwater is not treated before it reaches the waterways. The storm drain system includes catch basins, curbs, gutters, ditches, pipes and natural and manmade channels that are used to collect or convey stormwater.

Placer County is stepping up effort to protect local waterways from pollution in unincorporated areas of the county.

A new Stormwater Quality Ordinance that took effect Oct. 22, gives the county more explicit authority to enforce illegal discharges by residents and businesses.

The chief goal of the county's Stormwater Quality Program is to protect the health of the county's rivers, streams, creeks and lakes, by preventing the introduction of pollutants. The program emphasizes an education-based approach, where residents and businesses are encouraged to manage activities and materials in a way that will avoid introduction of pollutants, such as sediment, oil, trash, pesticides, and other pollutants into the storm drain system.

The storm drain system includes catch basins, curbs, gutters, ditches, pipes, and natural and manmade channels that are used to collect or convey storm water. Keeping pollutants out of the system is critical because stormwater is not treated before it reaches rivers and other waterways. Even before the county Board of Supervisors approved the new ordinance, the federal Clean Water Act gave the county authority to prohibit illicit discharges into the storm drain system.

In the past, county's enforcement focused primarily on construction sites where grading work could allow sediment to be washed away and enter the storm drain system.

Now that the local ordinance is in place, the county intends to step up public education efforts and broaden its enforcement program, to comply with state and federal laws that regulate storm water discharges..

The county Public Works Department is responsible for administration of the new ordinance. It drafted the measure after reviewing ordinances adopted by other cities and counties. Placer County's draft ordinance was reviewed by business, homeowner and other groups before final adoption by the Board of Supervisors.

The new ordinance includes cost-recovery provisions that could be applied for major enforcement actions and authorizes the county to start levying fees at some point in the future to cover costs of operating the program.

The county's public education efforts will be targeted at making sure the public understands what they should and should not do.

Restaurants, for example, should not wash kitchen mats with grease and food wastes in parking lots and other outside areas where waste materials can get into the storm drain system. New homeowners putting in landscaping should not pile loose dirt where it can be washed away into storm drains and should cover piles if rain is forecasted. At construction sites where driveways are not paved, contractors should place gravel where the driveways link up with public roads, so construction equipment does not carry sediment onto roadways.

The ordinance requires anyone whose activities might allow pollutants into the storm drain system to use best management practices to the greatest extent practical to minimize, if not eliminate the pollution.

The ordinance contains exemptions that allow discharges into storm drains in some cases, including:

- Landscape irrigation and lawn watering;
- Diverted stream flows and irrigation water;
- Condensation from air conditioning;
- Individual residential car washing;

- Dechlorinated discharges from swimming pools; and
- Firefighting flows.

More information about the county Stormwater Quality Program is available online at http://www.placer.ca.gov/Works/StrmWtr.aspx

A copy of the new ordinance is posted at _ http://ordlink.com/codes/placer/index.htm.