

March 2025

County of El Dorado

NPDES Trash Report - Tahoe Basin



National Pollutant Discharge Elimination System

2024 Trash Report

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1.0 Introduction

This report demonstrates how the County of El Dorado (County), Region 6, Lake Tahoe, has met the requirements of the California State Trash Amendment as required in Order R6T-2022-0046. The County is a committed partner in achieving compliance with all National Pollutant Discharge Elimination System (NPDES) requirements and will utilize the contents of its Trash Implementation Plan to guide future implementation.

2.0 Background

On April 7, 2015, the State Water Board adopted an Amendment to the Water Quality Control Plan for Ocean Waters of California (Ocean Plan) to Control Trash and Part 1 Trash Provision of the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries (ISWEBE Plan). Together, they are collectively referred to as 'the Trash Amendments'. The project objective for the Trash Amendments is to provide statewide consistency for the Water Boards' regulatory approach to protect aquatic life and public health beneficial uses, and reduce environmental issues associated with trash in state waters, while focusing limited resources on high trash generating areas.

The Trash Amendments apply to all Phase I and II permittees under the NPDES municipal separate storm sewer systems (MS4) permits. The State Water Resources Control Board Executive Director sent separate 13383 Orders to traditional and non-traditional Small MS4 (see below) permittees on June 1, 2017. Regional Water Quality Control Boards, as the Permitting Authority, issued to their Phase I permittees either Water Code 13383 or 13267 Orders that contain region specific requirements, which may differ from the State Water Resources Control Board orders.

Upon reissuance or amendment, State and Regional Water Board MS4 permits and the statewide storm water permit for the California Department of Transportation (Caltrans) contained trash control implementation requirements and compliance milestones to demonstrate progress towards 100 percent compliance with the Trash Amendments. The General Permits for Stormwater Discharges Associated with Industrial and Construction Activities contained the prohibition of trash in storm water and non-storm water discharges when those permits are reissued. 13383 Orders were not issued to dischargers of storm water associated with industrial or construction activities.



On June 2, 2017 El Dorado County (County) received a Water Code 13383 Order from the Lahontan Regional Water Quality Control Board (LRWQCB) to submit a method to comply with the statewide Trash Provisions. The County is a permittee under the LRWQCB Order No. R6T-2017-0010, National Pollutant Discharge Elimination System (NPDES) No. CAG616001. In response to that Order, the County selected Track 2 as its preferred compliance option. This compliance option required the submittal of an implementation plan by December 1, 2018 that included:

- a) Proposed locations where any combination of controls will be implemented that will achieve Full Capture System Equivalency (FCSE);
- b) The rationale for how the selected combination of controls will achieve Full Capture System Equivalency; and
- c) A description and rationale for how Full Capture System Equivalency will be demonstrated.

On August 29, 2017, the County submitted a letter to the Executive Officer of the Lahontan Regional Water Quality Control Board requesting Track 2 as the preferred compliance option. Additionally, in conformance with the permit requirement, the County is opting for Track 2 compliance in accordance with NPDES order# CAG616001 Attachment H.

In March 2023, the County submitted via SMARTS its developed Trash Implementation Plan (**Appendix A**) which contained the necessary information for meeting this Track 2 statewide requirement to meet compliance with water code 13383, Order No. R6T-2022-0046 Section H, as drafted in the September 14, 2022 order from the Lahontan Regional Water Quality Control Board.

Lake Tahoe Total Maximum Daily Load (TMDL)

For several decades, the County has implemented projects aimed at reducing fine sediment particles (FSP) from entering Lake Tahoe. Projects include treatment systems, pretreatment systems, traps, sumps, basins, collection areas, infiltration features etc. The program is aimed at reductions in FSP <16um in diameter. This TMDL has had a profound impact on improving Lake Tahoe's famed clarity while meeting regulatory goals. This management system includes maintenance of infrastructure and treatments to mitigate sediment, though through the filtering of fine sediment, the County also has large load reductions in trash that are conveyed to these systems. Through the treatment / filtering of FSP, the County has also

had a profound impact on the reduction of trash from tributaries and intervening zones.

Background

Lake Tahoe is a national treasure and was designated by the Environmental Protection Agency (EPA) as an Outstanding National Resource Water (ONRW). In order to establish long term water clarity trends and to monitor Lake Tahoe's health, Lake Tahoe clarity measurements have been taken consistently since 1968. The long-term trend had shown a historically declining condition, but the trend has exhibited moderate improvement, particularly over the previous decade (2002 – 2011)ⁱ. In order to continue to improve this trend, a TMDL was developed for Lake Tahoe. The TMDL process identifies the maximum load of a particular pollutant that a water body is able to assimilate while fully supporting its designated uses. The Lake Tahoe TMDL has an endpoint target of mean annual water clarity of 97.4 feet, which was the measured clarity during the period from 1967 to 1971.

In 2011, Lahontan completed a TMDL analysis for Lake Tahoe and determined that an increased emphasis should be placed on controlling very fine sediment particles, which are less than 16 micrometers in diameter, from the urban areas surrounding Lake Tahoeⁱⁱ. As a result, Lahontan adopted Basin Plan Amendments (BPA) to modify their water quality protection mandates to focus local Basin jurisdictions' efforts toward controlling fine sediment loading. Along with the BPA, an updated NPDES Permit was adopted, requiring the local jurisdictions to participate in the LCCP. The LCCP is a process to plan for, declare, track, monitor and report on pollutants of concern. The LCCP has since gone through several renditions; and is finally complete and usable. County staff believe that along with the fine sediment reductions associated with the Tahoe TMDL, the implementation of this program has had a profound impact on trash containment, storage and removal.

Vacuum Truck Operations

The vacuum truck is the primary equipment used to clean / maintain water quality BMPs and County infrastructure needed to comply with the Tahoe TMDL. This equipment is primarily used during spring, summer and fall to clean out and maintain infrastructure including catch basins, drop inlets, sediment traps, conveyance channels, swales and treatment systems. This has a direct benefit to water quality and trash reductions through the restoration of properly functioning condition of water quality BMPs. The truck supports roadwork, general maintenance and operations in the Lake Tahoe Basin that support the environmental improvement program, NPDES permit and the TMDL.

This vacuum truck is managed by the County's Maintenance Division and run through a sophisticated inspection, prioritization, maintenance, tracking and reporting protocol. The County uses a program called "ArcGIS Field Maps" that

allows the truck operators and maintenance workers to collect information with regard to operations and maintenance. Staff use this information to manage workforce activities based on the need of critical, high, medium and low priorities - allowing the most critical areas to be managed first then prioritized based on geographic location. Information is collected through the County NPDES program and reported to the Regional Board annually. Having efficient and reliable machinery allows for improved maintenance and increased recovery of material including trash.

Street Sweeper Program

The County of El Dorado (County), Department of Transportation (EDOT) owns and operates two street sweepers in the Tahoe Basin including a Tymco 500X and an X-Broom street sweeper. Advanced methods are needed to meet the trash, sediment and air quality thresholds in the Lake Tahoe Basin.

High-efficiency street sweepers are included in the Environmental Improvement Program (EIP) under the improving air quality action priority, although it is recognized that they have multiple threshold benefits including trash. The purchase and use of high efficiency sweepers will result in a reduction of trash, fine sediment particles and nutrient loading from urban roadways and will reduce the amount of fine sediment particles that can become airborne. This will result in direct benefits and contribution to the EIP goals of reducing the pollutants that impact air quality and improve water quality.

According to Duncan et al. (1985) implementation of a thorough sweeping program can reduce emissions from paved roads by approximately one-third. Cowherd (1988) estimated that a range of 33-37% emission reduction rate for particulate matter less than 10 microns from paved roadways was possible with a vigorous sweeping program. Street sweeping is a cost-effective pollutant control practice. This Project will allow the stakeholders to utilize modern technological products and methods to enhance the effectiveness of traction abrasive recovery and trash in the Tahoe Basin as well as all other sources of material that can become airborne or transported in stormwater runoff.

El Dorado County currently recovers approximately 750 tons of material annually through its existing sweeping program. The Minnesota Stormwater Manual estimated that 2% of the recovered material is sent to the landfill as trash debris based on the St. Cloud sweeper program. Using this 2% estimate the County estimates potential recovery of trash to be upwards of 15 ton through its existing street sweeping efforts. This sweeper program combined with the institutional controls and programmatic water quality efforts is having a profound impact on trash reductions.

Microplastics Workgroup

The County is an agency partner in the convergence accelerator program through a National Science Foundation grant with the goal to bring together scientific researchers and stormwater/water managers to discuss concerns around emerging contaminants and develop solutions using a variety of tools (new treatment technologies, new educational approaches, etc). As an agency stakeholder partner, County staff engage in review of developed stakeholder materials, thinktank meetings and interagency collaboration.

Microplastics are a contaminant of emerging concern around the globe. In response to growing concern about plastics in the region, the Tahoe Science Advisory Council (Council) convened a working group of local and regional experts to summarize and document microplastics and plastic pollution research at Lake Tahoe, and the Tahoe Basin. Using available information, the group was then charged with highlighting key information and data gaps, and with making recommendations for next steps.

Some of the Research Areas of Concern / Interests, Gaps of Knowledge to Address with this group include:

- Sources and Sinks / Fate and Transport
 - Stormwater
 - Atmosphere
 - Pollution - specific locations & activities
- Quantification / Concentrations in Lake Tahoe
- Impacts
 - Lake clarity and quality
 - Drinking water
 - Biota
 - Biogeochemical cycling
 - Toxicity Thresholds for human, wildlife, and ecological health (nearshore, offshore)
- Source Reduction, Prevention, Mitigation
 - Track trends of pollution and effectiveness of mitigations
 - Regulatory Controls
- Public Awareness, Outreach and Messaging
- Sources of other plastic pollution

3.0 Monitoring & Reporting Program Annual Report

A. *Trash Reduction Implementation*

The County updated its Trash Implementation Plan to comply with Attachment H of the Municipal NPDES Permit. In March 2023, the County uploaded documents into SMARTS including trash area inventory, trash generating area map and trash implementation plan to meet H.9., Full Capture System Equivalency. The current Trash Provisions are thereby incorporated into SMARTS through the Municipal annual report as required by Monitoring and Reporting Program Section C.4.11 and Attachment H. The following are permanent means by which the County program handles trash on an annual basis as well as the Trash Implementation Plan that can be found in **Appendix A**.

The County continued to meet the requirement of the permit and progress toward milestones as demonstrated below. Institutional controls, treatments as well as existing cleanup efforts have exceeded all expectations with regard to this permit. All progress toward achieving trash implementation plan goals was also completed. This includes the priority areas as well as most areas in the unincorporated portion of El Dorado County, Tahoe Basin. Effectiveness of the program in meeting full capture system equivalency is demonstrated below. The County is confident that through these efforts, ~100% trash capture was realized through existing efforts which also led to a similar reduction in trash to receiving waters of the Lake Tahoe Basin. The County is a partner in the Environmental Improvement Program and strives to meet the requirements of permit conditions that meet objectives as well as serve the taxpayers in achieving environmental results that benefit all resident and visitors of the County.

Below are some results reported from efforts in CY 2024:

- 1.) The County sweeps all primary roads at least twice monthly and all secondary roads at least twice per year (Section C below). Primary roads are highly travelled main thoroughfares with high traffic volumes. Nearly all commercial and multifamily areas are located on primary roads. The County also utilizes the CCCs for routine maintenance which includes site cleanup and trash pickup of drainages and facilities.
- 2.) Existing trash cleanup efforts and community efforts
 - a. Clean Tahoe Program <http://clean-tahoe.org/>
 - i. Summary below of 2024 South Lake Tahoe trash recovery:
 - A. Collected 541 cubic yards of litter/debris
 - B. Picked up 373 illegal dumps in the city

- C. Cleaned 373 animal – in – trash incidents
 - D. Assisted 105 City residents with hauling bulk items to South Tahoe Refuse
 - E. Cleaned 55 homeless camps / transient related messes
 - F. Returned 260 shopping carts
- ii. The Clean Tahoe Program has two full-time field crew workers who drive scheduled routes through each neighborhood in the City and County areas of South Tahoe and pick up litter and illegally dumped items. In all, they clean more than 350 lineal miles of public thoroughfares. They also respond to numerous calls each day from citizens in the City and County reporting illegally dumped items and animal-in-trash incidents.
 - iii. Their local trash and litter ordinances are intended to both keep the community litter-free and to ensure bears, coyotes, raccoons, and other wildlife do not have access to trash. When they see a trash ordinance violation, they clean up any litter or debris in the area and also issue a Courtesy Notice or Warning, where they inform the property owner about the ordinance and what needs to be done to remedy the situation. Common problems include: evidence of animal access to trash, overflowing dumpsters, improperly secured garbage that has been blown through the neighborhood on a windy day, and furniture or other bulk items left out in view. After issuing a Courtesy Notice, they re-inspect the property within 10 days to ensure the problem has been corrected, and they refer non-compliance and repeat offenders to the appropriate jurisdiction depending on the violation and situation.
 - iv. In addition to routine cleanup and education services, and trash receptacles, Clean Tahoe hosts a number of events throughout the year, including neighborhood spring cleanups, the Great Sierra River Cleanup, and a Community Cleanup Day where residents can bring unwanted items to the Refuse Center at greatly reduced rates.
 - v. The Clean Tahoe field crew is also responsible for servicing certain trash and recycle cans throughout the community, and Clean Tahoe was instrumental in pursuing a grant which

allowed the installation of bear-resistant trash and recycle cans at bus stops and other public locations.

- vi. Over the years, Clean Tahoe has won a number of awards for service to the community. They were awarded the State of California Department of Transportation's Adopt-a-Highway Volunteer of the Year award in 2012 and the 2013 South Tahoe Chamber of Commerce Blue Ribbon Honorable Mention Award in the small green business category.

b. League to Save Lake Tahoe

- i. Summary below of 2024 South Lake Tahoe trash recovery:
 - A. 167 cleanups
 - B. 1,002 volunteers (includes repeat volunteers)
 - C. 4,430 pounds of litter removed
 - D. 7,380 gallons of litter removed
 - E. 89,339 litter items removed
 - F. 3,015 acres cleaned
- ii. The League to Save Lake Tahoe is the most engaged group in the County for Public Outreach / Education and community stewardship. The League routinely cleans beaches of litter and debris and promotes trash removal through responsible citizen engagement.
- iii. Tahoe Blue Crew – Tahoe Blue Crew empowers and supports anyone to help create a litter-free Lake Tahoe. Litter harms the Tahoe ecosystem by spreading bacteria, clogging storm drains, leaching chemicals, marring our pristine outdoors, and harming wildlife. Community cleanups like those conducted by the Blue Crew reduce litter, protect our ecosystem, raise awareness, and build environmental stewardship.
- iv. Pipe Keepers – This group promotes volunteer measuring of stormwater runoff and facilities that includes trash identification and cleanup.
- v. Eyes on the Lake – Tailored to invasive species identification this group also keeps eyes on sensitive waters to promote clean and trash free waters.
- vi. Education Programs – The League engages all groups from adult community to childhood development to promote clean and trash free waters.
- vii. Transportation / Recreation Planning – The League is involved in all aspects with respect to planning projects that

- include responsible environmentally minded solutions to limiting trash.
- viii. Agency Coordination – The League coordinates with all agencies on environmental issues with regard to trash and trash mitigation / cleanup.
 - ix. [2022.09.19-LTSLT-Support-for-City-SLT-Plastic-Reduction-Ordinances.pdf \(keeptahoeblue.org\)](#)
- c. Take Care Tahoe [takecaretahoe.org](#)
- i. The campaign was designed for use in outreach efforts by public agencies, private businesses and nonprofit organizations in the Region. Aimed at residents and visitors, the campaign is a series of reminders that poke fun at the mistakes we all make when we're not paying attention.
 - ii. The initial launch started in 2015 and includes messages regarding: general litter, cigarette butts and beer bottle litter, dog waste, fire safety, bear awareness, and aquatic invasive species prevention. A Take Care Kit featuring the digital files for all of the messages is now available to download for free at [takecaretahoe.org](#).
 - iii. Take Care was developed by the Lake Tahoe Outreach Committee, which is comprised of the League to Save Lake Tahoe, Tahoe Fund, Tahoe Regional Planning Agency, UC Davis Tahoe Environmental Research Center, Tahoe Resource Conservation District, and Tahoe Sustainability Collaborative.
- d. South Tahoe Refuse – STR hosts community cleanup days that periodically allow free dumping for the public. STR recycles thousands of tons of trash, debris and hazardous materials annually. In 2024 South Tahoe Refuse along with the County collected 661,605 pounds of Household Hazardous Waste (Appendix C).
- e. County Trash Ordinances
- i. Sec. 8.42.700. - Littering, accumulation of litter, and illegal dumping prohibited.
 - ii. CHAPTER 8.76. – Bear-Resistant Garbage Can Enclosures
 - iii. Sec. 8.76.050. - Violations.
 - iv. Sec. 8.79.150.D. – Stormwater Quality Ordinance

f. City of South Lake Tahoe Ordinances

- i. [Converted from C:\Windows\Temp\ufc\conversion-4299606\input.docx to C:\Windows\Temp\ufc\conversion-4299606\output.pdf by EasyPDFConvert.exe version 17.12.8.0 at 2022-09-06 23:33:47Z \(legistarweb-production.s3.amazonaws.com\)](#)
- ii. Ban on single use plastic water bottles in South Lake Tahoe
- iii. Ban on Single use plastic container and food service wear items
- iv. Ban on polystyrene containers for food service
- v. Nearshore Lake Cleanup Diver Recovery

g. California Conservation Corps (CCC) Trash Walks

- i. The CCC implements trash walks into their operations as time permits. Using existing staff, they walk Meyers Creek and nearby South Lake Tahoe locations, removing litter / debris as part of conditioning exercises. Though currently not quantitatively tracked, their program is a partner in trash cleanup and helping keep our waterways clean.

h. El Dorado County Environmental Management

- i. Trash bins for all health and food facilities are inspected routinely with each inspection to ensure proper disposal and containment. Violations must be addressed immediately and adequately fixed (stormwater violations, Appendix C).
- ii. During inspections, the inspectors look for wastes that are not being managed per the applicable laws and regulations. They look for the integrity of the waste containers and secondary containment (if applicable), proper use of lids on these containers, and evidence of leaks. Inspectors discuss spill clean-up procedures and contingency plans with the facility. (See Appendix C for Environmental Management Report)

3.) Existing BMPs - The County has retrofitted most outfalls with sediment traps and capture systems that are capable of removing particles <16 micrometers in diameter as required by the Lake Tahoe TMDL. This program, which has been in development for more than 30 years and is regulated as part of the lake clarity crediting program. BMPs capture all flow volumes which subsequently contain stormwater generated materials

including trash. This material is then cleaned via hand or vacuum truck to remove accumulated materials.

- 4.) The NPDES Permit requires the reduction of fine sediment particles (FSP <16um). Mitigation measures include the use of street sweeping, particle capture devices and BMPs to control FSP. Capture devices for particles of this diameter will also capture trash debris >5mm in diameter. Therefore, the County is confident that the majority of all remaining litter is captured in existing particle capture devices and BMPs. Maintenance records of BMPs and infrastructure can be found in Appendix D. Maintenance of these assets also include removal of any/all trash.

B. Trash Inspection Results

The County completed On-Land Trash Assessment Protocol for Stormwater “OVTA” ⁱⁱⁱ assessments at all identified locations to ensure compliance with the trash management plan in meeting full capture system equivalency. All identified areas met the Condition A – Low Trash Level criteria. According to the Visual On-Land Trash Assessment Protocol for Stormwater, the description of Grade A is “Effectively no trash can be observed on a city block or the equivalent. There may be some small pieces in the area, but they are not obvious at first glance and one individual can quickly pick them up.”

The County is confident in its assessment that system equivalent measures currently in place are very effective at eliminating trash with observations and data supporting it. The current institutional alternative controls in place are working in meeting full trash capture system equivalency.

C. Storm Water Facilities Inspection Report

The County logs data for all project areas inspected and/or maintained, along with the number of inspections that occurred in each area.

The Municipal Permit requires, at a minimum, that storm water collection, conveyance, and treatment facilities be visually inspected annually. Such facilities shall include, but are not limited to the following:

- Storm drain inlets
- Sediment collection devices (sediment traps, etc.)
- Storm drain pipes

- Curb and gutter
- Asphalt dikes
- Rock lined ditches
- Swales
- Storm water outfalls/discharge points
- Treatment basins
- Treatment vaults
- Road shoulders

The Permit also requires that all stormwater facilities be inspected for signs of needed maintenance, evidence of erosion, damage from snow removal equipment, and accumulated sediment, debris and material. During inspections, permittees also assess potential storm water pollution sources that include but are not limited to the following:

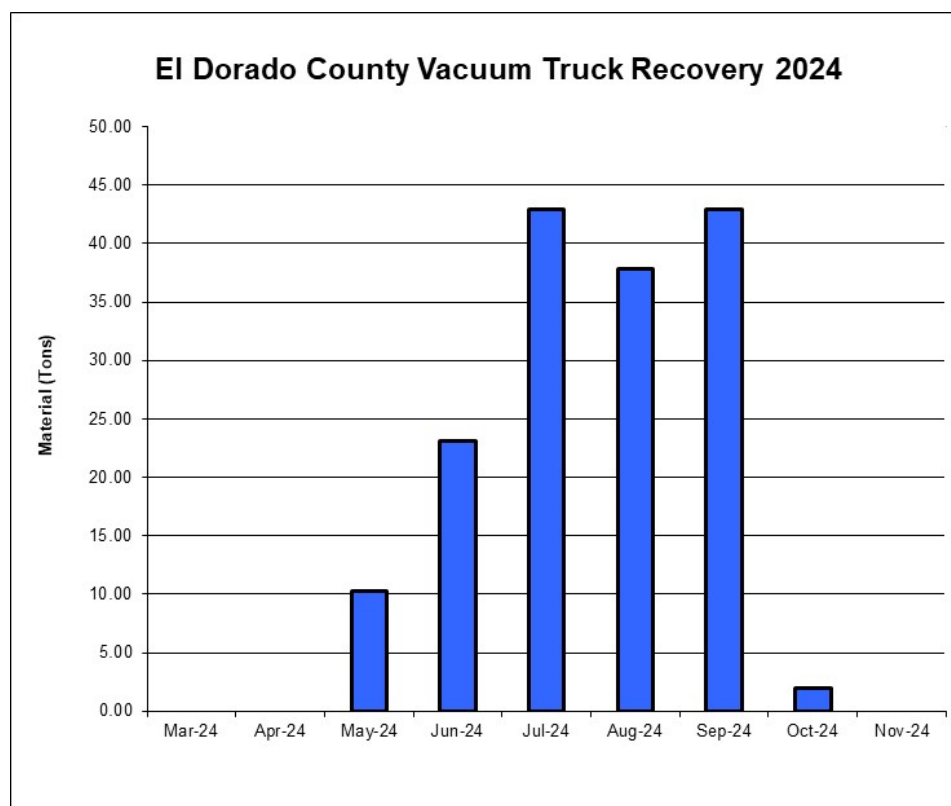
- Private property/residential runoff
- Commercial property runoff
- Eroding cut slopes
- Eroding road shoulders
- Traction abrasive application
- Dislodged sediment from snow removal activities
- Vehicle tracking sediment onto the roadway
- Parking related erosion

2024 BMP Maintenance results Update

Vacuum Truck

The vacuum truck is a critical piece of equipment for removing material in storm drain systems including trash. In 2024, the County inspected thousands of structures, pipes, conveyances, treatment systems. The County maintained approximately **129** structures, **30** conveyances, **62** pipes and 5 treatment systems, recovering an estimated **123 yards** or **158 tons** of sediment and material from structures, pipes and conveyances (Appendix D). This included all vector work and maintenance of BMPs, but did not include sweeping. The types of BMPs inspected/maintained included sand/sediment traps, vaults, drop inlets, conveyance swales, sediment basins, rock lined channels, conveyance pipes and flow lines.

Date	\$ / lb	lbs / hour	Total Material (yards)	Total Material (tons)	Total Hours (Vactor)	Date	Operator Cost (Vactor)	Vactor Cost	Refuse Fees	Total Monthly Vactor Cost
Mar-24	\$ -	0	0	0.00	0	Mar-24	\$ -	\$ -	\$ -	\$ -
Apr-24	\$ -	0	0	0.00	0	Apr-24	\$ -	\$ -	\$ -	\$ -
May-24	\$ 0.27	1140	8	10.26	18	May-24	\$ 1,778	\$ 1,278	\$ 2,544	\$ 5,600
Jun-24	\$ 0.30	1026	18	23.09	45	Jun-24	\$ 4,445	\$ 3,195	\$ 6,265	\$ 13,905
Jul-24	\$ 0.32	953	33	41.68	88	Jul-24	\$ 8,643	\$ 6,213	\$ 12,065	\$ 26,921
Aug-24	\$ 0.23	1376	30	37.83	55	Aug-24	\$ 5,433	\$ 3,905	\$ 8,011	\$ 17,349
Sep-24	\$ 0.20	1591	34	42.96	54	Sep-24	\$ 5,334	\$ 3,834	\$ 8,079	\$ 17,247
Oct-24	\$ 0.55	550	2	1.92	7	Oct-24	\$ 691	\$ 497	\$ 913	\$ 2,102
Nov-24	\$ -	\$ -	0	0.00	0	Nov-24	\$ -	\$ -	\$ -	\$ -
	\$ / lb	lbs / hour		Total Material (tons)						
Average Annual	\$ 0.21	737								
Total Annual			123	158	267	Total Annual	\$ 26,325	\$ 18,922	\$ 37,877	\$ 83,124

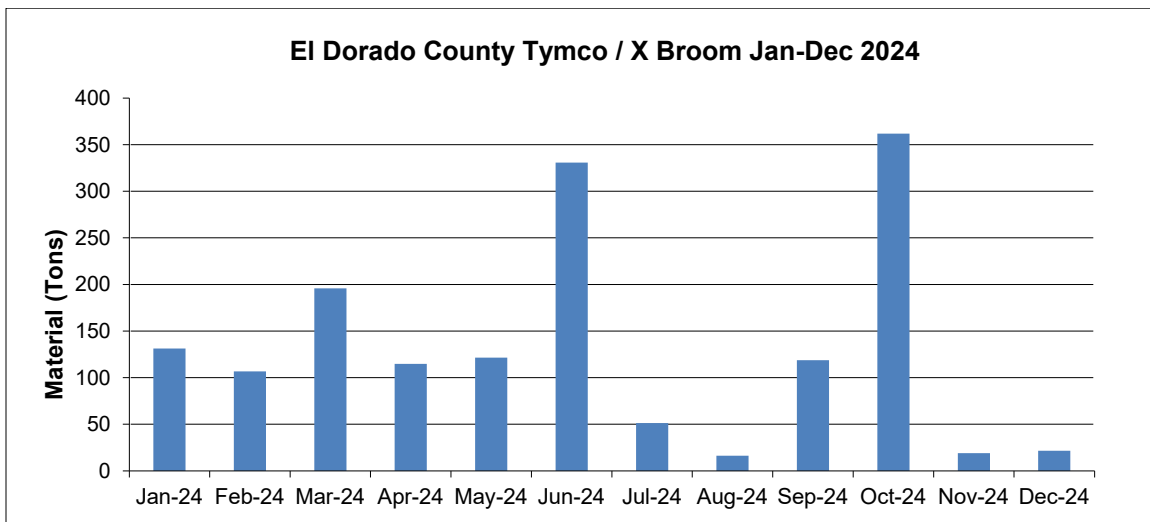


Street Sweeper

The operational efficiency varies depending on equipment failures, as well as availability of maintenance workers time relative to other priority jobs (i.e. paving, overlaying, snow removal etc.). In 2024 the County was very successful in operating and maintaining sweeper equipment. However, as with all winters adverse conditions can pose a problem when it comes to the ability to sweep when roads are buried by extreme winter weather events and therefore deployment of sweeping can be nearly impossible at

times. The County also dedicates significant resources to road repairs during late summer months, which can also hinder sweeping efforts. Nonetheless, in 2024 the County recovered 1589 tons of material with its sweeping program, recovering approximately 4421 lbs/hour with an operational efficiency of \$0.06/lb. These are some of the largest recovery amounts on record indicating the County's commitment to ensuing targeted and efficient sweeper operations and skilled equipment maintenance. The operational and efficiency data from the sweepers for calendar year 2024 are included below.

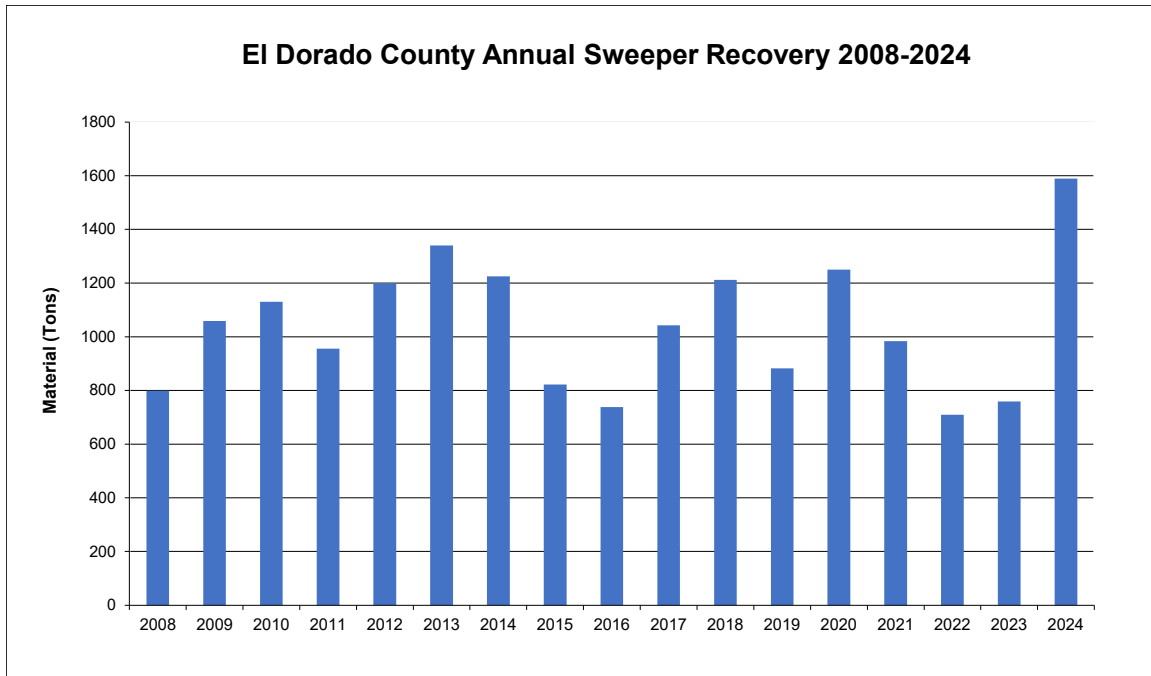
Tymco / X Broom					Tymco / X Broom					
Date	\$ / lb	lbs / hour	Total Material (tons)	Total Man Hours (Sweeper)	Date	Operator Cost (Sweeper)	Sweeper Cost	South Tahoe Refuse	Total Monthly Sweeper Cost	Miles Swept
Jan-24	\$0.03	6106	131	43	Jan-24	\$3,767.23	\$3,053.00	\$2,025.30	\$8,845.53	359
Feb-24	\$0.03	7618	107	28	Feb-24	\$2,453.08	\$1,988.00	\$1,318.80	\$5,759.88	248
Mar-24	\$0.03	6525	196	60	Mar-24	\$5,256.60	\$4,260.00	\$2,826.00	\$12,342.60	445
Apr-24	\$0.03	6652	115	35	Apr-24	\$3,022.55	\$2,449.50	\$1,624.95	\$7,097.00	198
May-24	\$0.07	2859	122	85	May-24	\$7,446.85	\$6,035.00	\$4,003.50	\$17,485.35	581
Jun-24	\$0.04	5168	331	128	Jun-24	\$11,214.08	\$9,088.00	\$6,028.80	\$26,330.88	817
Jul-24	\$0.07	2931	51	35	Jul-24	\$3,066.35	\$2,485.00	\$1,648.50	\$7,199.85	197
Aug-24	\$0.16	1296	16	25	Aug-24	\$2,190.25	\$1,775.00	\$1,177.50	\$5,142.75	192
Sep-24	\$0.05	4168	119	57	Sep-24	\$4,993.77	\$4,047.00	\$2,684.70	\$11,725.47	386
Oct-24	\$0.04	4668	362	155	Oct-24	\$13,579.55	\$11,005.00	\$7,300.50	\$31,885.05	814
Nov-24	\$0.09	2363	19	16	Nov-24	\$1,401.76	\$1,136.00	\$753.60	\$3,291.36	129
Dec-24	\$0.08	2700	22	16	Dec-24	\$1,401.76	\$1,136.00	\$753.60	\$3,291.36	140
	\$ / lb	lbs / hour	Total Material (tons)							
Average Annual	\$0.06	4421								
Total Annual			1589	683	Total Annual	\$59,793.83	\$48,457.50	\$32,145.75	\$140,397.08	4506
Average Monthly			132	57		\$4,982.82	\$4,038.13	\$2,678.81	\$11,699.76	376
			Jan-May 2024 tot mat. Tons							
			670							
			Jun-Dec 2024 tot mat. Tons							
			919							



Monthly Sweeper Data

Average Monthly Sweeper Recovery	Tymco / X Broom 71-12, 71-10
Jan 2024 - Dec 2024	
Average Monthly Miles	377
Average Material (tons)	132
Average lbs	339,710
lbs/mile	901
lbs/hr	4657
tons	170

Street Sweeper Material Recovery		
	Cubic yards (yd^3)	Tons
2008	623	799
2009	826	1059
2010	882	1131
2011	745	955
2012	936	1200
2013	1045	1340
2014	955	1225
2015	641	822
2016	575	738
2017	813	1043
2018	945	1212
2019	688	882
2020	975	1250
2021	767	984
2022	554	710
2023	563	759
2024	1177	1589



D. Construction Site Inspection Report

Residential Project Inspections

Good housekeeping practices including construction site maintenance are imperative for trash management. The County developed a standard operation procedure for BMPs to conduct and track site inspections. This BMP policy outlines the procedures for both summer and winter inspections including procedures for sites in compliance and in non-compliance. The County Building Division tracks all inspections in a system called “Trakit”, which will help with the strategic coordination and routing of permits to necessary divisions such as stormwater and code enforcement.

The Tahoe Planning and Stormwater Division works with the County’s Building Department to develop prioritization for private sector construction sites. The highest priority construction projects in 2024 were located on lake front parcels. Per the County’s Memorandum of Understanding (MOU) with TRPA, the TRPA inspects BMPs and erosion control requirements / housekeeping on lake front parcels though County building inspectors do also look at BMPs / housekeeping during routine building inspections. TRPA is responsible for both temporary and permanent inspections on these high priority sites through an MOU. While in the field TRPA inspects the project site for temporary BMPs, staging/storage areas and evaluates

impacts from construction activities including disposal / housekeeping practices.

The County inspectors look at BMPs along with construction housekeeping / disposal practices at all active construction sites during every visit. A working relationship exists between divisions (building inspectors and stormwater managers) with roles and expectations outlined that brings a collaborative approach to meeting interdepartmental goals.

E. Commercial, Industrial & Municipal Site Inspection Report

In 2024 the County inspected all commercial, industrial and municipal sites based on a prioritized need. The need is based on the property type, potential pollutant sources and proximity to surface waters. In addition to priority OVTA sites, all priority commercial sites were inspected for trash and overall site condition (**Appendix B**). This exercise was completed in ArcGIS and used best professional judgment. All priority sites were inspected in 2024 as required by the NPDES Permit.

In coordination with the Tahoe Planning & Stormwater Division, the Environmental Management (EM) Department has developed a system to track these inspections in a database. The list of priority sites were determined through a detailed inventory and GIS exercise. Also included in that list are the associated inspection summaries. This system allows the County to effectively inspect all its sites on a frequency deemed appropriate to protect water quality. High priority sites are inspected annually in order to protect water quality and medium to low priority sites are inspected on a less frequent basis.

All EM inspections include a Garbage and Refuse component. When inspecting any site whether it is for food safety or for hazardous materials, the inspector is looking at potential contaminants, sources and issues that could affect storm water systems and/or surface waters including trash. All inspectors have been trained by qualified NPDES staff to ensure that sites are inspected as required and that information is tracked accordingly. The Stormwater Division also supplements inspections as needed to ensure that all facilities are inspected and that all sites are in compliance with permit conditions.

The EM Department has specific codes in its inspection database related to NPDES and associated violations. These include:

- AA22 Sewage and Wastewater Properly Disposed
- AA42 Garbage and Refuse Properly Disposed; Facilities Maintained

- AA60 Improper oil/Grease Disposal into Parking/Street
- AA61 Condition of Refuse Containers & Trash Bin Enclosures
- AA62 Washing Mats/Filter/Trash Bins into Parking or Street Areas
- AA63 Improper Methods for spill Cleanup/ Hosing Area
- AA64 Maintenance Records: Lack of/Not Current

The inspectors are trained on specific storm water related enforcement actions including illicit discharges, improper disposal of materials, trash / debris, wash water discharges to storm water systems, improper outdoor grease trap operation and illegal connections.

4.0 Conclusions, Recommendations & Next Steps

This Annual Report demonstrates the County's commitment to protect water quality and develop efficient and cost-effective means for meeting NPDES Permit conditions and trash requirements. The County strives for excellence in its SWMP to formulate plans and programs that protect the public and benefit the local taxpayers. The County has been very active in getting all supporting staff/programs to participate and help make the transition between workloads as integrated and seamless as possible for collaborative implementation. There are always improvements being made to support all Departments with their respective roles in this important effort.

The County is an active partner and key participant in the TMDL and LCCP efforts and considers itself a leader in the development of cost-effective solutions to improve programmatic goals. The County is committed to meeting all the conditions of the NPDES Permit and requirements of the Clean Water Act and looks forward to continuing to work with Lahontan staff on the implementation of its trash reduction program.

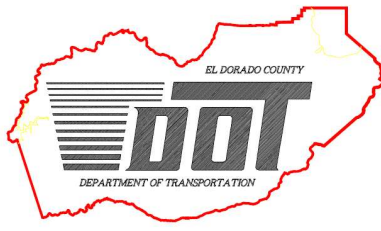
5.0 References

ⁱ Tahoe Regional Planning Agency. 2011. Threshold Evaluation Report – Water Quality. Pg 4-18.

ⁱⁱ Lahontan Regional Water Quality Control Board (LRWQCB) and Nevada Division of Environmental Protection (NDEP). 2010. Final Lake Tahoe Total Maximum Daily Load. http://www.swrcb.ca.gov/rwqcb6/water_issues/programs/tmdl/lake_tahoe/docs/tmdl_rpt_nov2010.pdf

ⁱⁱⁱ EOA, Inc. 2015. On-land Visual Trash Assessment Protocol. Version 1.3. April. [EOA, Inc. » On-Land Visual Trash Assessments \(eoainc.com\)](http://eoainc.com)

APPENDIX A



March

2023



National Pollutant Discharge Elimination System

2023 Trash Implementation Plan

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APPENDICIES

Appendix A – Priority Area Mapping – Commercial, Industrial, Multi-family

Appendix B – Priority Assessment Justification Table

Appendix C – Priority Assessment Areas Map – OVTA scores

Appendix D – Example Photos

1.0 Introduction

Attached herein is the implementation plan that outlines how the County of El Dorado (County), Region 6, Lake Tahoe, intends to meet the requirements of the California State Trash Amendments. The County is a committed partner in achieving compliance with all National Pollutant Discharge Elimination System (NPDES) requirements and will utilize the contents of this plan to guide implementation.

2.0 Background

On April 7, 2015, the State Water Board adopted an Amendment to the Water Quality Control Plan for Ocean Waters of California (Ocean Plan) to Control Trash and Part 1 Trash Provision of the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries (ISWEBE Plan). Together, they are collectively referred to as 'the Trash Amendments'. The project objective for the Trash Amendments is to provide statewide consistency for the Water Boards' regulatory approach to protect aquatic life and public health beneficial uses, and reduce environmental issues associated with trash in state waters, while focusing limited resources on high trash generating areas.

The Trash Amendments apply to all Phase I and II permittees under the NPDES municipal separate storm sewer systems (MS4) permits. The State Water Resources Control Board Executive Director sent separate 13383 Orders to traditional and non-traditional Small MS4 (see below) permittees on June 1, 2017. Regional Water Quality Control Boards, as the Permitting Authority, issued to their Phase I permittees either Water Code 13383 or 13267 Orders that contain region specific requirements, which may differ from the State Water Resources Control Board orders.

Upon reissuance or amendment, State and Regional Water Board MS4 permits and the statewide storm water permit for the California Department of Transportation (Caltrans) contained trash control implementation requirements and compliance milestones to demonstrate progress towards 100 percent compliance with the Trash Amendments. The General Permits for Stormwater Discharges Associated with Industrial and Construction Activities contained the prohibition of trash in storm water and non-storm water discharges when those permits are reissued. 13383 Orders were not issued to dischargers of storm water associated with industrial or construction activities.



On June 2, 2017 El Dorado County (County) received a Water Code 13383 Order from the Lahontan Regional Water Quality Control Board (LRWQCB) to submit a method to comply with the statewide Trash Provisions. The County is a permittee under the LRWQCB Order No. R6T-2017-0010, National Pollutant Discharge Elimination System (NPDES) No. CAG616001. In response to that Order, the County selected Track 2 as its preferred compliance option. This compliance option required the submittal of an implementation plan by December 1, 2018 that included:

- a) Proposed locations where any combination of controls will be implemented that will achieve Full Capture System Equivalency (FCSE);
- b) The rationale for how the selected combination of controls will achieve Full Capture System Equivalency; and
- c) A description and rationale for how Full Capture System Equivalency will be demonstrated.

On August 29, 2017 the County submitted a letter to the Executive Officer of the Lahontan Regional Water Quality Control Board requesting Track 2 as the preferred compliance option. Additionally, in conformance with the permit requirement, the County is opting for Track 2 compliance in accordance with NPDES order# CAG616001 Attachment H.

This plan herein is intended to contain the necessary information for meeting this Track 2 statewide requirement and bring the County into compliance with water code 13383 as drafted in the September 14, 2022 order from the Lahontan Regional Water Quality Control Board.

3.0 Methods

Proposed locations where any combination of controls will be implemented that will achieve Full Capture System Equivalency

- 1.) The County completed a mapping exercise to identify Priority Land Uses (PLU) within the identified area. This included High Density Residential (>10 units / acre), Industrial, Commercial, Mixed Urban and Public Transportation Stations. To accomplish this task the County completed a Geographic Information System (GIS) exercise that used available tax base information to identify those respective land uses which were then visually represented in a GIS map. The County then visually assessed all associated land uses to determine whether they drained to the County Right of Way (ROW) or to the State ROW. Areas that drained to the California State Department of Transportation (Cal Trans) ROW were excluded from all further analysis and surveys as mitigation measures cannot be accounted for or made outside of the County jurisdiction.

- 2.) On-land Visual Trash Assessments (OVTA) were completed on PLUs that drained to the County's ROW. These assessments were labeled from A (minimal trash) to D (very littered), as outlined in the Water Board endorsed OVTA protocols, to understand the level of trash within the subject areas.
- 3.) Infrastructure Mapping of existing BMPs was completed to identify outfalls with existing treatment. Most outfalls within the County have been retrofitted to account for particles <16um in diameter through the TMDL so existing treatment areas were identified along with existing cleanup and outreach efforts.
- 4.) Other controls were identified within the jurisdiction for meeting FCSE. This is explained further in the Results / Analysis Section below.

4.0 Results / Analysis

The rationale for how the selected combination of controls will achieve Full Capture System Equivalency

Based on the County's OVTA work, all PLUs that drain to the County ROW are in Category A, and therefore no additional work is needed to achieve compliance with the Trash Amendments. However, FCSE is further demonstrated by the implementation of a multi-tiered system to limit trash, recover trash, promote education / outreach and implement controls. This is accomplished through Public Works / DOT involvement, optimizing controls such as pilot studies, identifying existing controls, effectiveness assessment, understanding available budgets, and proper training.

- 1.) The County sweeps all primary roads twice monthly and all secondary roads twice per year. Primary roads are highly travelled main thoroughfares with high traffic volumes. Nearly all commercial and multifamily areas are located on primary roads.
- 2.) Identify existing trash cleanup efforts and Community Efforts
 - a. Clean Tahoe Program <http://clean-tahoe.org/>
 - i. The Clean Tahoe Program has two full-time field crew workers who drive scheduled routes through each neighborhood in the City and County areas of South Tahoe and pick up litter and illegally dumped items. In all, they clean more than 350 lineal miles of public thoroughfares. They also respond to numerous calls each day from citizens in the City and County reporting illegally dumped items and animal-in-trash incidents.
 - ii. Their local trash and litter ordinances are intended to both keep the community litter-free and to ensure bears, coyotes,

raccoons, and other wildlife do not have access to trash. When they see a trash ordinance violation, they clean up any litter or debris in the area and also issue a Courtesy Notice or Warning, where they inform the property owner about the ordinance and what needs to be done to remedy the situation. Common problems include: evidence of animal access to trash, overflowing dumpsters, improperly secured garbage that has been blown through the neighborhood on a windy day, and furniture or other bulk items left out in view. After issuing a Courtesy Notice, they re-inspect the property within 10 days to ensure the problem has been corrected, and they refer non-compliance and repeat offenders to the appropriate jurisdiction depending on the violation and situation.

- iii. In addition to routine cleanup and education services, and trash receptacles, Clean Tahoe hosts a number of events throughout the year, including neighborhood spring cleanups, the Great Sierra River Cleanup, and a Community Cleanup Day where residents can bring unwanted items to the Refuse Center at greatly reduced rates.
- iv. The Clean Tahoe field crew is also responsible for servicing certain trash and recycle cans throughout the community, and Clean Tahoe was instrumental in pursuing a grant which allowed the City of South Lake Tahoe to install bear-resistant trash and recycle cans at bus stops and other public locations throughout the City.
- v. Over the years, Clean Tahoe has won a number of awards for service to the community. Most recently, they were awarded the State of California Department of Transportation's Adopt-a-Highway Volunteer of the Year award in 2012 and the 2013 South Tahoe Chamber of Commerce Blue Ribbon Honorable Mention Award in the small green business category.

b. League to Save Lake Tahoe

- i. The League to Save Lake Tahoe is the most engaged group in the County for Public Outreach / Education and community stewardship. The League routinely cleans beaches of litter and debris and promotes trash removal through responsible citizen engagement.

- ii. Pipe Keepers – This group promotes volunteer measuring of stormwater runoff and facilities that includes trash identification and cleanup.
 - iii. Eyes on the Lake – Tailored to invasive species identification this group also keeps eyes on sensitive waters to promote clean and trash free waters.
 - iv. Education Programs – The League engages all groups from adult community to childhood development to promote clean and trash free waters.
 - v. Transportation / Recreation Planning – The league is involved in all aspects with respect to planning projects that include responsible environmentally minded solutions to limiting trash.
 - vi. Agency Coordination – The League coordinates with all agencies on environmental issues with regard to trash and trash mitigation / cleanup.
- c. Take Care Tahoe takecaretahoe.org
 - i. The campaign was designed for use in outreach efforts by public agencies, private businesses and nonprofit organizations in the Region. Aimed at residents and visitors, the campaign is a series of reminders that poke fun at the mistakes we all make when we're not paying attention.
 - ii. The initial launch started in 2015 and includes messages regarding: general litter, cigarette butts and beer bottle litter, dog waste, fire safety, bear awareness, and aquatic invasive species prevention. A Take Care Kit featuring the digital files for all of the messages is now available to download for free at takecaretahoe.org.
 - iii. Take Care was developed by the Lake Tahoe Outreach Committee, which is comprised of the League to Save Lake Tahoe, Tahoe Fund, Tahoe Regional Planning Agency, UC Davis Tahoe Environmental Research Center, Tahoe Resource Conservation District, and Tahoe Sustainability Collaborative.
- d. South Tahoe Refuse – STR hosts community cleanup days that periodically allow free dumping for the public. STR recycles thousands of tons of trash, debris and hazardous materials annually.
- e. County Trash Ordinances

- i. Sec. 8.42.700. - Littering, accumulation of litter, and illegal dumping prohibited.
 - A. It shall be unlawful for any person to throw, dump, scatter, discard, place or deposit litter or solid waste in any manner or amount on any highway, road, right-of-way, or public or private property within the unincorporated area of the County, except in containers or in areas lawfully provided for or permitted for that use.
 - B. The existence or accumulation, without the authority of the County, of litter, trash, scrap materials, junk parts, garbage or refuse of any kind upon private property shall be prohibited, provided that said refuse is visible to the occupants of an adjacent or nearby parcel of real property, or to the users of any right-of-way. It shall be unlawful to allow accumulations of wastepaper, litter or combustible or flammable waste materials or rubbish of any kind to remain in any court, yard, vacant lot or open space.
- ii. CHAPTER 8.76. – Bear-Resistant Garbage Can Enclosures
 - A. Sec. 8.76.010. - Applicability.
 - a. This chapter shall apply in those portions of the County that lie within the boundaries of the Silver Fork, Tahoe Truckee Unified, and Lake Tahoe Unified School Districts as shown on the map attached to the ordinance from which this chapter is derived.(Code 1997, § 8.76.010; Ord. No. 4629, 5-13-2003)
 - B. Sec. 8.76.020. - Definitions.
 - a. Approved bear-resistant garbage can enclosure means a secured enclosure, made of metal or equivalent, with a secured door or doors in front of the enclosure, or equivalent, whose design has been determined by the Environmental Management Division of the Community Development Agency to be sturdy, weather resistant, and making the contents of the garbage can enclosure inaccessible to bears. A list of approved bear-resistant garbage can enclosures shall be

available to the public at the Lake Tahoe office of the Environmental Management Division of the Community Development Agency and the County Building Department.

- b. New residential construction means creating a new residential unit and/or guest quarters. (Code 1997, § 8.76.020; Ord. No. 4600, 6-11-2002)

iii. Sec. 8.76.050. - Violations.

A. Violations of this chapter shall be punished by the following progression of sanctions:

- a. A. For the first violation, a verbal or written warning will be issued to the responsible party.
- b. B. For a second violation within two years of receiving a verbal or written warning for a prior incident, the responsible party will be required to purchase or construct a bear-proof collection bin, container or structure and install within 30 days of the violation, or take such other corrective action as may be required by the Environmental Management Division of the Community Development Agency.
- c. C. Any successive violation within two years of a second violation shall be punishable as an infraction with a fine of not less than \$100.00.

iv. Sec. 8.79.150.D. – Stormwater Quality Ordinance

A. No person shall throw, deposit, leave, maintain, keep, or permit to be thrown, in or upon any public or private property, driveway, parking area, street, alley, sidewalk, component of a stormwater facility 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, as further proscribed by Section 8.42.700 et seq. of the Code.

3.) Existing BMPs - The County has retrofitted most outfalls with sediment traps and capture systems that are capable of removing particles <16 micrometers in diameter as required by the Lake Tahoe TMDL. This program which has been in development for more than 30 years and is regulated as part of the lake clarity crediting program for nearly 10 years

requires the reduction of fine sediment particles (FSP <16um). Mitigation measures include the use of street sweeping, particle capture devices and BMPs to control FSP. Capture devices for particles of this diameter will also capture trash debris >5mm in diameter. This being the case the County is confident that the majority of all remaining litter is captured in existing particle capture devices and BMPs.

4.) On-land Visual Trash Assessments (OVTA) were completed on PLUs that drain to the County ROW. The OVTA Protocol is designed to provide qualitative estimates of the amount of trash generated on specific street segments, sidewalks and adjacent land areas that may be transported to a municipal stormwater conveyances system. Trash generation is a term used to describe the level of trash deposited onto land areas and that is available for transport to the conveyance system prior to removal via street sweeping or other significant management actions that intercept trash before entering the stormwater conveyance system. The protocol serves the following two purposes:

- A. Confirmation of Trash Generation - to provide a line of evidence to confirm or redesignate trash generation rate categories assigned to specific land areas via trash generation modeling, and;
- B. Assessing Changes in On-land Trash Conditions - to provide a qualitative tool to assist in evaluating changes in the level of on-land trash that could be transported to a stormwater conveyance system.

In this methodology, the definition of trash or litter is generally consistent with the definition included in the California Code Section 68055.1(g), but excludes sediments, sand, vegetation, oil and grease, exotic species, food waste (e.g., apple cores and banana peels), landscaping material that has been improperly disposed on the public right-of-way, and pet wastes. For the purposes of this protocol, mattresses, shopping carts, furniture, appliances, contained bags of trash, and all other illegally dumped large items not capable of fitting in a storm drain inlet opening are also excluded from the definition of trash.

The County completed OVTA analysis on all commercial, industrial and multi-family parcels that drain to the County ROW. From this exercise it has been determined that all priority sources of potential trash either:

- i. Flow from priority areas to the state-owned highway
- ii. Have an OVTA condition category of "A".

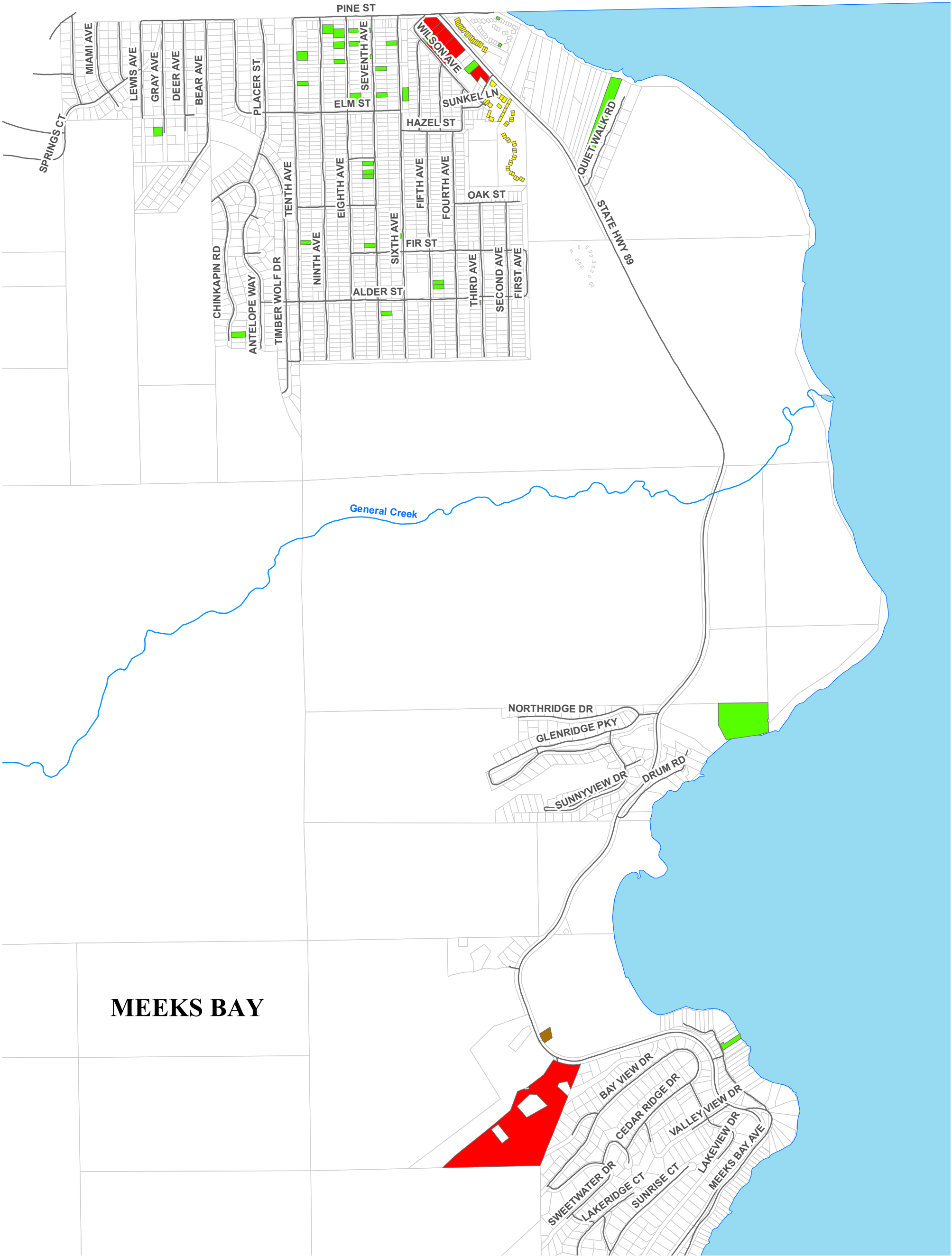
5.0 Discussion / Conclusion

A description and rationale for how Full Capture System Equivalency will be demonstrated.

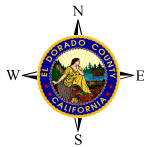
The County has formulated this plan with consideration of all sources of trash from varying land uses and has determined through both hydrologic routing and OVTA analysis that compliance is already being achieved through existing programmatic activities / efforts. Very few sources of trash exist in the Tahoe Basin portion of the County and anything that is generated is captured through existing efforts taking place within the County jurisdiction.

The County is committed to continuing in being a leader in both public outreach and community involvement of the importance of limiting and recovering trash from entering surface water bodies. The programs currently in place including the involvement of many groups as outlined in “Results / Analysis, item 2 above” prove the level of commitment the County has in meeting both our local and state goals for limiting trash generation. The County has demonstrated that because of all the actions explained above, that compliance is already attained with the State Trash Amendments and therefore no further action is needed to meet the goals of this requirement. However, the County will continue to monitor parcels, while performing OVTA as needed, to ensure continued compliance with established statewide regulations and will report on that effort in its Annual NPDES Reports.

Appendix A




MEEKS BAY



SELECTED PARCELS - Closeup A

Tahoe Basin

County of El Dorado, State of California

- | | |
|--|--|
|  Condominium Developed |  City of South Lake Tahoe |
|  Multi-Family Developed |  Parcel Base |
|  Commercial Developed |  Roads |
|  Industrial Developed |  Rivers & Creeks |

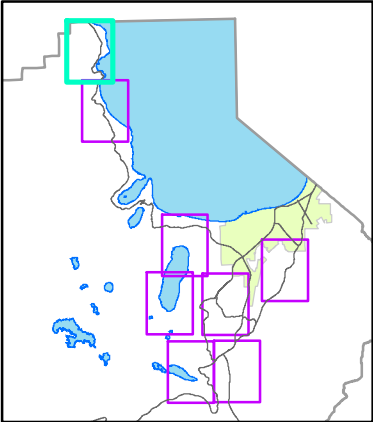
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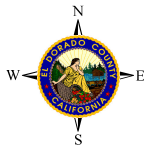
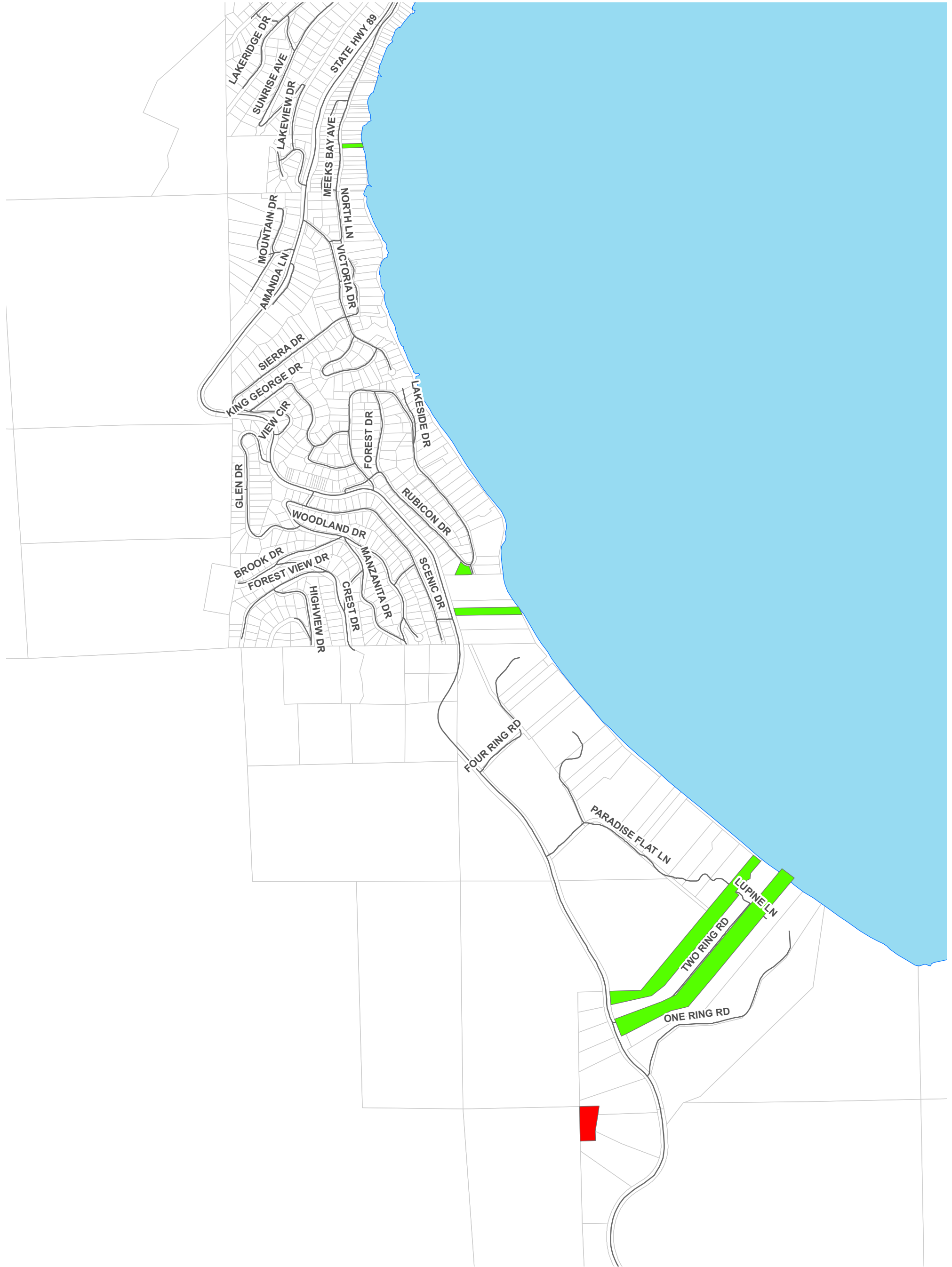
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EL DORADO COUNTY SURVEYOR/G.I.S. DIVISION
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SELECTED PARCELS - Closeup B

Tahoe Basin

County of El Dorado, State of California

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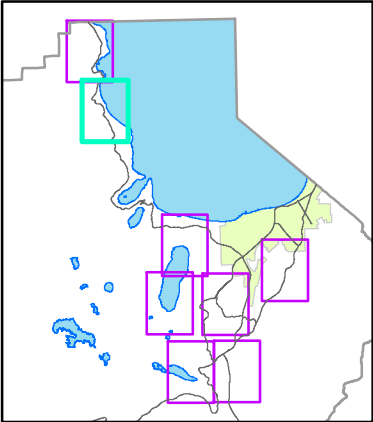
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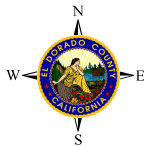
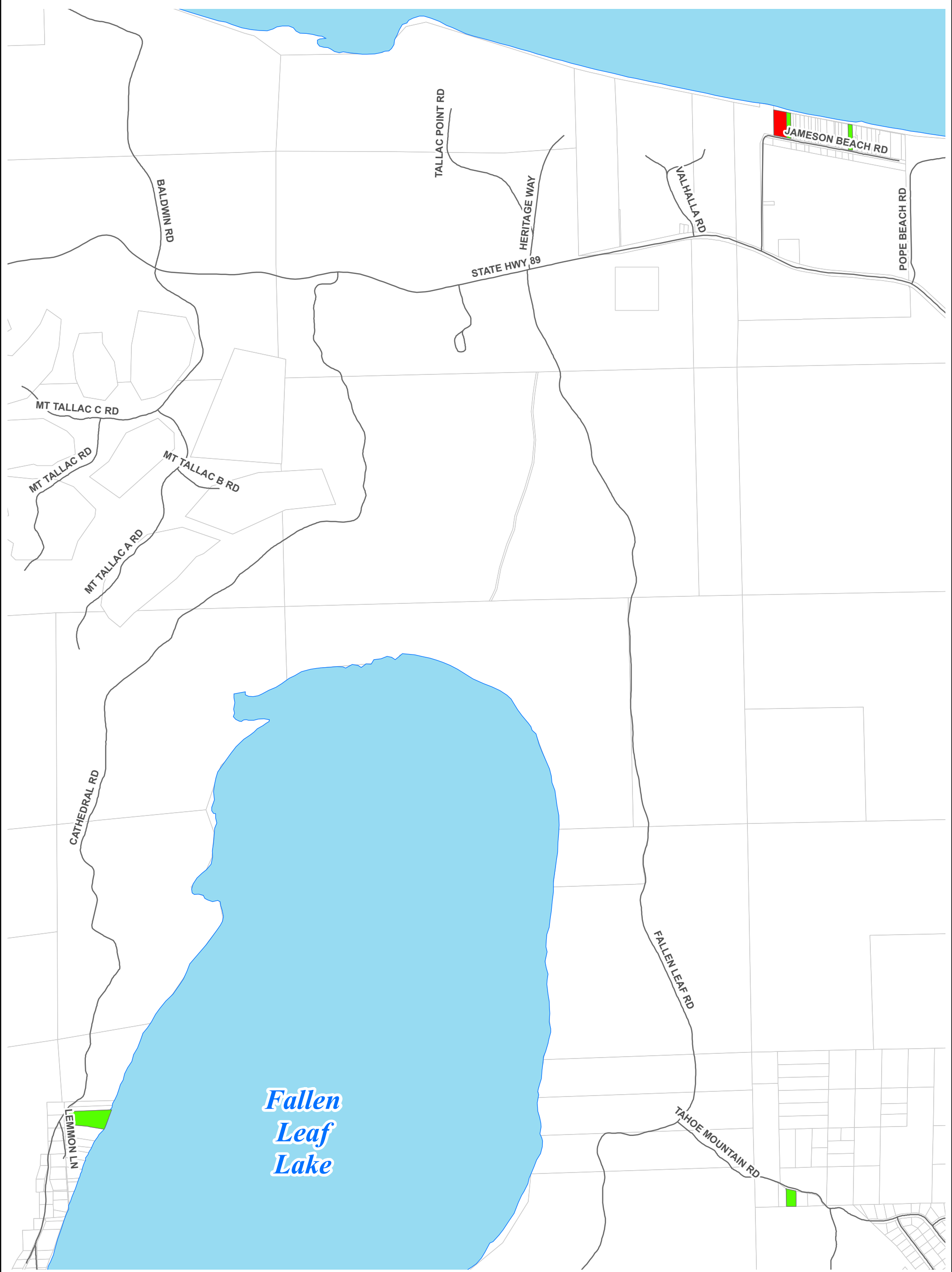
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- | | |
|--|--|
|  Condominium Developed |  City of South Lake Tahoe |
|  Multi-Family Developed |  Parcel Base |
|  Commercial Developed |  Roads |
|  Industrial Developed |  Rivers & Creeks |

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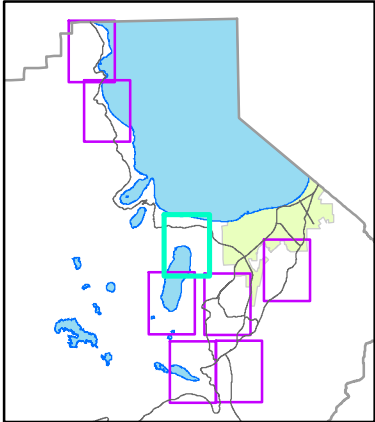
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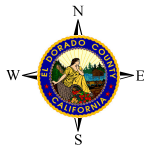
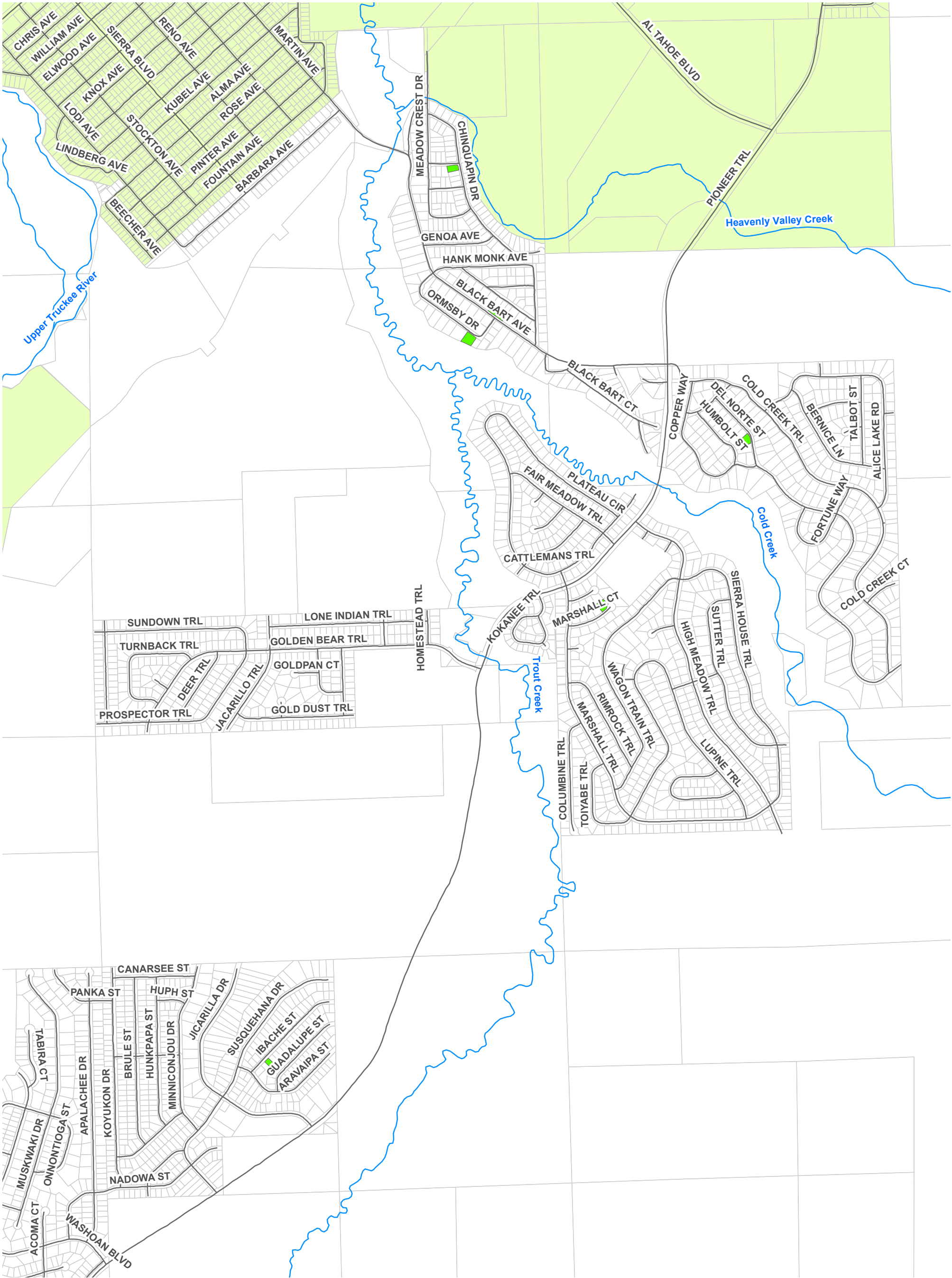
SELECTED PARCELS - Closeup C
Tahoe Basin
County of El Dorado, State of California

- | | |
|------------------------|--------------------------|
| Condominium Developed | City of South Lake Tahoe |
| Multi-Family Developed | Parcel Base |
| Commercial Developed | Roads |
| Industrial Developed | Rivers & Creeks |

0 500 1,000 2,000 Feet

Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)





SELECTED PARCELS - Closeup D

Tahoe Basin

County of El Dorado, State of California

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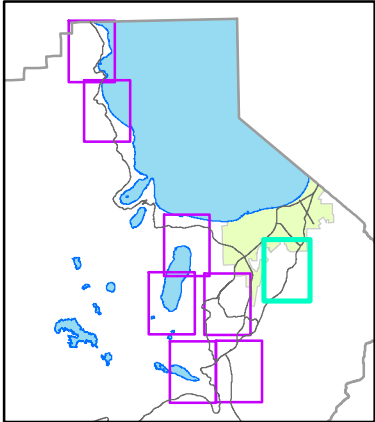
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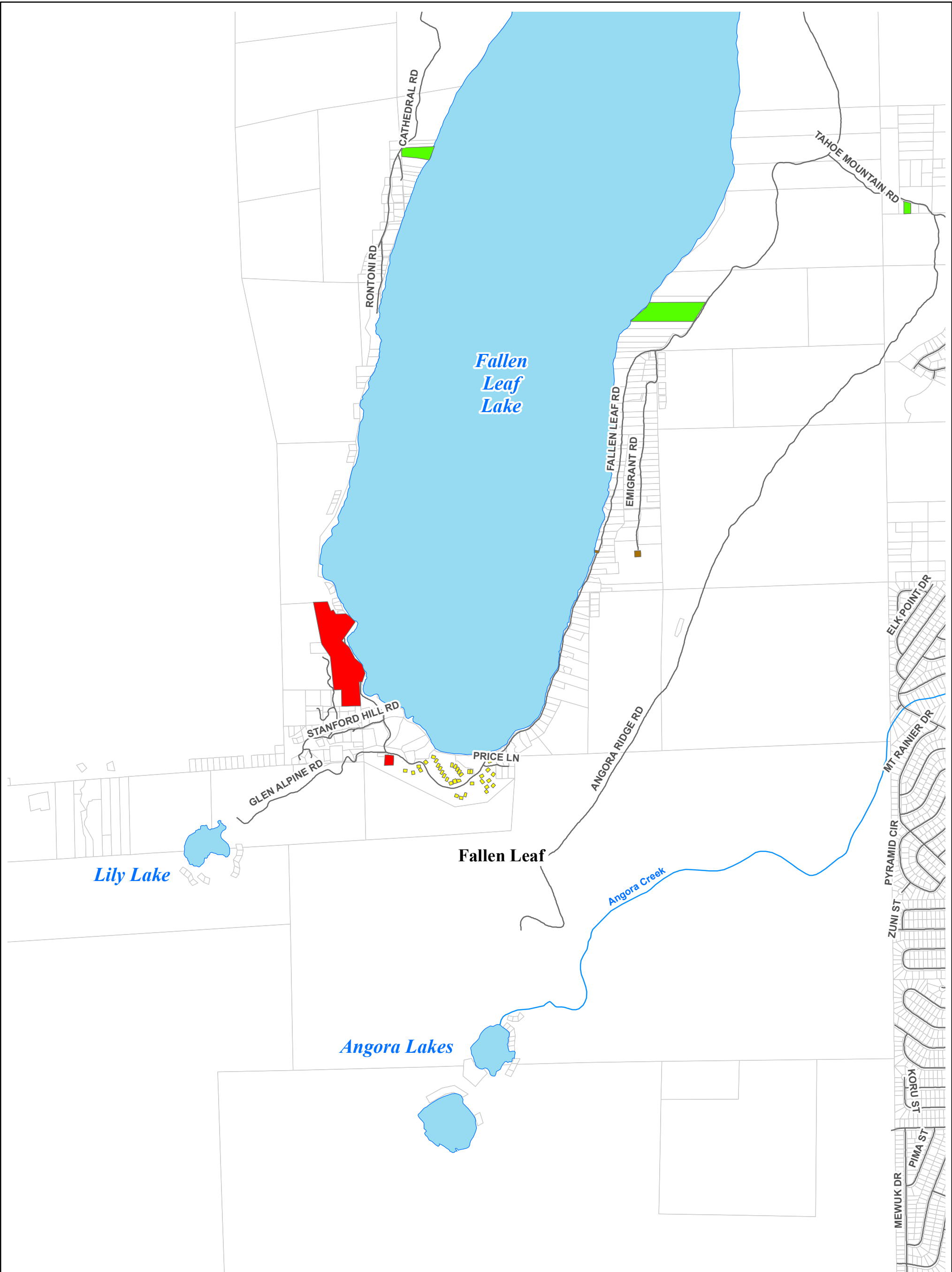
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- | | |
|---|--|
| Condominium Developed | City of South Lake Tahoe |
| Multi-Family Developed | Parcel Base |
| Commercial Developed | Roads |
| Industrial Developed | Rivers & Creeks |

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Map displayed in State Plane Coordinate System (NAD 1983 California Zone 2, feet)





SELECTED PARCELS - Closeup E Tahoe Basin County of El Dorado, State of California

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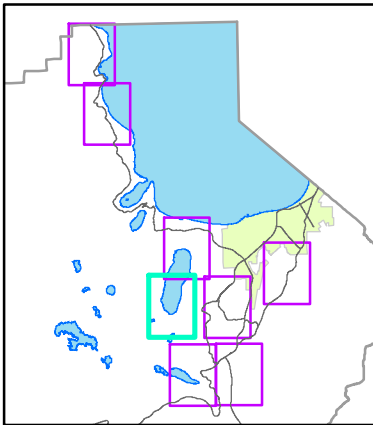
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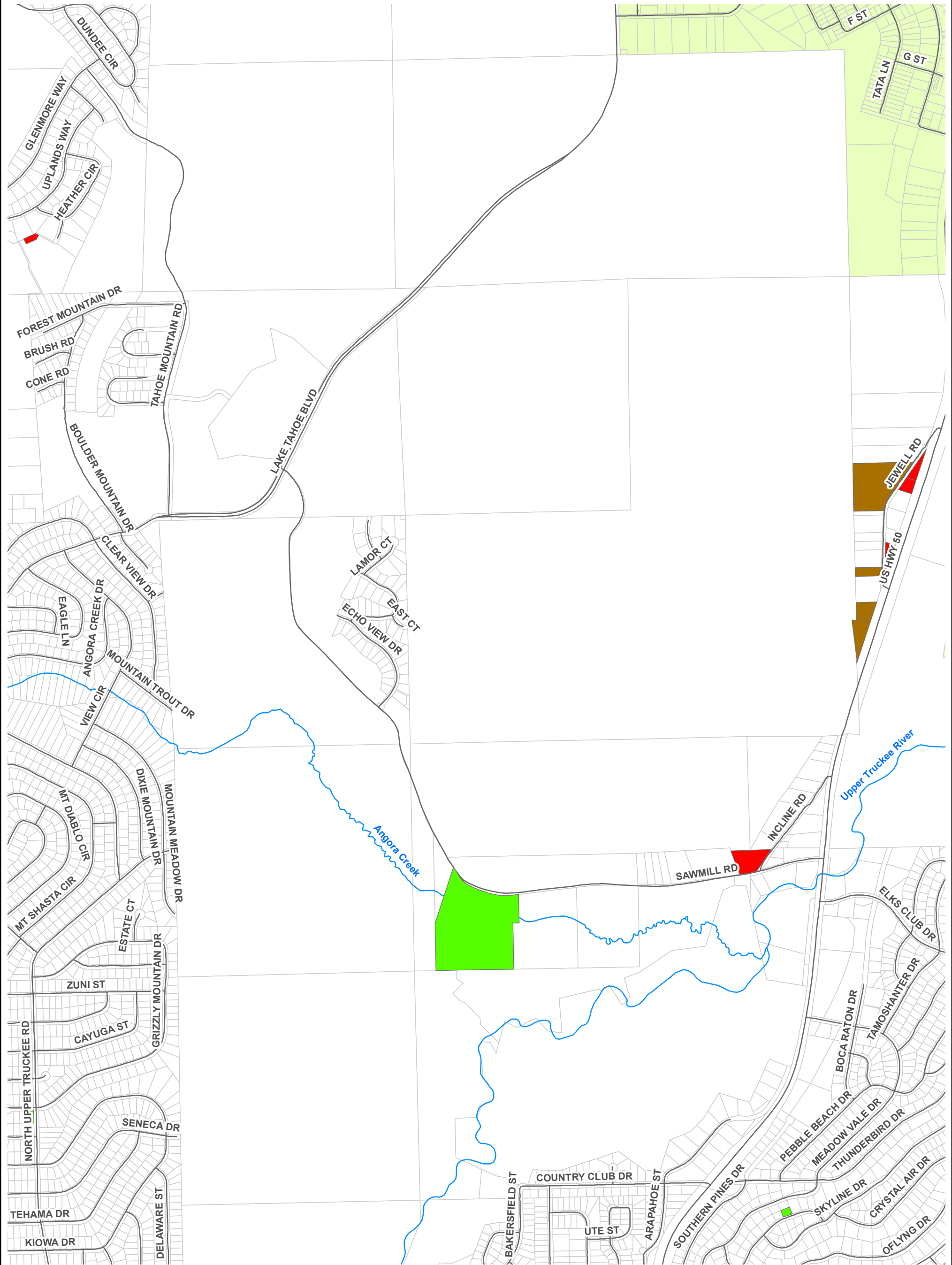
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PHONE (530) 621-6511 FAX (530) 626-8731

- | | |
|--|--|
|  Condominium Developed |  City of South Lake Tahoe |
|  Multi-Family Developed |  Parcel Base |
|  Commercial Developed |  Roads |
|  Industrial Developed |  Rivers & Creeks |

0 500 1,000 2,000
Feet

Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)





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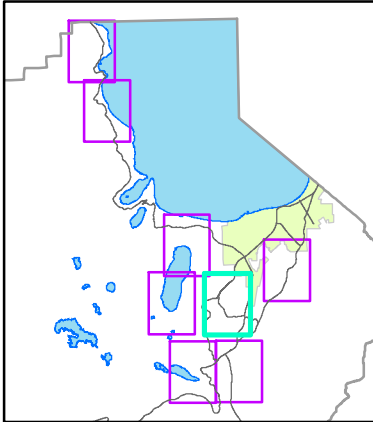
PREPARED AT THE REQUEST OF: DOT, DATE: 10/26/2018
MAP PREPARED BY: Frank Bruijn, DATE: 11/02/2018
G.I.S. PROJECT ID: 73589f, RELATED REPORT: na
EL DORADO COUNTY SURVEYOR/G.I.S. DIVISION
PHONE (530) 621-6511 FAX (530) 626-8731

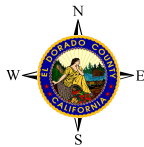
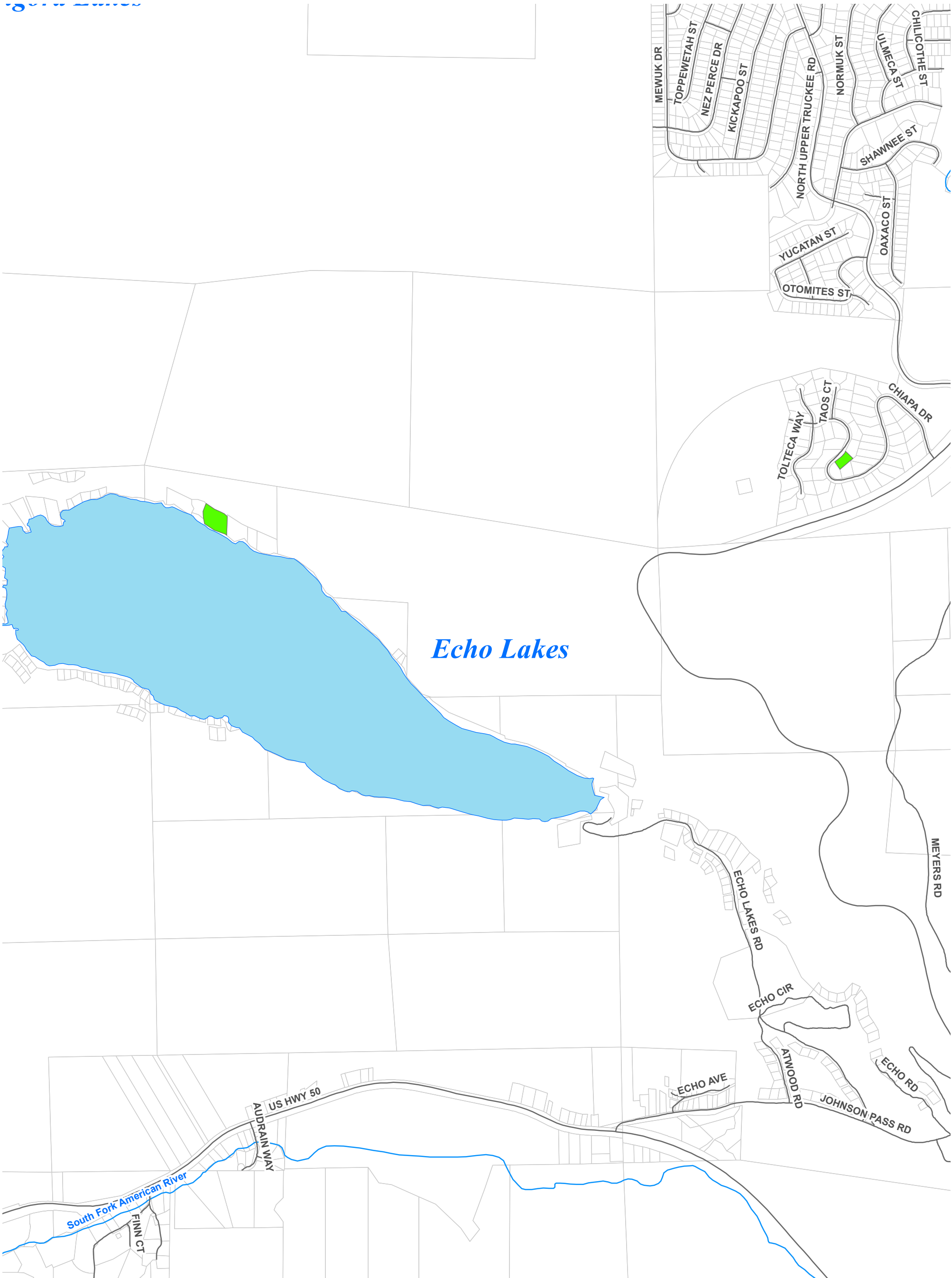
SELECTED PARCELS - Closeup F Tahoe Basin County of El Dorado, State of California

- | | |
|---|--|
| ■ Condominium Developed | ■ City of South Lake Tahoe |
| ■ Multi-Family Developed | ■ Parcel Base |
| ■ Commercial Developed | ~ Roads |
| ■ Industrial Developed | ~ Rivers & Creeks |

0 500 1,000 2,000 Feet

Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)





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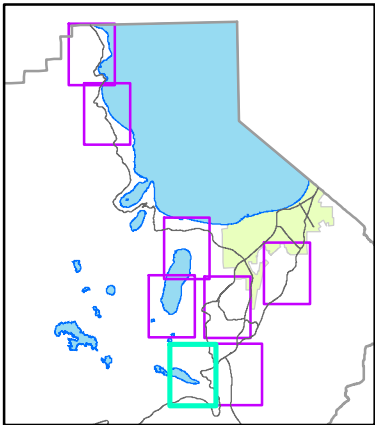
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MAP PREPARED BY: Frank Bruijn, DATE: 11/02/2018
G.I.S. PROJECT ID: 73589g, RELATED REPORT: na
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PHONE (530) 621-6511 FAX (530) 626-8731

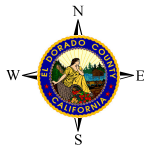
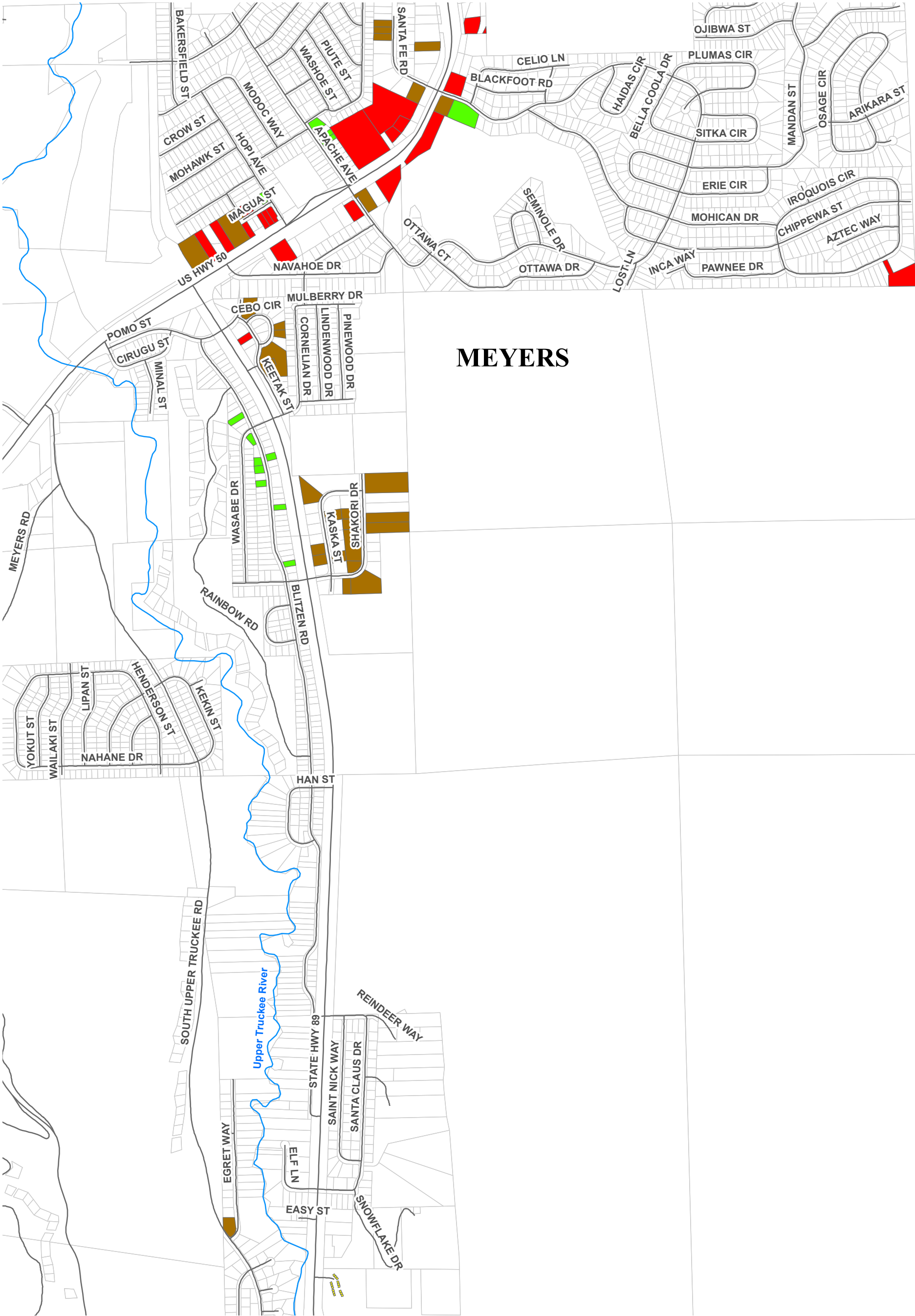
SELECTED PARCELS - Closeup G Tahoe Basin County of El Dorado, State of California

- | | |
|------------------------|--------------------------|
| Condominium Developed | City of South Lake Tahoe |
| Multi-Family Developed | Parcel Base |
| Commercial Developed | Roads |
| Industrial Developed | Rivers & Creeks |

0 500 1,000 2,000
Feet

Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)





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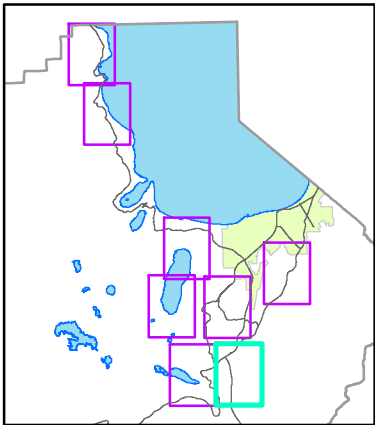
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MAP PREPARED BY: Frank Bruijn, DATE: 11/02/2018
G.I.S. PROJECT ID: 73589h, RELATED REPORT: na
EL DORADO COUNTY SURVEYOR/G.I.S. DIVISION
PHONE (530) 621-6511 FAX (530) 626-8731

SELECTED PARCELS - Closeup H Tahoe Basin County of El Dorado, State of California

- | | | | |
|--|------------------------|--|--------------------------|
| | Condominium Developed | | City of South Lake Tahoe |
| | Multi-Family Developed | | Parcel Base |
| | Commercial Developed | | Roads |
| | Industrial Developed | | Rivers & Creeks |

0 500 1,000 2,000 Feet

Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)

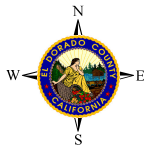
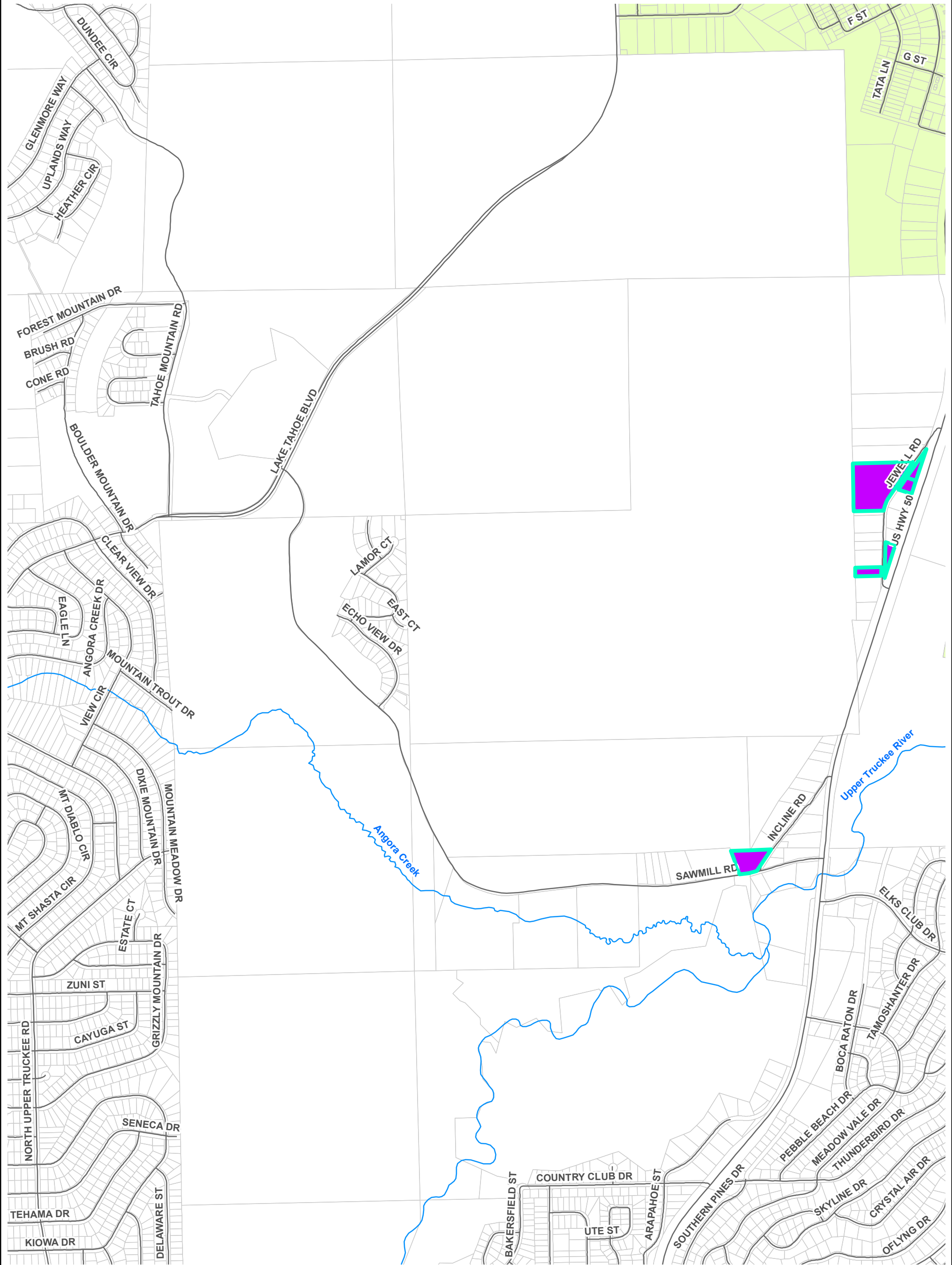


Appendix B

	Drainage Conditions	OVTA Category	APN	TYPE - use	USE - code	SITE ADDRESS
1	Drains To County	OVTA Category A	03440201	IND	LIGHT MANUFACTURING	2950 US HWY 50
2	Drains To County	OVTA Category A	03440213	IND	LIGHT MANUFACTURING	1802 SANTA FE
3	Drains To County	OVTA Category A	03440214	IND	WAREHOUSES	1808 SANTA FE
4	Drains To County	OVTA Category A	03440111	IND	MISC. IMPROVED INDUSTRIAL PROPERTY	2886 US HWY 50
5	Drains to Cal Trans	NA	03427046	COM	RETAIL STORES <=5,000 SQ. FT.	2877 US HWY 50
6	Drains To County	OVTA Category A	03427061	COM	SERVICE STATION	2933 US HWY 50
7	Drains To County	OVTA Category A	03427063	IND	OFFICES	0
8	Drains to Cal Trans	NA	03427049	COM	SUPERMARKETS	2977 US HWY 50
9	Drains to Cal Trans	NA	03434211	COM	MISC. IMPROVED COMMERCIAL	3025 US HWY 50
10	Drains To County	OVTA Category A	03434209	IND	OFFICES	1285 APACHE
11	Drains To County	OVTA Category A	03434107	COM	RETAIL STORES <=5,000 SQ. FT.	3071 US HWY 50
12	Drains to Cal Trans	NA	03433129	COM	RETAIL STORES 5,001-15,000 SQ. FT.	3141 US HWY 50
13	Drains To County	OVTA Category A	03526201	IND	MISC. IMPROVED INDUSTRIAL PROPERTY	2171 CEBO
14	Drains To County	OVTA Category A	03526302	COM	PARKING LOT	2178 KEETAK
15	Drains To County	OVTA Category A	03526206	IND	MISC. IMPROVED INDUSTRIAL PROPERTY	2193 CEBO
16	Drains To County	OVTA Category A	03526217	IND	MISC. IMPROVED INDUSTRIAL PROPERTY	2211 KEETAK
17	Drains To County	OVTA Category A	03518105	IND	MISC. IMPROVED INDUSTRIAL PROPERTY	2328 KASKA
18	Drains To County	OVTA Category A	03519102	IND	MISC. IMPROVED INDUSTRIAL PROPERTY	2372 KASKA
19	Drains To County	OVTA Category A	03519103	IND	MISC. IMPROVED INDUSTRIAL PROPERTY	2382 KASKA
20	Drains To County	OVTA Category A	03519309	IND	MISC. IMPROVED INDUSTRIAL PROPERTY	1044 SHAKORI
21	Drains To County	OVTA Category A	03519205	IND	MISC. IMPROVED INDUSTRIAL PROPERTY	1045 SHAKORI
22	Drains To County	OVTA Category A	03519209	IND	MINI-WAREHOUSES (MINI-STORAGE)	1071 SHAKORI
23	Drains To County	OVTA Category A	03518206	IND	MISC. IMPROVED INDUSTRIAL PROPERTY	1089 SHAKORI
24	Drains To County	OVTA Category A	03518205	IND	MISC. IMPROVED INDUSTRIAL PROPERTY	1097 SHAKORI
25	Drains To County	OVTA Category A	03518318	IND	MISC. IMPROVED INDUSTRIAL PROPERTY	1084 SHAKORI
26	Drains To County	OVTA Category A	03518317	IND	MISC. IMPROVED INDUSTRIAL PROPERTY	1092 SHAKORI
27	Drains To County	OVTA Category A	03518319	IND	MISC. IMPROVED INDUSTRIAL PROPERTY	1128 SHAKORI
28	Drains to Cal Trans	NA	03432119	IND	LIGHT MANUFACTURING	3208 US HWY 50
29	Drains to Cal Trans	NA	03432121	COM	MISC. IMPROVED COMMERCIAL	3206 US HWY 50
30	Drains to Cal Trans	NA	03432125	COM	RETAIL STORES <=5,000 SQ. FT.	3200 US HWY 50
31	Drains to Cal Trans	NA	03432123	IND	OFFICES	3170 US HWY 50
32	Drains to Cal Trans	NA	03432310	COM	RESTAURANT	3160 US HWY 50
33	Drains To County	OVTA Category A	03432204	COM	MISC. IMPROVED COMMERCIAL	1073 MAGUA
34	Drains To County	OVTA Category A	03432312	COM	RESTAURANT	3132 US HWY 50
35	Drains To County	OVTA Category A	03432313	COM	MISC. IMPROVED COMMERCIAL	1078 MAGUA

36	Drains to Cal Trans	NA	03404004	COM	MISC. IMPROVED COMMERCIAL	3030 US HWY 50
37	Drains to Cal Trans	NA	03467112	COM	RETAIL STORES 5,001-15,000 SQ. FT.	2970 US HWY 50
38	Drains to Cal Trans	NA	03467105	COM	RETAIL STORES 5,001-15,000 SQ. FT.	3008 US HWY 50
39	Drains to Cal Trans	NA	03467103	COM	SERVICE STATION	2986 US HWY 50
40	Drains to Cal Trans	NA	03309007	COM	MISC. IMPROVED COMMERCIAL	1721 SAWMILL
41	Drains to Cal Trans	NA	03305023	IND	MISC. IMPROVED INDUSTRIAL PROPERTY	2140 US HWY 50
42	Drains to Cal Trans	NA	03315104	IND	MISC. IMPROVED INDUSTRIAL PROPERTY	2110 US HWY 50
43	Drains To County	OVTA Category A	03315107	IND	WAREHOUSES	2080 JEWELL
44	Drains To County	OVTA Category A	03313105	IND	MINI-WAREHOUSES (MINI-STORAGE)	2030 JEWELL
45	Drains To County	OVTA Category A	03313201	COM	MISC. IMPROVED COMMERCIAL	1970 US HWY 50
46	Drains To County	OVTA Category A	03313202	COM	MISC. IMPROVED COMMERCIAL	2000 US HWY 50
47	Drains To County	OVTA Category A	03315205	COM	SERVICE STATION	2060 US HWY 50
48	Drains to Cal Trans	NA	01641010	COM	RETAIL STORES <=5,000 SQ. FT.	8060 STATE HWY 89
49	Drains to Cal Trans	NA	01604108	IND	MISC. IMPROVED INDUSTRIAL PROPERTY	8041 STATE HWY 89
50	Drains to Cal Trans	NA	01533128	COM	MISC. IMPROVED COMMERCIAL	7062 STATE HWY 89
51	Drains to Cal Trans	NA	01533105	COM	MOTEL, HOTEL	7032 STATE HWY 89
52	Drains to Cal Trans	NA	01533104	COM	MOTEL, HOTEL	7018 STATE HWY 89
53	Drains to Cal Trans	NA	01533103	COM	MISC. IMPROVED COMMERCIAL	7010 STATE HWY 89
54	Drains to Cal Trans	NA	01533110	COM	RETAIL STORES <=5,000 SQ. FT.	7000 STATE HWY 89
55	Drains to Cal Trans	NA	1538101	MFR	MULTI FAMILY HOUSING	7011 STATE HWY 88
56	Drains to Cal Trans	NA	1539101	MFR	MULTI FAMILY HOUSING	7110 STATE HWY 89
57	Drains to Cal Trans	NA	1542016	MFR	MULTI FAMILY HOUSING	7090 STATE HWY 90






Appendix C



SELECTED PARCELS - Closeup F

Tahoe Basin

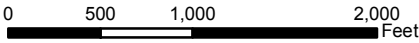
County of El Dorado, State of California

-  Category A
-  City of South Lake Tahoe
-  Parcel Base
-  Roads
-  Rivers & Creeks

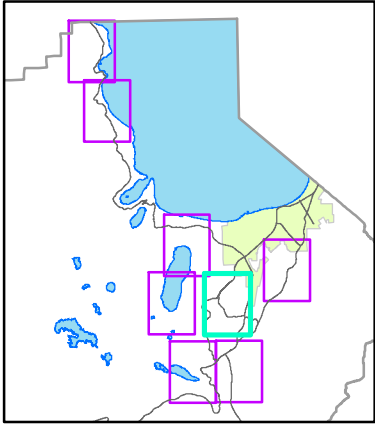
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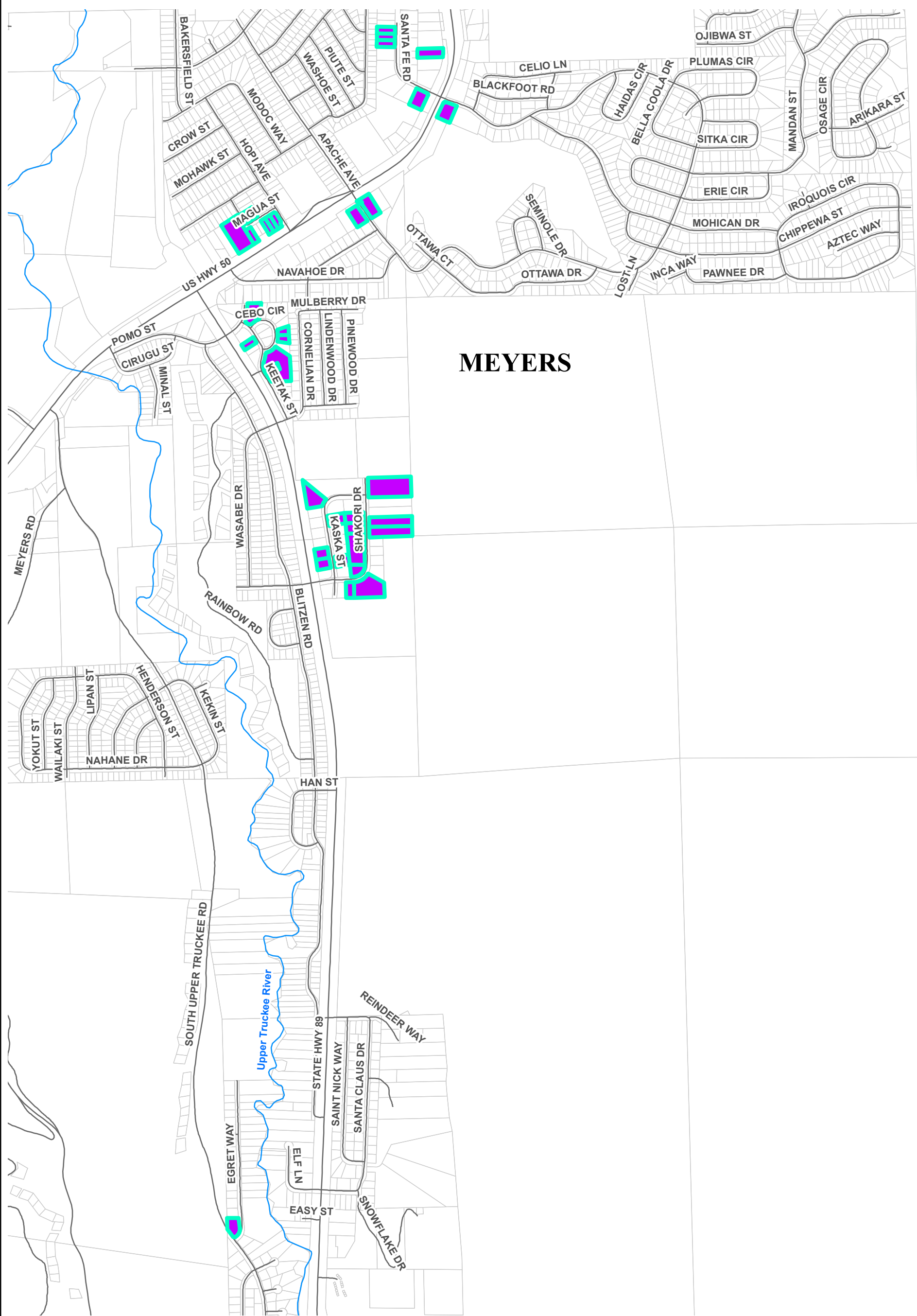
NOTES:
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PREPARED AT THE REQUEST OF: DOT, DATE: 11/13/2018
MAP PREPARED BY: Frank Bruijn, DATE: 11/15/2018
G.I.S. PROJECT ID: 73589ff, RELATED REPORT: na
EL DORADO COUNTY SURVEYOR/G.I.S. DIVISION
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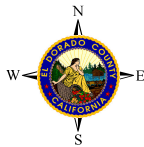


Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)










MEYERS

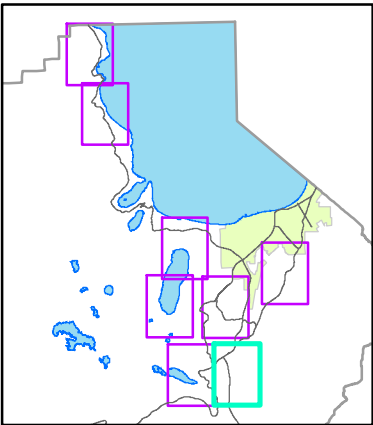


SELECTED PARCELS - Closeup H
Tahoe Basin
County of El Dorado, State of California

-  Category A
-  City of South Lake Tahoe
-  Parcel Base
-  Roads
-  Rivers & Creeks

0 500 1,000 2,000 Feet

Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)



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PREPARED AT THE REQUEST OF: DOT, DATE: 11/13/2018
MAP PREPARED BY: Frank Bruijn, DATE: 11/15/2018
G.I.S. PROJECT ID: 73589hh, RELATED REPORT: na
EL DORADO COUNTY SURVEYOR/G.I.S. DIVISION
PHONE (530) 621-6511 FAX (530) 626-8731

Appendix D









APPENDIX B

Commercial Inspection Checklist

Inspectors Name	Date / Tme	Field / Weather Conditions	Inspection Location	Observed facility Conditions	Trash Present	NPDES Violation (Yes or No)	Follow Up and Enforcement Action
Russell Wigart	9/12/2024	Sunny / Fair	Meeks Fire	Paved parking flows to vegetation, clean site, no signs of erosion, well maintained facility	No	No	None
Russell Wigart	9/12/2024	Sunny / Fair	Camp Richardson Marina / Resort	Boat storage area clean, no signs of materials storage outside, no signs of erosion, parking on unpaved areas (no signs of tracking into ROW at time of site visit); all access roads to cabins have been paved with conveyance and basin systems in place	No	No	None
Russell Wigart	9/12/2024	Sunny / Fair	Holiday Market	Grease Bin outside-no visible signs of impact from rainwater to grease bin,good overall site conditions, no signs of water quality impact from site, appears a BMP retrofit may be in process	No	No	None
Russell Wigart	9/12/2024	Sunny / Fair	CCC building	BMP's in place and functioning, no signs of outside materials storage, good overall site conditions, well maintained site	No	No	None
Russell Wigart	9/12/2024	Sunny / Fair	Road Runner	Overall site is in good condition with no signs of water quality impacts. BMPs need maintenance.	No	No	None
Russell Wigart	9/12/2024	Sunny / Fair	Steves Transmission	Clean Site. No materials stored outside. No signs of threats to water quality.	No	No	None
Russell Wigart	9/12/2024	Sunny / Fair	Paradise Golfcourse	All materials stored inside. Site conditions do not show signs of water quality impacts. Dump site cleaned up (has shipping container for storage of equipment thru winter)	No	No	None
Russell Wigart	9/12/2024	Sunny / Fair	Lake Tahoe Golfcourse	No Hazardous or potentially Hazardous waste stored outside, good condition , no signs of erosion.	No	No	None
Russell Wigart	9/12/2024	Sunny / Fair	Cal Trans DOT Maintenance Yard	Stockpiled material and heavy equipment. No signs of Hazardous material or soil tracking. No signs of erosion or water quality threat.	No	No	None
Russell Wigart	9/12/2024	Sunny / Fair	EDOT Maintenance Yard	Equipment barn under construction. All construction site BMPs in place and functioning at time of site visit.	No	No	
Russell Wigart	9/12/2024	Sunny / Fair	USFS Yard	Parking off pavement (auxiliary parking areas stabilized with wood mulch). No visible signs of tracking, erosion, or water quality impacts.	No	No	None
Russell Wigart	9/12/2024	Sunny / Fair	Meeks Lumber	Clean, BMPs appear to be functional. No erosion or tracking. No outside storage of hazardous or potentially hazardous waste.	No	No	None

APPENDIX C

APPENDIX C

**El Dorado County
Community Development Agency
Environmental Management Division
Tahoe Basin Stormwater Reporting Information 2024**

Hazardous Materials Program:

Hazardous Materials (HM) program inspectors conduct routine inspections for several programs which fall under the purview of the Certified Unified Program Agency (CUPA). <https://www.eldoradocounty.ca.gov/Public-Safety-Justice/Waste-Disposal/Hazardous-Materials-Program/CUPA>

[Justice/Waste-Disposal/Hazardous-Materials-Program/CUPA](https://www.eldoradocounty.ca.gov/Public-Safety-Justice/Waste-Disposal/Hazardous-Materials-Program/CUPA)

Facilities which have hazardous materials and/or generate hazardous waste on site are regulated under the CUPA. These programs include facilities which have hazardous materials in quantities over defined thresholds, generate any amount of hazardous wastes, have underground storage tanks, and/or have above ground storage tanks. Many of the regulated facilities are in two or more of these programs. In the Tahoe Basin, the County regulates 139 HM facilities. Most of these facilities are required to be inspected by the division every three years. Facilities in the UST program require an annual inspection.

During inspections, the inspectors look for hazardous materials/wastes that are not being managed per the applicable laws and regulations. They look for the integrity of the hazardous material/waste containers and secondary containment (if applicable), proper use of lids on these containers, and evidence of leaks. Inspectors discuss spill clean-up procedures and contingency plans with the facility. Each facility is required to provide the division with a list of the hazardous materials inventory (over specified quantities) they have on site, a site map, and plans for response if a release should occur.

In 2024, facilities were issued violations relating to threat of release or actual releases which were not managed appropriately and therefore had potential to impact the storm water system. When there is a threat of a release, inspectors educate facilities on the proper clean-up and containment procedures and ensure that they have the appropriate response equipment.

Environmental Health Programs:

Environmental Health (EH) programs with facilities that could receive violations for storm water discharge or mismanagement of trash and sewage include food facilities and pool/spa facilities. Food facilities need to be cognizant of

organization and cleanliness of their outdoor trash and recycling areas as well as sewage release management if it should happen. Inspectors check for leaking trash collection bins and make sure the lids of those containers are kept closed. Inspectors look for excessive debris in the trash collection areas and they look at management of the grease trap collection units which are often stored outside behind the facility.

In the Tahoe basin, El Dorado County has 305 food facilities that are inspected twice a year. The inspection records are included in Appendix F of the Annual Report. The inspector directs the facilities on how to correct these violations at the time of inspection. As a result of the proactive program, none of these violations immediately posed a risk to release into the storm drain.

Pool and spa facilities are not permitted to release waste water into the storm drain. During the plan check and construction phases of a new pool installation, EH inspectors check to ensure that the wastewater discharge plumbing is correctly connected to the sewage system or another approved discharge location. In the Tahoe basin, El Dorado County has 70 pool and/or spa facilities. Pool and spas are inspected at least once a season.

All spills are immediately responded to and corrected. Spills reported and corrected this year include hydraulic oil, sewage, soapy water, vehicle washing, engine oil and solid waste. Summaries of these spills including cleanups are included in the Attachment below

Household Hazardous Waste (HHW) and Collection events at South Tahoe Refuse:

Each week South Tahoe Refuse (STR) hosts two household hazardous waste (HHW) collection events. They are held Tuesdays and Saturdays from 9am to Noon, and 1pm to 4pm. The events are open to the public and small businesses; however, there is a charge for the small businesses depending on the waste(s) they are bringing in. There are also limits on the quantities that can be brought in at a time and the container sizes which are manageable by HHW staff (i.e. no 55 gallon drums). At these events, almost all types of hazardous wastes are accepted. Those excluded are explosives, radioactive materials, and controlled substances.

The HHW program provides the public a very cheap (\$3 per year included in property taxes) option for legal, safe, and environmentally friendly disposal of these very hazardous wastes which otherwise may end up in the environment and storm water system. A tabulation of all material types and amounts recovered can be seen in the Table below.

Public Outreach and General Observation:

The Environmental Management division works closely with Long Range Planning NPDES staff. More information regarding this is available at the website at:

<https://www.eldoradocounty.ca.gov/Land-Use/Planning-and-Building/Tahoe-Planning-and-Building-Division-Stormwater-Unit>

<https://www.eldoradocounty.ca.gov/County-Government/County-Departments/Environmental-Management>

<https://www.eldoradocounty.ca.gov/Land-Use/Planning-and-Building/Tahoe-Planning-and-Building-Division-Stormwater-Unit/Commercial-and-Residential-Useful-Links>

The webpage provides information on what storm water is and provides examples of what businesses and residents can do to prevent storm water pollution. The webpage also provides information on the National Pollution Discharge Elimination System (NPDES) as well as flyers on storm water pollution prevention for the community, construction sites, food facilities, and hazardous materials.

While in the field, division inspectors are always on the lookout for incidents that are occurring that may contribute to further pollution of our storm water system. Finally, staff respond to incidents of release of a hazardous material or sewage to ensure that the releases are properly cleaned up and the wastes are disposed of appropriately to minimize the impact on the environment. Staff are constantly working with corresponding agencies and local resources including fire to ensure responsible, thorough, targeted cleanup and reporting.

Spill Report

<u>Date</u>	<u>Tracking #</u>	<u>Address</u>	<u>Area</u>	<u>Complaint</u>	<u>Amount</u>	<u>Type of Spill</u>	<u>Outcome</u>
1/4/2024	CO#38007	3893 Pioneer Trail	Behind the apartments	Sewage	Est 75-100 gal	Sewage	EMD responded and had the City Housing department follow up for compliance.
2/29/2024	OES#24-1237	3860 Saddle Rd	Heavenly Cal Lodge	Snowcat refilling spilled fuel onto the snow, faulty fuel line	1 pint	Diesel	Heavenly employees stopped, contained and cleaned up the spill. No waterways impacted.
5/2/2024	OES#24-2554	3860 Saddle Rd	Heavenly	Engine fluids	10 gal	Vehicle accident	City of SLT and CHP provided clean up.
6/30/2024	OES#24-3709	2070 James	Flyers Energy	Customer dropped gas pump while fueling.	5 gal	Diesel	Staff used spill kit to clean up fuel.
7/3/2024	OES#24-3782	3005 Jameson Beach Rd	Camp Richardson Marina	Gasoline	0.25 gal	Gasoline	Boat spilled fuel on port side when a vent burped out the fuel. Marina staff boomed and absorbent diapers placed on surface. No sheen visible.
7/11/2024	OES#24-3957	900 Ski Run Blv	Ski Run Marina	Sunk boat discovered. No sheen until towed to dock.	Unknown	Motor oil	Small amount of sheen after towing. Boomed and absorbents applied by marina staff.
7/16/2024	CO38382	TJ Maxx back lot	Lot behind BZ Sports	Sewage spill began Wednesday, July 10. Discovered by STPUD.	Unknown	Sewage	STPUD notified EMD of ongoing spill. On site, turned off water to vacator out clog and sanitized area.
7/23/2024	OES#24-4194	2070 James	Flyers Energy	1 gal red dye diesel spill from leaking equipment	1 gal	Red dye diesel	Spill to concrete. Staff stopped and contained diesel.
7/29/2024	CO#38411	Fallen Leaf Lake Rd	Fallen Leaf Lake	STPUD ruptured sewer line. Sewage to Lake at stairs.	3-10 gal	Sewage	STPUD notified EMD of spill. Vactored and sanitized. Water samples taken 7/30 and 7/31 showed levels of TC & EC. Levels were below MCL after 2nd round.
8/4/2024	OES#24-4402	3000 Jameson Beach Rd	Camp Richardson Marina	Sunk vessel. Booms and barrier placed around vessel by Marina staff.	Petroleum	Oil	Marina staff skimmed water and area is free of any sheen.
8/9/2024	OES#24-4516	3411 Lake Tahoe Blv	Timber Cove Marina	Vessel crashed into pier, spilling bilge slop.	Unknown	Bilge slop	Email from Aron Faria, believes the problem was resolved.
8/27/2024	CO#38464	4135 Saddle Rd	City of SLT	Sewage from porta potty tipped over	Unknown	Sewage	EMD onsite; no standing wastewater; the City will do cleanup/sanitizing of the area as it was their city workers who used the porta potty.
11/11/2024	OES#24-6357	Hwy 50 at Lakeview Ave	truck jackknifed on highway.	Diesel spill of 80 gallons. release was stopped but containment is unknown.	80 gallons	Diesel	Unknown
12/17/2024	OES#24-7037	Sierra Blvd @ US 50	Intersection	Gas can fell off truck bed, spilling 3 gallon of gasoline to road surface.	3 gallons	Gasoline	SLTFD responded and completed clean up.
12/30/2024	CO#38739	2552 Del Norte	Back yard	Sewage release	Unknown	Sewage	STPUD already cleaned up the spill and sanitized the area. Cap was off the cleanout. Plumber made the repair.

Stormwater Violations

Date Run : 2/7/2025 2:13:55PM
Run By : Administration

EL DORADO COUNTY
Listing of K022 & K042 Violations by Activity Date and Facility ID

Report # : 5042
Page # : 1

Report Selection Criteria: Inspection Date 1/1/2024 - 12/31/2024
 Facility ID FA00000000 - FA99999999
 Program/Element 0000 - 9999

Activity Date Facility ID, Name & Address

01/04/24 **FA0001538 BASECAMP HOTEL - CEDAR AVE 4143 CEDAR AVE SOUTH LAKE TAHOE, CA 96150**

Occurred	Violation Code	Program Record ID	Description	Violation Status
01/04/24	16K042	PR0008538	Garbage and refuse properly disposed; facilities mainta	OU

01/29/24 **FA0001729 HUNAN GARDEN 900 EMERALD BAY Rd SOUTH LAKE TAHOE, CA 96150**

Occurred	Violation Code	Program Record ID	Description	Violation Status
01/29/24	16K042	PR0003160	Garbage and refuse properly disposed; facilities mainta	OU

02/13/24 **FA0001482 JALAPENO'S TAQUERIA 675 EMERALD BAY RD SOUTH LAKE TAHOE, CA 96150**

Occurred	Violation Code	Program Record ID	Description	Violation Status
02/13/24	16K042	PR0002732	Garbage and refuse properly disposed; facilities mainta	OU

05/28/24 **FA0001732 SLICE OF SIERRA PIZZA CO 3053 HARRISON AVE # 103 SOUTH LAKE TAHOE, CA 96150**

Occurred	Violation Code	Program Record ID	Description	Violation Status
05/28/24	16K042	PR0003168	Garbage and refuse properly disposed; facilities mainta	OU

06/06/24 **FA0001738 OVERLAND MEAT & SEAFOOD CO 2227 LAKE TAHOE BLVD C SOUTH LAKE TAHOE, CA 96150**

Occurred	Violation Code	Program Record ID	Description	Violation Status
06/06/24	16K042	PR0003176	Garbage and refuse properly disposed; facilities mainta	OU

07/09/24 **FA0006075 TAHOE POPS 2580 LAKE TAHOE BLVD A COMMISSARY - FA#7254 SOUTH LAKE TAHOE, CA 96150**

Occurred	Violation Code	Program Record ID	Description	Violation Status
07/09/24	16K022	PR0015041	Sewage and wastewater properly disposed	OU

09/19/24 **FA0001200 APPLEBEE'S NEIGHBORHOOD GRILL & BAR 3987 LAKE TAHOE BLVD SOUTH LAKE TAHOE, CA 96157**

Occurred	Violation Code	Program Record ID	Description	Violation Status
09/19/24	16K022	PR0008560	Sewage and wastewater properly disposed	OU

10/10/24 **FA0002939 EMPANASH 900 SKI RUN BLVD STE 106 SOUTH LAKE TAHOE, CA 96150**

Occurred	Violation Code	Program Record ID	Description	Violation Status
10/10/24	16K042	PR0006253	Garbage and refuse properly disposed; facilities mainta	OU

Date Run : 2/7/2025 2:13:55PM
Run By : Administration

EL DORADO COUNTY
Listing of K022 & K042 Violations by Activity Date and Facility ID

Report # : 5042
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Activity
Date Facility ID, Name & Address

12/04/24 **FA0001748 SNO-FLAKE AT TAHOE 3059 HARRISON AVE SOUTH LAKE TAHOE, CA 96150**

Occurred	Violation Code	Program Record ID	Description	Violation Status
12/04/24	16K042	PR0003187	Garbage and refuse properly disposed; facilities mainta	OU

Household Hazardous Waste (HHW)

South Tahoe Refuse (Household Hazardous Waste)

South Tahoe Refuse

	Pounds (lbs)												
	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	TOTALS
Hazard Class													
FS (4.1)	0	0	0	0	0	0	0	75	0	0	0	0	75
Bulk FLT (3)	2950	0	2350	4300	3200	3150	6200	4750	4300	3800	4350	2100	41450
Oil Base Paint (3)	1200	0	800	800	2400	0	0	5150	0	0	0	0	10350
Toxic Solids (6.1)	0	0	150	200	0	0	250	500	250	250	250	250	2100
PRM	0	0	2000	2400	5850	3900	5600	0	6350	6800	9000	3650	45550
Subtotal	4150	0	5300	7700	11450	7050	12050	10475	10900	10850	13600	6000	99525
Acids (8)	300	0	0	200	150	250	300	300	600	600	250	0	2950
Bases (8)	300	0	0	200	200	500	300	300	600	1200	0	300	3900
Oxidizers (5.1)&(5.2)	0	0	620	0	350	150	250	350	0	0	250	0	1970
PCB Paint		0	0	0	0	0	0	0	0	0	0	0	0
PCB Other	800	0	0	800	0	0	0	0	0	0	0	1600	3200
Subtotal	1400	0	620	1200	700	900	850	950	1200	1800	500	1900	12020
Antifreeze (Gal.)	400	0	900	1100	400	800	1600	800	1200	800	800	800	9600
Auto Batteries	0	0	0	0	0	0	1025	0	0	0	0	0	1025
Latex Paint	0	0	0	0	23000	0	23000	0	23000	0	25000	0	94000
Motor Oil (Gal.)	1870	3400	0	5100	0	0	11050	5695	5950	5015	8500	5780	52360
Filters	500	0	0	200	1250	250	750	500	750	1000	750	0	5950
Subtotal	2770	3400	900	6400	24650	1050	37425	6995	30900	6815	35050	6580	162935
Asbestos (9)	0	0	0	0	0	0	0	0	0	0	0	0	0
Mercury Switches	0	0	0	25	0	0	0	0	0	0	0	0	25
Mercury Other	0	0	0		0	0	0	0	0	0	0	0	0
Lamps	450	0	700	550	150	400	375	250	350	400	600	250	4475
Recharge Batteries	300	0	450	0	75	150	750	0	300	300	450	300	3075
Other Batteries	1600	0	1700	0	950	800	2400	800	0	1600	800	850	11500
Sub Total	2350	0	2850	575	1175	1350	3525	1050	650	2300	1850	1400	19075
CEDs	8000	8000	0	8000	8000	8000	5800	6800	6400	6800	0	7600	73400
CRTs	0	0	0		0	0	0	0	0	0	0	0	0
UWED	8520	0	0	8180	4920	8460	17400	9000	11800	12400	4600	12600	97880
Subtotal	16520	8000	0	16180	12920	16460	23200	15800	18200	19200	4600	20200	171280
UW Aerosols	0	0	500	0	400	400	400	400	400	400	400	0	3300
Other UW	0	0	0	0	0	0	0	0	0	0	0	0	0
All UW Subtotal	16520	8000	500	16180	13320	16860	23600	16200	18600	19600	5000	20200	174580
Sharps	50	0	40	50	50	40	50	50	50	50	50	50	530
Pharm Waste	0	0	0	0	0	0	0	100	0	0	0	50	150
Compressed Gas (2.1)	0	0	400	0	0	6450	250	300	300	0	250	0	7950
Treated Wood	0	0	0	0	12560	0	0	0	0	0	0	0	12560
Non UW Aerosols (2.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	750	250	0	0	0	1000
Subtotal	50	0	440	50	12610	6490	300	1200	600	50	300	100	22190
Totals	43760	19400	10610	48285	76825	50160	100950	52670	81050	60615	60900	56380	661605

West Slope (Household Hazardous Waste)

W. Slope 2024														TOTALS
	FS86	FS86	FS86	FS86	FS86	FS86	FS 86	Mountain Creek Middle School	FS86	FS86	Swansboro Country	FS86	FS86	
	CANCELED Jan-24	10-Feb-24	March 9 2024	April 6 2024	May 11 2024	June 15 2024	July 13 2024	Somerset August 3 2024	August 17 2024	Sept 14,2024	Oct 12,2024	16-Nov-24	Dec 7 2024	
Pounds (lbs)														
Hazard Class														
FS (4.1)		41	273					142			101		54	611
Bulk FLT (3)		725	1395	890			930	288	480	400		165	800	152
Oil Base Paint (3)		205	149	76	420	59			475			275	125	1784
Toxic Solids (6.1)			244		43	105					68		100	560
Reactive														32
Subtotal	0	971	2061	966	463	1094	430	955	400	169	440	1025	238	9212
Acids (8)		33	27	81				122	8			47		318
Bases (8)		59	73	49				103	11			39		334
Oxidizers (5.1)&(5.2)									6			21		27
PCB Paint														0
PCB Other														0
Subtotal	0	92	100	130	0	0	225	25	0	0	107	0	0	679
Antifreeze (Gal.)									55			40		95
Auto Batteries														0
Latex Paint	0	696	1400	1200	781	1200	455		300	400	1675	600	502	9209
Motor Oil (Gal.)									100			305		405
Filters			65											65
Subtotal	0	696	1465	1200	781	1200	455	155	300	400	2020	600	502	9774
Asbestos (9)														0
Mercury Switches														0
Mercury Other			43											43
Lamps			78	4	132					158	26		210	608
Recharge Batteries		350			138	350						40		878
Other Batteries		387			251				350	400				1388
Sub Total	0	737	121	4	521	350	0	0	350	558	26	40	210	2917
CEDs				329		250								579
CRTs			310					139	150		200	50		849
UWED		343	242	256	410	230	233	550	200	255	885	200	244	4048
Subtotal	0	343	242	585	410	480	233	550	200	255	885	200	244	4627
UW Aerosols		78	648	52	41	77	64	42		88	156	150	33	1429
Other UW														0
All UW Subtotal	0	421	890	637	451	557	297	592	200	343	1041	350	277	6056
Sharps		21	32	31		83			21	50	44	68	50	433
Pharm Waste														0
Compressed Gas (2.1)			395	124				120	52			25		716
Treated Wood														0
Non UW Aerosols (2.1)														0
Other														0
Subtotal	0	21	427	155	0	83	0	141	102	44	68	75	33	1149
Totals	0	2938	5064	3092	2216	3284	1407	1868	1352	1514	3702	2090	1260	29787

APPENDIX D

APPENDIX D

Structures Maintained 2024

INSPECTION_DATETIME	INSPECTOR	MAINT_DATETIME	MAINT_DESCR	COMMENTS	Project	Year Built	Location
2024-07-16 16:05:58 WM		2024-07-16 17:30:55	Plugged DI, can needs cleaning and flow line	Cleaned DI and sediment trap. And flow line.	95139		2001 Cattlemans Tr. [east end] cul-de-sac Modoc Way (south side) @ San Bernardino (south end) left of house # 1024
2024-11-07 23:46:00 Rw					0		
2024-11-07 23:45:00 Rw					95179		2017 SW corner of E San Bernardino & San Diego
2024-11-07 23:44:00 Rw					95179		2017 N side San Diego ~ 63' E of E San Bernardino 46 ft straight across from bear box at 1048 San Diego.
2024-11-07 23:42:00 Rw					0		
2024-11-06 23:39:00 Rw							2019 24 ft. in line from bearbox. Driveway edge also 55.5 ft from piercer pole to the west.(pictured). 5 ft back toward street from bearbox
2024-11-06 23:39:00 Rw							
2024-11-18 23:38:45 Rw							
2024-11-06 23:38:00 Rw							
2024-11-06 23:37:00 Rw					95179		NE corner of Ute loop ~ 17' NE of utility pole also 27 ft in line from bearbox .
2024-11-06 23:36:00 Rw					95179		SE corner intersectoin of Country Club and Araspahoe
2024-11-06 23:35:00 Rw					95179		NE corner intersectoin of Country Club and Araspahoe
2024-11-06 23:35:00 Rw							13.5ft from fog line, 5.5ft from rock pictured to its immediate east.
2024-11-06 23:34:00 Rw					0		S side Sawmill Rd. ~ 148' W of HWY (50) 38ft west of 1900 Myers's bikeway sign and 15 ft in from railing
2024-11-06 23:34:00 Rw					95192		S side Sawmill Rd. ~ 207' W of HWY 50(73.5ft from 2015 meyers bikeway sign, 15ft from railing)
2024-11-06 23:31:00 RW				Removed Willows and all debris from area 2023	95133		Mountain Trout (north side) at Clear View Dr. (west side) in concret basin.(87ft from power pole @914 mtn trout, 125ft from 917 man trout mailbox)
2024-11-06 23:30:00 Rw					95133		Clear view Dr. (west end) at Mountain Trout Dr., north side(15ft from can to street name sign, 86.5ft from can to power pole in front of 914 man. Trout)
2024-11-07 19:31:36 Rw					95179		NE corner of Ute loop ~ 17' NE of utility pole also 27 ft in line from bearbox .
2024-11-07 19:02:40 Rw					95179		SE corner intersectoin of Country Club and Araspahoe
2024-11-07 19:01:07 Rw					95179		NE corner intersectoin of Country Club and Araspahoe
2024-09-24 17:23:00 MPB				Inlet needs debris removed (CCC hand work)	95104		1987 6th Ave. (east side) north of Fir St. across from 7168
2024-09-24 15:40:43 MPB					95157		2016 W side 4th in basin ~ 115' S of Hazel Minniconjou Dr (west side), ~63' north of Watson St
2024-09-11 18:40:00				Cleaned flow line, curb and flow line and can	95184		2006 CENTERLINE
2024-08-27 19:23:17		2024-08-27 19:23:26	Flow line cleared entrance to sediment can cleaned		95104		Grey Ave. (west side) 510' south of Pine St across from 7037
2024-08-19 14:54:43 JBA				Clean st	97676		ON LAKE TAHOE (SOUTH SIDE) ~35' EAST OF INTERSECTION W/ BOULDER MTN CT (IN FRONT OF 2007 FIRE STATION)
2024-07-31 21:20:22				Needs rodgering to find connecting sediment			
2024-07-31 19:38:00				DI needs cleaning			

Structures Maintained 2024

2024-07-19 21:00:25 rw	2024-09-16 14:30:29 can	Cleaned DI flow line and	95183	Tooch St (south east side) ~72' south west of 2008 intersection with Susquehana Dr
2024-07-19 20:49:40 rw			95184	2006 Koyukon Dr (east side), ~120' north of Nadowa St
2024-07-19 20:49:07 rw			95184	2006 Koyukon Dr (east side), ~120' north of Nadowa St
2024-07-19 20:42:27 rw	2024-07-22 16:39:17	Cleaned DI, flow line and can	95184	Koyukon Dr (west side) ~105' north of intersection
2024-07-19 20:40:18 re	2024-07-29 19:58:00 Clean DI and can.	Cleaned DI and can.	95184	2006 with Nadowa St
2024-07-19 20:38:23 rw			95184	2006 Koyukon Dr (west side), @ house # 1940
2024-07-19 20:37:50 rw			95184	Burle St (east side) @ intersection with Watson St
2024-07-19 20:36:00 rw	2024-07-22 17:58:01	Flow line and sediment trap cleaned	95184	2006 (north east corner)
2024-07-19 20:34:21 rw	2024-07-22 19:53:30	Flow line, DI, & can cleaned	95184	Burle St (west side) @ intersection with Watson St
2024-07-19 20:33:37 rw	2024-07-22 17:59:21	Hunkpapa St (west side) flow line, DI and can cleaned	95184	2006 (north west corner)
			95184	Watson St (south west corner) @ intersection with
			95184	2006 Hunkpapa St
			95184	Hunkpapa St (north east corner) @ intersection with
			95184	2006 Watson St
			95184	Hunkpapa St (west side) @ just north of intersection
			95184	2006 with Watson St
2024-07-19 20:29:19 rw	2024-09-16 15:15:45	Cleaned out sediment trap and can	95184	Minniconjou Dr (north east side), ~94' south east of
2024-07-19 20:28:31 rw	2024-09-16 15:13:47 can	Cleaned sediment trap and	95184	2006 Kulow St
2024-07-19 20:21:45	2024-09-16 21:15:35	Cleaned DI AC curb flow line and can	95184	Minniconjou Dr (north east side), ~94' south east of
			95184	2006 Kulow St
2024-07-19 20:19:41 te	2024-08-19 19:05:00	Do needs cleaned out as well as flow line.	95184	2006 Minniconjou Dr (north east side), ~94' south east of
2024-07-19 20:05:42	2024-09-16 17:39:53 can	Flow line cleaned DI and can	95184	2006 Kulow St
			95184	2006 Kulow St (north west corner), @ Minniconjou Dr
2024-07-19 19:57:25	2024-09-16 16:59:10	Cleaned out all debris from flowline and DI	95184	
2024-07-19 19:56:55 rw	2024-09-16 17:01:26 line	Cleaned out DI and flow	95184	2006 Minniconjou Dr (south west corner) @ Canarsee St
2024-07-19 19:54:40 rw			95184	2006 Minniconjou Dr (north west corner) @ Canarsee St
2024-07-19 19:46:53 rw	2024-07-29 21:00:17	Clean DI , can and flow line. Cleaned DI, can, and flow line.	95184	2006 (eastern corner)
2024-07-19 19:45:34 rw	2024-07-22 21:34:42	Flow line can and DI cleaned	95184	Canarsee St (south side), ~75' west of intersection
2024-07-19 19:42:35 rw	2024-07-29 20:28:37	Clean DI and can.	95184	2006 with Brule St
2024-07-19 19:41:32 rw	2024-09-30 21:37:14 can	Cleaned flow line DI and can	95184	Koyukon Dr (east side), ~55' south of intersection
2024-07-19 19:39:48 rw	2024-07-29 16:20:00	Clean DI, FLOW LINE, AND CAN.	95182	2006 with Canarsee St
2024-07-19 19:35:48 rw			95182	Panka St (south side) @ intersection with Koyukon
2024-07-19 19:35:05 rw			95182	2006 Dr
2024-07-16 21:27:42 rw	2024-07-18 17:04:04	Cleaned sediment trap and can	95154	Panka St (south side), ~55' east of intersection with
2024-07-16 21:22:54 rw	2024-07-18 17:01:29	Cleaned flow line, can and DI	95154	2006 Apalachee Dr
2024-07-16 21:19:37 rw	2024-07-18 17:02:59	Cleaned can, flow line and DI	95154	2006 Panka St @ end (east side)
2024-07-16 20:55:17 rw	2024-07-18 20:37:24	Sediment trap cleaned out	95154	2006 Apalachee (east side) @ house 1919
2024-07-16 20:43:20 rw	2024-07-17 16:38:53	Can, DI and flow line cleaned	95154	2006 Appalachee Dr (west side) @ house 1914
			95154	2007 Nottaway (northside) next to house 1200
			95154	2007 Nottaway bottom (south side) below 1199
			95154	2007 Nottaway bottom (north side) down from 1200
			95154	2007 Onnontioga st (west side) @ house 1144
			95154	2007 Onnontioga (south end) west of 1151

Structures Maintained 2024

2024-07-16 20:36:18 rw	2024-07-17 20:23:43	DI can and flow line cleaned	95182	2006 Onnontioga south end (south side) @ Muskawaki
2024-07-17 21:00:47 rw		Flow line DI and can cleaned	95182	2006 Muskawaki Dr (west side) just east of house 982
2024-07-16 20:31:33 rw			95182	2006 Muskawaki Dr (west side) just east of house 982
2024-07-16 21:52:00 rw	2024-07-17 21:53:11	Flow line, DI and can cleaned	95182	2006 Onnontioga north end (south side) @ Muskawaki
2024-07-16 20:29:40 re	2024-07-18 14:41:19	Cleaned flow line, DI, and can.	95182	2006 Onnontioga north end (north side) @ Muskawaki
2024-07-16 20:28:38 rw	2024-07-18 14:43:00	Cleaned flow line, DI, and can.	95182	2006 Onnontioga (north side) @ house 928
2024-07-17 18:39:14 rw		DI sediment trap flow line cleaned	95185	2005 1624 Kansa ST (south side) @ Washoan BLVD
2024-07-16 20:05:06 rw	2024-07-18 18:25:22	DI, flow line and can cleaned	95185	2005 Washoan BLVD (south side) @ Acoma CT (east side)
2024-07-22 15:43:27 rw		vactor DI and bore pipe, Doug out and cleaned	0	1969 Homestead Tr (east side) @ north end
2024-07-16 19:02:51 rw	2024-07-29 17:04:00 Clean sediment trap.	Cleaned out sediment trap and can.	95176	Golden Bear Trail (south side) 132' west of 2014 pioneer Trail. Inlet of Stormwater retention system.
2024-07-16 19:01:32 rw	2024-07-29 17:23:54 Clean sediment trap.	Cleaned sediment traps and can.	95176	Golden Bear Trail (south side) 132' west of 2014 pioneer Trail. Inlet of Stormwater retention system.
2024-07-16 18:59:16 rw		Cleaned DI and sediment trap	95176	Golden Bear Trail (south side) 150' west of 2014 pioneer Trail. Offline infiltration for DI
2024-07-16 18:56:57 rw	2024-07-17 15:27:36	Cleaned can DI sediment trap and flow line	95176	Golden Bear Trail (south side) 150' west of Pioneer 2014 Trail
2024-07-16 18:55:58 rw	2024-07-16 14:25:00 Cleaned out DI and can.		95176	Golden Bear Trail (north side) 150' west of Pioneer 2014 Trail
2024-07-11 21:16:51	2024-07-23 17:40:11	Drained and cleaned sediment trap and flow line	95129	Victoria Dr. (east side) 55' north of Beach Lane 1992 (north end)
2024-07-11 21:14:38	2024-07-23 17:43:13	Drained and cleaned sediment trap and flow line	95129	Victoria Dr. (west side) 110' north of Beach Lane 1992 (north end)
2024-06-24 18:29:25 rw	Cleaned DI and roddered 2024-07-29 15:21:00 pipe to storm drain.	Cleaned DI and also roddered pipe that goes to storm drain.	0	Lupine Tr (south east side), between house # 2493 1967 and # 2485
2024-05-30 17:48:51 Rw	2024-06-19 21:41:02 Cleaned DI		95155	Del Norte St (north east side), ~190' south east of 2011 Fortune Way (east end)
2024-05-30 17:38:02 Rw	2024-06-19 20:57:07 Cleaned ST		95155	Cold Creek (west side), ~175' south of Alice Lake 2011 (south east end)
2024-05-20 22:07:19 Whitney/Padilla	2024-05-20 22:07:58 Cleaned DI	Plugged during the winter and water was not flowing	95184	Minniconjou Dr (north east side), ~95' south of 2006 Kulow St, across from house # 1942
2024-05-08 15:34:21 Rw		Needs vactoring. Clogged with sediment	95126	1994 Apache Ave (south side) 30' east of Chimney Way
2024-07-16 21:19:46 EP		clean	0	1969 Homestead Tr (west side) @ north end
2024-08-20 16:38:06 AP		Needs cleaning to complete adding information		
Inspector 99	2024-08-08 20:39:45 Leaned AC flow lines to ST		95104	1987 Pine St. (south side) @ 10th Ave.
Inspector 99	2024-08-08 20:41:01 Cleaned AC flow line to ST		95104	1987 Pine St. (north side) @ 10th St.
Inspector 99	2024-08-08 20:42:40 ST	Cleaned the AC flow line to	95104	1987 9th Ave. (east side) @ Pine St. (south side)
Inspector 99	2024-08-08 20:43:52 ST	Cleaned the AC flow line to	95104	1987 Elm St. (south side) @ 8th Ave. (west side)
Inspector 99	2024-08-08 20:44:52 Stablshed flow line to can.		95157	2016 SE return of 8th & Elm

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Inspector 99	2024-08-20 15:18:50	Cleaned sediment trap entrance and flow line to can		95157	2015 NW return of Alder St. adn 10th Ave.
Inspector 99	2024-08-20 16:19:57	Flow line and entrance to semimonthly trap cleaned good condition		95104	1987 Alder St. (south side) @ 5th Ave. (west side)
Inspector 99	2024-08-20 17:22:18	Flow line entrance to sediment trap cleaned	Crazy mikes house	95104	1987 Alder St. (south side) @ 3rd Ave. (west side)
Inspector 99	2024-08-20 19:24:17	South side flow line and entrance to can cleaned		95104	1987 Fir St. (south side) @ 5th Ave. (west side)
Inspector 99	2024-08-20 20:25:35	Flow line ditch and sediment can cleaned		95104	1987 Alder St. (south side) @ 7th Ave. (west side)
Inspector 99	2024-08-20 21:19:40	Cleaned flow line and sediment trap	Good condition	95104	1987 Fir St. (south side) @ 7 Ave. (west side)
Inspector 99	2024-08-26 15:38:52	Cleaned flow line and can entrance		95104	1987 Lewis Ave (west side) @ McKinney Dr. (south side)
Inspector 99	2024-08-26 15:57:06	Cleaned flow line and entrance to sediment trap		95104	1987 Pine St (south side) @ Grey Ave (east side)
Inspector 99	2024-08-26 16:43:22	Cleaned inlet flow-line and grate		95104	1987 Pine St. (south side) @ Deer Ave (east side)
Inspector 99	2024-08-26 18:27:20	AC Flow line cleared and entrance to sediment trap cleaned		95157	2016 W side Timberwolf ~ 520' N of Alder
Inspector 99	2024-08-26 20:44:37		Cleaned and cleared debris from flow line and	95128	1996 Mountain Drive (60' north of intersection)
Inspector 99	2024-08-26 22:03:36	Cleared flow line sediment trap and can		95145	2003 Woodland Drive (west side) @ County Road 2538
Inspector 99	2024-08-27 17:58:27		Cleared flow line and entrance to sediment trap	95157	2016 W side Antelope Way at W end of Alder
Inspector 99	2024-08-27 19:56:56	Cleaned flow line and surrounding to trap		95157	2016 E side Chinkapin Rd. ~ 925' S of Antelope Way
Inspector 99	2024-08-27 20:05:21	cleaned flow line to trap		95104	Grey Ave. (west side) 510' south of Pine St across 1987 from 7037
Inspector 99	2024-08-27 20:17:57	Cleaned sediment trap flow line and can entrance can clean		95104	1987 Bear St. (east side) 1100" south of Pine st @ 7087
Inspector 99	2024-08-27 20:58:02	Cleaned AC flow line and sediment trap entrance		95104	1987 Pine St. (south side) @ Wilson Ave. (Alpha St.)
Inspector 99	2024-08-27 21:37:51		Finished ac flow line and sediment trap, can cleaned	95145	2003 Woodland Drive (west side) @ County Road 2538
Inspector 99	2024-08-28 16:13:28	Brushed around can, cleaned flow line and sediment trap		95104	1987 Lewis Ave (west side) @ Pine St (west end)
Inspector 99	2024-08-28 16:39:40	Cleaned AC flow line and sediment trap entrance		95157	2016 NW return of 7th and Poplar

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Inspector 99	2024-08-28 17:44:47	Cleaned rock flow line and can of sediment trap	95104	1987 Fir St. (south side) @ 3rd Ave. (west side)
Inspector 99	2024-08-28 20:57:31	Cleaned flow lines and two of the three sediment traps on west corner	95128	1996 Mountain Drive - Across from 8657
Inspector 99	2024-09-03 18:13:01	Collected data cleaned and measured can cleaned AC flowline		
Inspector 99	2024-09-03 21:16:05	Cleaned flow lines and sediment trap	95102	Valley View Dr. (west side) @ Cedar Ridge Dr. (south side)
Inspector 99	2024-09-04 14:14:00	Cleared and cleaned 6' AC flow line to concrete trap	9510269	Highview Dr. at the gate to house # 9040 - approx. 90 ft. south of Highland intersection.
Inspector 99	2024-09-04 14:15:00	Cleaned flow line and AC inlet to DI / trap	3602140	At intersection of Highland and Highview Drive
Inspector 99	2024-09-04 14:20:00	Cleaned AC flow line to inlet and cleaned sediments trap	95129	King George (west side) across from and just south of 8715
Inspector 99	2024-09-04 14:22:00	Cleaned AC flow line to inlet and cleaned sediment trap	95129	King George (west side) across from and just south of 8715
Inspector 99	2024-09-04 14:23:00	Large sediment trap cleaned as well as curb back	95129	1992 King George (east side) 60' south of 8715
Inspector 99	2024-09-04 14:28:00	DI can and flow-line cleaned, pipe on N side outlet cleared of debris	95129	1992 Sierra Dr. (south side) @ 415
Inspector 99	2024-09-04 14:32:00	Cleaned DI, flow line and can	95129	1992 Victoria Dr. (east side) @ Victoria Circle
Inspector 99	2024-09-04 14:34:00	Cleaned DI can and flow line	95129	1992 Victoria Dr. (west side) @ Victoria Circle
Inspector 99	2024-09-04 14:36:00	Cleaned AC curb back to pipe inlet	95129	1992 Victoria Dr. (east side) @ Victoria circle
Inspector 99	2024-09-05 14:45:15	Sediment trap flow line cleaned	95178	2010 Rubicon Dr (north side) @ South Ln
Inspector 99	2024-09-05 15:54:15	DI flow line and can cleaned	95129	1992 Beach Lane (north end) south side @ Victoria Drive
Inspector 99	2024-09-05 16:36:36	Flow line DI and can cleaned on east side	95129	1992 Victoria Circle (east side) @ 8747
Inspector 99	2024-09-05 20:37:29	West side of Timberwolf near 7216 Cleaned flow line and DI emptied concrete box/can	95104	1987 TIMBER WOLF DR PLUGGED W/ CONCRETE
Inspector 99	2024-09-11 17:39:00	Cleaned DI flow line and can	95184	2006 Minniconjou Dr (south west corner), @ Watson St

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Inspector 99	2024-09-11 19:42:56	Cleaned around sediment trap and inside. Good condition now	95184	2006 CENTERLINE	Minniconjou Dr (west side), ~ 59' north of Watson St
		Cleared sediment trap and can 2 of 3			
Inspector 99	2024-09-11 19:45:45	Third of three - cleared flow line and cleaned sediment trap	95184	2006 CENTERLINE	Minniconjou Dr (west side), ~ 64' north of Watson St
		Cleaned out all of the debris			
Inspector 99	2024-09-16 20:14:56	Cleaned sediment trap and can	95184	2006 CENTERLINE	Minniconjou Dr (west side), ~ 250' north of Watson St, @ house # 1866
Inspector 99	2024-09-16 21:11:55		95184	2006 with Kulow St	Minniconjou Dr (north west corner), @ intersection

Pipes Maintained 2024

INSPECTION_DATETIME	INSPECTOR	PRIORITY	MAINT_DATETIME	MAINT_DESCR	COMMENTS	Pipe ID	YR_BUILT	LOC_DESCR	Length (FT)
2024-04-15 19:56:22	Zorn	4	2024-05-15 17:00:35		Replaced pipe Pipe rusting away cleaned inlet and outlet	1032		Two lots south of Morton Dr. & 0 South Upper Truckee Rd.	37
2024-05-02 16:19:38	rw	3		pipe plugged	Pipe may need replacing.	1476		The southwest ret. On Zapotec Dr. 1966 intersec. @ Mandan St.	47
2024-07-09 22:00:46	Zorn	4	2024-07-15 22:55:09	Cleaned	Cleaned flow line/ DI,can and sediment trap	1113		Crossing Chiapa Dr.~ 490' NNW of 1964 Highway 50.	42
2024-07-16 16:44:19	BH AS	0	2024-07-16 17:45:57	Pipe outlet needs cleaning, flow line and rodder pipe	Roddered out pipe going to meadow.	1116		1964 Located in Tolteca Ct.	83
2024-07-16 19:47:35	rw	0	2024-07-18 21:40:00	vactor out end of pipe and some flow line	Clean CMP inlet	919		Trending northeast, from northern end of Homestead Trail	42
2024-07-22 13:35:41	Padilla	3			Locate CMP inlet	3043		In front of 350 Margaret	23
2024-07-22 18:40:19	Ap	3			Clean out CMP outlet pond 6 feet of flowline	3040			38
2024-07-22 18:41:55	AP	3			CMP outlet needs cleaning for Size verification	3033			25
2024-07-31 19:32:25	AS/AP	3			Needs cleaning for field verification	0			28
2024-07-31 19:50:35	AD/AP	3			Cleaned CMP at corner going in. Clean Sediment Trap at pipe outlet si we can add it to collector	0			190
2024-08-13 17:54:31	AP	0	2024-08-21 17:06:03	Cleaned sediment trap, roddered pipe to CMP window and cleaned flow line to window.	Crossing Timber Wolf Drive, at 1968 southern cul-de-sac	376			60
2024-08-15 17:04:05	AP	4	2024-10-10 21:14:39	Cleaned pipe outlet and roddered out pipe	Clean pipe outlet and roder pipe	2304		Crossing North Upper Truckee, ~289' 0 south west of Lake Tahoe Blvd	46
2024-08-15 17:06:06	Alex	3			Locate Pipe outlet and roder out pipe for inspection.	2300		Crossing North Upper Truckee ~50' 1992 north east of Mt Rainier	79
2024-08-19 19:17:28	rw	3				85		Crossing Humboldt Street at Amador 1958 Way intersection	50
2024-08-20 17:45:00	D Kikkert	3			Debris from the upper channel was pushed along the channel and now is close to blocking the inlet of the pipe.	2008		Kulow (north side) ~37' south west 2006 of Hunkpapa	15

Pipes Maintained 2024

2024-08-20 22:02:07 99	0	2024-08-21 16:02:43	Clean sediment trap, flow line, trap and rodged pipe to outlet.	Cleaned sediment trap and rodged pipe to outlet.	0		100
2024-09-12 15:55:48 rw	3				410	West of Plateau Circle, ~750ft north of Fair Meadow Trail Intersection Crossing Del Norte St @ Amador	137
2024-09-15 19:09:55 rw	4				2778	2012 Way intersection	39
2024-09-19 21:38:05 rw	4			dig outlet and channel. chainsaw, loppers, shovels, wheel barrow	408	West of Plateau Circle at intersection with Fair Meadow Trail	189
2024-09-19 21:48:45 rw	4				406	West of Plateau Circle, ~375ft north of Cougar Trail	111
2024-09-24 16:11:41 MPB	2			Outlet of pipe needs vegetation management (CCC's hand crew work) Vegetation/Berkshire's removal needed at inlet	1647	1987 Crossing 5th, ~320' south of Hazel.	35
2024-09-24 16:22:42 MPB	3				1639	1987 Crossing 6th ~520' south of Hazel Starting ~545' north of Fir, heading	34
2024-09-24 16:28:42 MPB	0				1638	1987 north. Parallel to 6th ~524' south of Hazel. Running north.	86
2024-09-24 16:43:22 MPB	0				1645	1987 Parallel to 5th	148
2024-09-24 17:25:40 MPB	2			Inlet of pipe needs debris removed (CCC's hand work)	1637	Crossing 6th ~545' north of Fir. 1987 Parallel to Oak	46
2024-09-24 17:33:20 MPB	1			Outlet needs minor excavation (hand work)	300	Crossing 7th Ave, north of Oak Street 1987 intersection	60
2024-09-24 17:36:32 MPB	1			Outlet needs debris removed (CCC's hand work)	1636	Crossing 7th ~134' south of Oak. (1987 plans say 60')	56
2024-09-25 18:29:40 rw	3				2554	Drains system from Cattlemans Trail and Plateau Circle (northeast side of Plateau Circle) 1969	125
2024-09-25 20:35:52 MPB	0				1636	Crossing 7th ~134' south of Oak. (1987 plans say 60')	56

Pipes Maintained 2024

2024-09-25 20:49:19 MPB	2	Inlet of pipe needs debris removal	1630	1987 Crossing 8th @ Fir. Parallel to Fir	33
2024-09-25 21:14:32 MPB	2	Inlet of pipe needs debris removal	455	Crossing Ninth Street, ~530 feet 1987 north of Alder Street	34
2024-09-25 21:18:35 MPB	0	Pipe has no restrictions at time of inspection	1717	1925 Crossing 10th, ~541' north of Alder	43
2024-10-10 21:35:09 DB/AP	3	Pipe needs repairs from contractor damage	2304	Crossing North Upper Truckee, ~289' 0 south west of Lake Tahoe Blvd	46
2024-10-22 16:52:33 WF	4	Rodder out CMP	0		100
2024-10-22 16:59:12 AP	3	Clean pipe inlet	1073	Crossing Yokut St between Henderson and Nahane @ house # 1969 2681	43
2024-10-22 17:03:00 AP	4	CMP needs to be replaced Pipe is rusting away and needs replacing	1073	Crossing Yokut St between Henderson and Nahane @ house # 1969 2681	43
2024-10-22 23:01:24 AP	4	Pipe is rusting away and needs replacing	1071	Crossing Nahane Dr, between Yokut 1969 intersections (N of house # 684)	49
2024-10-22 23:02:39 AP	4	Pipe is rusting away and needs replacing	1074	On Wailaki St. eight lots north of 1969 intersec. of south Nahane St. On Ute St (north east corner) @	42
2024-11-07 19:32:53 Rw	0	100% capacity	893	1957 house # 1262	60
2024-11-18 23:29:58 Rw	0		1757	Starts east side Clear View 225' north 1997 Mountain Trout	163
2024-11-06 23:37:00 Rw	0		2948	Crossing Country Club Dr. ~ 305' W 2017 of Arapahoe	55
2024-11-06 23:40:00 Rw	0		0		26
2024-11-06 23:40:00 Rw	0		0	2018	117
2024-11-06 23:41:00 Rw	0		0	2018	207
2024-12-10 20:53:21 Alex	3	Clean the debris at the pipe outlet to allow flow	1466	Heading along Pioneer Trails at the 1971 corner of Mandan St on the east.	42
2024-12-11 23:42:39 AP	3	Clean inlet / outlet and roder out pipe	1082	Crossing Henderson St. two lots 1969 southeast of Elati St.	38
2024-12-11 23:45:35 AP	3	Pipe does have a 30 angle be careful when we roder this pipe out Clean inlet / outlet and roder out pipe	1081	Crossing Elati St.~130' south west of 1969 Henderson St.	55

Pipes Maintained 2024

2024-12-11 23:48:00 AP	4	Clean inlet/out let and roder out pipe	1079	On Henderson St. one lot north west 1969 of intersec. of Kekin St.	68
2024-12-11 23:49:32 AP	3	Clean inlet/outlet and roder out pipe Pond needs major cleaning	1077	On Lipan St. about eight lots north of 1969 south Nahane St.	48
2024-06-11 17:00:09 Inspector 99	2024-06-11 17:00:09	Cleaned pipe outlet Cleaned 6' of flow lined	2054	West side Angora Creek DR. @ north 1997 return Lake Tahoe BLVD	63
2024-06-19 20:57:46 Inspector 99	2024-06-19 20:57:46	roddered out pipe Cleaned 6' of flow line and	2691	Cold Creek (west side), ~170' south 2011 of Alice Lake	20
2024-06-19 20:59:02 Inspector 99	2024-06-19 20:59:02	roddered out pipe Cleaned flow line to about 20 feet passed 991 drive way to stop water from getting to the	2690	Cold Creek (west side), ~175' south 2011 of Alice Lake	10
2024-06-27 22:22:23 Inspector 99	2024-06-27 22:22:23	road Cleared and cleaned pipe inlet	2862	Parallel to Iron Mt Cir (north side) 2013 between house #999 and # 1019	124
2024-08-28 17:48:21 Inspector 99	2024-08-28 17:48:21	and surrounding area	1639	1987 Crossing 6th ~520' south of Hazel	34
2024-08-28 18:14:22 Inspector 99	2024-08-28 18:14:22	Cleaned pipe entrance on west side of court and brushed around the east side of pipe	1598	1959 Crossing Miami Ct. @ McKinney	38
2024-09-03 16:26:34 Inspector 99	2024-09-03 16:26:34	Cleaned AC curb and gutter and pipe inlet	1293	~180' east of northern intersection 1968 with Sunnyview Drive	44
2024-09-03 15:29:02 Inspector 99	2024-09-03 15:29:02	Cleaned AC curb and gutter and pipe inlet. pipe clear	1292	Due east of northern intersection 1968 with Sunnyview Drive	37
2024-09-03 17:15:22 Inspector 99	2024-09-03 17:15:22	Cleaned flow line and pipe entrance Both the north west and north east flow lines of pipe cleared	1300	Center of (lower)Sunnyview Drive, from ~140' south to due north of 1969 Crest View Court	118
2024-09-03 20:32:10 Inspector 99	2024-09-03 20:32:10	+6'	0		73
2024-09-05 15:18:02 Inspector 99	2024-09-05 15:18:02	Cleaned AC flow line to sediment trap Unable to get lid off	2586	Crossing Forest Dr (north end) @ 2010 Rubicon Dr	37
2024-09-05 16:38:01 Inspector 99	2024-09-05 16:38:01	Cleaned curb back to flow line and cleared rock bowl catch basin	524	From north intersect. of Victoria Ln./ Victoria Cir. About four lots on curve 1992 to the left.	26
2024-09-05 18:10:17 Inspector 99	2024-09-05 18:10:17	Cleared flow line and roddered pipe	307	Crossing De Lisi Way, west of 1960 intersection with Glen Drive	36

Conveyances Maintained 2024

INSPECTION_DATETIME	INSPECTOR	PRIORITY	MAINT_DATETIME	MAINT_DESCR	COMMENTS	INSPECTOR_ID	YR_BUILT	LOC_DESCR	Notes	Length (FT)
2024-05-30 17:49:42	Rw	3		Curb cut to Rockline channel completely plugged with sediment				N side Elmwood Dr. just of W		46
2024-06-19 15:56:12			2024-06-19 15:56:20	Cleaned about 20 feet of flow line to ST	Cleaned flow line to move water to ST in hope to dry out street	1	2009	2009 driveway 1073		67
2024-07-11 22:07:14	BH	2	2024-07-11 22:07:32	Needs 20ft more of articulated block flowline cleaned. Was able to clean 50ft of the flow line.	Finish cleaning flow line.	1	2012	Along S side Mulberry Dr. E of house 1116		77
2024-07-16 16:25:42	AP	3			Remove rounds from the pipe outlet. Clean pipe outlet		1900			422
2024-09-24 15:38:14	MPB	0					1900	Tahoma	Subdivision improvements	120
2024-09-24 15:58:26	MPB	3			Vegetation management needed at basin and upstream (orange and white striped flagging placed)	10	1900	Starts E side 5th just N of house 3137 and goes to 4th St basin	Inlet to 4th street Basin	408
2024-09-24 16:19:58	MPB	2			Vegetation management needed in channel	10	1900	E side 6th ~520' south of Hazel runs to 5th	Subdivision Improvement	322
2024-09-24 16:31:40	MPB	2			Vegetation management needed, downed tree in channel needs removal (chainsaw needed)	10	1900	W side 6th ~500' north of Fir, goes to 5th	Subdivision	422
2024-09-24 17:27:37	MPB	2			Vegetation management needed	10	1900	E side 7th at intersection with Oak. runs to 6th		242
2024-09-24 17:39:24	MPB	1			Vegetation management needed (CCCS HAND WORK)		1900	Ends W side 7th ~134' south of Oak. Starts back lot btwn 8th and 7th where two channels coming from 8th converge		123
2024-09-25 20:44:21	MPB	2			Vegetation management needed	10	1900	E side 8th ~244' N of Fir goes to back lot btwn n8th and 7th		179
2024-09-25 20:45:31	MPB	1			Vegetation management needed	10	1900	E side 8th ~207' S of Oak. Runs to back lot btwn 8th and 7th		166

Conveyances Maintained 2024

2024-09-25 20:54:53 MPB	0		Channel is clear of obstructions	10	Fir (paper road section) btwn 8th and 9th	Subdivision improvements	267
2024-09-25 21:15:42 MPB	1		Vegetation management needed	10	Fir (paper road section) btwn 9th and 10th	Subdivision Improvements	264
2024-09-25 21:22:08 MPB	0		Channel has no restrictions at time of inspection	10	1900 Tahoma	Subdivision improvements	48
2024-10-02 20:07:22 MPB	0	2024-10-02 20:07:35	Outlet of pipe into channel maintained, vegetation management & debris removal w/ CCCS Channel outlet to basin maintained, vegetation management and debris removal completed, Channel maintained to 6th Avenue (vegetation management and debris removal)	10	1900 Tahoma	Subdivision improvements	120
2024-10-02 20:09:31 MPB	0	2024-10-02 20:09:43	CCC's crew completed work	10	Starts E side 5th just N of house 3137 and goes to 4th St basin	Inlet to 4th street Basin	408
2024-10-08 21:21:33 MPB	0	2024-10-08 21:21:47	CCC's vegetation management	10	Ends W side 7th ~134' south of Oak. Starts back lot btwn 8th and 7th where two channels coming from 8th converge E side 8th ~207' S of Oak. Runs to back lot btwn 8th and 7th		123
2024-10-08 21:22:39 MPB	0	2024-10-08 21:22:52	CCC's vegetation management	10	1900 and 7th		166
2024-10-08 21:23:46 MPB	0	2024-10-08 21:23:58	CCC's vegetation management	10	Fir (paper road section) btwn 8th and 9th	Subdivision improvements	267
2024-10-08 21:24:42 MPB	0	2024-10-08 21:24:54	CCC's vegetation management	10	Fir (paper road section) btwn 9th and 10th	Subdivision Improvements	264

Conveyances Maintained 2024

2024-10-10 17:01:53 MPB	2	2024-10-10 17:02:12 10/09/2024 & 10/10/2024)	10	Running along southern edge of Tahoma numbered streets and then north along paper Subdivision 1900 road portion of 1st Improvements	3206
2024-11-06 23:32:00 Rw	0			Ditched entire flowline, 2024 , drainage, fully reestablished	266
2024-07-02 22:48:35 inspector 99	3	2024-07-02 22:48:35 making it to the road		Cleaned several feet of flow line to get water to stop	50

Treatments Maintained 2024

INSPECTION_DATETIME	INSPECTOR	PRIORITY	MAINT_DATETIME	MAINT_DESCR	Project	Year Built	Location	Treatment Nam	Outfall Type	Treatment Volume	Storage Depth	Gauge Install Date	Area (SQ FT)
2024-05-30 17:36:57	Rw	3	2024-05-30 17:36:57		95155	2011	due west of Ravine Street and south of Alice Lake	Cold Creek West Basin	Rock Spillway and Bypass	417	1.5	2012-07-13 7:00:00	437
2024-05-30 17:51:09	Rw	3	2024-05-30 17:51:09	Clean basin of debris and vegetation, as well as inlet	95155	2011	Low spot of Del Norte, due South of Fortune Way. Due south of 42" CMP crossing on Del Norte	Del Norte East Basin	Rock Spillway and Bypass Channel	421	1	2012-07-13 7:00:00	735
2024-05-30 17:52:28	Rw	3	2024-05-30 17:52:28	Clean basin from debris and vegetation	95155	2011	Low spot of Del Norte, due South of Fortune Way. Due north of 42" CMP crossing on Del Norte	Del Norte West Basin	Rock Spillway and Bypass Channel	525	1	2012-07-13 7:00:00	594
2024-07-11 21:21:24		3	2024-07-11 21:21:24		95129	1992	Victoria Dr (west side), ~100' north of Beach Ln (north end)	Victoria Basin #1	Riser	0	2	2012-07-18 7:00:00	175
2024-10-17 20:39:00	Rw	3	2024-10-17 20:39:00		95155	2011	northeast corner of Humboldt Street and Copper Way	Humboldt Basin	Rock Spillway	797	1.5	2012-07-13 7:00:00	1688