# **EXHIBIT D**

# TAHOE REGIONAL PLANNING AGENCY

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#### SENT BY E-MAIL AND U.S. MAIL

June 29, 2007

Mr. Richard J. Robinson Program Manager California Tahoe Conservancy 1061 Third Street South Lake Tahoe, California 96150

Subject: Angora Fire Recovery Effort, Emergency Funding Request

Dear Mr. Robinson:

The Tahoe Regional Planning Agency (TRPA) is requesting emergency funds from the State of California for the "Angora Fire" recovery effort, as described below. These funds would be used over a period of two-years.

|    | FUNDING REQUEST SUMMARY  |             |  |
|----|--|-------------|--|
|    | Funding Use  | Amount      |  |
| 1. | Temporary TRPA and El Dorado County Staff to Process<br>Emergency Planning and Building Permits      | \$614,000   |  |
| 2. | Application of Temporary Erosion/Sediment Control BMPs on<br>Private Parcels Affected by Angora Fire | 1,577,000   |  |
| 3. | Forestry Assistance  | 1,960,000   |  |
| 4. | Environmental Improvement Program - Fire Damage Repair   | 4,200,000   |  |
|    | Total:   | \$8,351,000 |  |

These funds will be used as follows:

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## 1. TEMPORARY TRPA AND EL DORADO COUNTY STAFF TO PROCESS EMERGENCY PLANNING AND BUILDING PERMITS

Duration: Two Years

TRPA is requesting funding for temporary staff to initiate a joint planning and permitting effort with El Dorado County. These positions would deal exclusively with reviewing development applications and issuing permits for the rebuild of homes and structures destroyed or damaged by the Angora Fire. The planning positions would be dedicated specifically to records and data research, application review and permit writing to assist homeowners and business owners in an efficient and expeditious manner to begin rebuilding their homes or businesses. The contract plan checkers would be utilized to review final plans submitted to meet the conditions of the permits and allow homeowners to rebuild their homes as quickly as reasonably possible. The inspector positions would be available at various times throughout the process as pre-grade inspections are requested, BMP installation is required and building inspections become necessary. Clerical positions and office space would be provided by El Dorado County.

El Dorado County costs assumed spread across two 6-month construction seasons in 07-08 and 08-09 for a total of 12-months work period.

| TEMPORARY BUILDING AND PLANNING STAFF   |           |  |
|---|-----------|--|
| One County Principal Planner for 12 months  | \$110,000 |  |
| One Contract County Building Plan Checker for 12<br>mos. (300 plan checks @ 6 hours each @ \$120/hr.) | 216,000   |  |
| One County Senior Building Inspector for 12 months  | 98,000    |  |
| One TRPA Senior Planner (24 months total)   | 190,000   |  |
| Subtotal:   | \$614,000 |  |

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### 2. APPLICATION OF TEMPORARY EROSION/SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs) ON PRIVATE PARCELS AFFECTED BY ANGORA FIRE

Duration: Six Months

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TRPA is requesting funds to apply temporary BMPs on privately-owned parcels affected by the Angora Fire. Temporary BMPs would be applied on a landscape scale to control erosion and offsite sedimentation on approximately 270 affected private parcels. The affected area represents approximately 62 acres.

Temporary BMPs would include hydro-seed and mulch, installation of silt fence and coir logs along slope contours, and application of erosion control blankets on steep slopes.

| TEMPORARY EROSION CONTROL ON PRIVATE PROPERTY      |                                      |             |  |
|--|--------------------------------------|-------------|--|
| Туре   | Estimated Cost per Unit              | Cost        |  |
| Hydroseed/Hydromulch<br>(Material and Labor)       | \$1,600/acre @ 62 acres              | \$99,000    |  |
| Silt Fence (Materials Only)                        | \$0.45/linear foot @150<br>LF/parcel | 18,000      |  |
| Coir Logs (Materials Only)                         | \$1.60/linear foot @150<br>LF/parcel | 65,000      |  |
| Erosion Control Blankets<br>(Materials Only)       | \$0.35/sf @ 2160 SF/parcel           | 205,000     |  |
| Labor Cost to install Silt<br>Fence and Coir Logs  | \$240/parcel @270 parcels            | 65,000      |  |
| Labor Cost to install<br>Erosion Control Blankets  | \$1.50/sf @ 2160 SF/parcel           | 875,000     |  |
| Fire Line Rehabilitation<br>(Dozer and Hand Lines) | \$125,000/mile @ 2 miles             | 250,000     |  |
|  | Subtotal:                            | \$1,577,000 |  |

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### 3. FORESTRY ASSISTANCE

Duration: One Year

This proposal is to fund forestry services in the form of tree-marking for defensible space. Forestry education for the general public would also be provided. Short-term focus will be within the emergency declaration area. (Long-term the focus will be within the California portion of the Lake Tahoe Basin, but is not included in this request. Long-term annual costs may be less due to first-year equipment purchases.) This would involve the hiring of Professional Foresters, acquiring appropriate forestry equipment, overhead, etc.

| FORESTRY ASSISTANCE                                      |             |
|--|-------------|
| Staff, Equipment and Overhead (Tree-Marking & Education) | \$1,960,000 |
| Subtotal   | \$1,960,000 |

# 4. ENVIRONMENTAL IMPROVEMENT PROGRAM – FIRE DAMAGE REPAIR

Duration: Two years

Two Environmental Improvement program (EIP) projects were damaged by the Angora Fire, described below.

EIP Project #193 Angora Creek Erosion Control Phases 1 & II

This erosion control project (Phases 1 & 2) is located in the Mountain View Estates Subdivision and includes an area of high intensity fire along the following streets:

Lake Tahoe Boulevard Lookout Point Circle Angora Creek Drive Mule Deer Circle Coyote Ridge

Eagle Lane Mountain Trout Drive View Circle Clear View Circle Elk Point Drive

Angora Creek is immediately adjacent to the project area and forms the southerly and westerly boundaries of the project area. The area consists of steep slopes with primarily high-hazard lands with moderately high to high runoff potential. Mr. Richard J. Robinson, Program Manager California Tahoe Conservancy Page 5 of 6

The project objectives were to:

- 1. Stabilize Existing Sediment Contributors
- 2. Convey Sediment Laden Storm Water Runoff
- 3. Treat Storm Water Runoff

Typical improvements consist of: curb and gutter, rock lined ditches, sediment traps, corrugated metal pipe, concrete headwalls, rock spillways, sediment basins, grass-lined swales, bollards and vegetation used to stabilize slopes.

Fire damage has resulted in cracked concrete curbs and gutters, headwalls, melted corrugated metal pipes, burned vegetation, clogged swales, and filled/damaged sediment traps and sediment basins. Repairing the drainage facilities will require full replacement in many areas with resizing of facilities such as detention/sediment basins for increased size due to changes in hydrology resulting from the fire.

Estimated cost to repair and replace erosion control facilities = \$2,000,000

<u>EIP Project #985, Angora Creek SEZ Restoration Project</u>

This project was over the last two years and resulted in the restoration of 2,300 linear feet of Angora Creek downstream from Lake Tahoe Boulevard. The area consists of gentle slopes with primarily high-hazard lands with moderately high to high runoff potential.

The project objectives were to:

- 1. Reconstruct the entrenched river channel
- 2. Re-establish the floodplain
- 3. Re-establish the riparian corridor
- 4. Improve fisheries habitat
- 5. Reduce fire hazard in project area

Restoration components include the excavation of a new channel design and associated floodplain in the meadow and obliteration of the old stream channel. Other activities involve removing debris jams, installing log/root wad and sod revetments, and re-establishment and widening of the floodplain. Tree stand thinning was also employed to reduce the fire hazard throughout the project area. A bottomless arch was also installed under View Circle. A significant component of the project included re-vegetation of the of the project area with emphasis placed on the newly constructed Angora Creek riparian corridor do accelerate stabilization of the stream bank to prevent erosion.

Approximately 90-percent of the project area was affected by the fire. All revegetation efforts were destroyed as was the jute netting, and sod blankets that were used to reconstructed and stabilize the new stream channel. Many new hazard trees now exist with the project are and will need to be removed. In some cases root wads anchored into the side of the stream channel have burned and

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> may need to be replaced. Increased runoff from fire damaged watershed will increase flow volumes and velocities through this area and an assessment will need to be performed to ensure post fire remediation efforts are designed to withstand effects of changed hydrology from the fire.

> Estimated cost to repair restoration project and protect from future damage due to changed hydrologic conditions = \$2,200,000

| ENVIRONMENTAL IMPROVEMENT PROGRAM REPAIRS                             |             |  |
|---|-------------|--|
| EIP Project No. 193 – Angora Creek Erosion Control<br>(Phases 1 & II) | \$2,000,000 |  |
| EIP Project No. #985 – Angora Creek SEZ Restoration                   | 2,200,000   |  |
| Subtotal  | \$4,200,000 |  |

Thank you for your assistance with this matter. Please call me at (775) 5889-5239 if you have any questions.

Sincerely,

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A. Lyn Barnett, AICP Chief Environmental Review Services

<u>Copies</u>: John Singlaub, TRPA Executive Director Jerry Wells, TRPA Deputy Executive Director TRPA Leadership Team Larry Lohman, El Dorado County Building Department