



OLYMPIC VALLEY PUBLIC SERVICE DISTRICT



EXHIBIT F-1
7 Pages

FIRE AND WATER SERVICE EMERGENCY PREPAREDNESS

DATE: February 25, 2025

TO: District Board Members

FROM: Jessica Asher, Program Manager; Brad Chisholm, Fire Chief;
Sam Donahue, Operations Superintendent; Dave Hunt, District Engineer; and
Charley Miller, General Manager

SUBJECT: Wildfire/Emergency Preparedness

BACKGROUND: The District provides fire protection and water service in Olympic Valley. Emergency preparedness is an ongoing effort, and public education is a key component. A well-informed Board can effectively engage with the public, providing factual and meaningful information while reinforcing the District's commitment to wildfire preparedness. Individual and community involvement is also essential, ensuring residents are familiar with available resources and understand their role in preparedness.

DISCUSSION: This presentation is part of an effort to periodically inform the Board of the District's fire protection and water service capabilities, helping to share accurate information with the public. In the coming months, the Department will provide a comprehensive overview of water infrastructure, operations, fire services, and public communication efforts related to wildfire preparedness, collaborating with other key stakeholders. The staff welcomes Board input on topics to include in the broader public session.

ALTERNATIVES: None. This report is for information only.

FISCAL/RESOURCE IMPACTS: None.

RECOMMENDATION: None.

ATTACHMENTS: Fire and Water System Slideshow Presentations

DATE PREPARED: February 19, 2025

Olympic Valley Fire Department Wildland Fire Preparedness

- Collaboration
- Fuels Reduction
- Preventative Measures
- Impacted Communities
- Commonalities
- Influencing Factors
- Response Resources
- Wildfire Challenges




02/25/2025 Olympic Valley Public Service District 1

1

Fuel Reduction Efforts Collaboration

- OVPSD / OVFD
- Local, County, State, Federal Agencies
- Local/Regional Organizations



02/25/2025 Olympic Valley Public Service District 2

2

OVFD / OVPSD Team

District Staff

- Brad Chisholm, Fire Chief
- Chris DeDeo, Fire Captain
- Brandon Olk, Fire Prevention Officer
- Jessica Asher, Program Manager
- Charley Miller, General Manager

Registered Professional Forester

- Feather River Forestry, Danielle Bradfield



02/25/2025 Olympic Valley Public Service District 3

3

Micro to Macro - OVFD -

Defensible Space

- 25+ years of aggressive inspection
- Commercial and Residential
- 100% of Olympic Valley residences inspected annually
- Collaboration with organizations (FW, FoOV, Palisades, TTSD, OVPSD Operations Dept.)
- Community Incentives: (Chipper, Green Waste, Free: 6 yrd dumpsters / drop-off)



02/25/2025 Olympic Valley Public Service District 4

4

Micro to Macro - OVPSD -

- 2022 Community Wildfire Protection Plan (CWPP)
- Secured over \$1.4m in grant funding, with another \$500k estimated for summer 2025 (CWPP and fuels mgt. projects)
- Contracted with Registered Professional Forester
- Fuels reduction projects status
 - OV-1: complete
 - OV-2: implementation expected 2025, pending funding
 - OV-3: in progress with "S-turns" portion expected summer 2025
 - OV-4: implementation/completion expected 2025
 - OV-5: planning and permitting complete; seeking funding
- Significant commitment of administration and fire personnel time

02/25/2025 Olympic Valley Public Service District 5

5

Micro to Macro - CWPP Priority Projects -



- OV-1** North Forest Thinning – COMPLETE
- OV-2** North Valley Forest Thinning – SHOVEL READY, PENDING FUNDING
- OV-3** Roadside Hazards / S-Turns – IMPLEMENT 2025
- OV-4** Community Wildfire Buffer – IMPLEMENT 2025
- OV-5** South Forest Thinning – SEEKING FUNDING

02/25/2025 Olympic Valley Public Service District 6

6

Micro to Macro - Federal: USFS / LTBMU -



02/25/2025 Olympic Valley Public Service District 7

7

Defensible Space Review

- **Zone 0: Ember-Resistant Zone (0-5 feet)**
 - No flammable materials or vegetation
 - Law in 2021, but no enforcement language rendered ineffective
- **Zone 1: Lean, Clean and Green Zone (5-30 feet)**
 - Remove horizontal and vertical continuity of fuels
 - Remove and maintain dead and dying vegetation
- **Zone 2: Reduced Fuel Zone (30-100 feet)**
 - Create separation between vegetation and household items
 - Intended to reduce fire intensity



02/25/2025 Olympic Valley Public Service District 8

8

Ready also includes Home Hardening



During a Wildfire, homes can be threatened by:

- 1) Wind-blown embers
- 2) Radiant heat
- 3) Direct flame contact


- **Home Hardening:** Ignition-resistant materials on and around your home to help it withstand wildfire threat.
- In wildfire events, 60-90% of home loss is due to embers!!

02/25/2025 Olympic Valley Public Service District 9

9

Wildfires Present Unique Evacuation Challenges

- While preplanning is vital, and we do have an O.V. Evacuation Plan, providing explicit info ahead of time is not prudent. Variables include...
 - Origin
 - Weather
 - Rate of Spread
 - Spotting
 - Time of Year
 - Fuel Model
 - Terrain/Topography
 - Simultaneous Incidents
- These Variables dictate the Specifics of Evacuations:
 - Evacuation Notices
 - Evacuation Routes
 - Final Destinations
 - T.R.A.
 - Shelter in Place




02/25/2025 Olympic Valley Public Service District 10

10

Olympic Valley - Risks

- Risks:
 - Timber stands
 - Long term drought conditions
 - Fire suppression policy
 - Backcountry recreation
 - Overhead powerlines
 - Topography
 - Transient/Visitor population
 - Down-canyon winds
 - Wildland/Urban Interface
 - Absence of a 24/7 Chief Officer



02/25/2025 Olympic Valley Public Service District 11

11

Olympic Valley - Strengths

- Community engagement: Meetings, Interactions, Mailers, Websites
- Local, Regional and State Mutual Aid, including Law Enforcement
- Manmade and Natural fuel brakes in and around the ski area
- Most residential streets have multiple means of egress
- Proximity to Hwy 89
- Common dispatch center
- Fuels reduction projects
- Numerous burn scars in American River drainages
- Notifications (Placer Alert, Tahoe Alerts, Nixle, Reverse 911, Sheriff Hi/Lo siren)
- Alert California fire cameras

02/25/2025 Olympic Valley Public Service District 12

12

OVFD has...

- A daily staffing of four, with a minimum of three.
- E21 is our "First Out" and we Cross-Staff our other apparatus: Rescue, Water Tender, Brush Engine.
- A very robust Mutual Aid system among local agencies and a Response Agreement with 24 Regional Agencies.
- Crew members with thousands of hours who have deployed on dozens of wildland fires in a variety of capacities.



02/25/2025 Olympic Valley Public Service District 13

13

OVFD Resource Response


- **OVFD**
 - Type I: Structure Engine, 4wd
 - Type I: WUI/USAR, full wildland compliment
 - Type III: Wildland Engine, 4wd
 - Water Tender (2000-gallon water tank)
- **Mutual Aid** (within 15 minutes)
 - Type I: 9
 - Type III: 7
 - Water Tender: 2
 - Air Tac: 1
 - Air Tanker: 2
 - Helicopter: 2
- **Law Enforcement**
 - Burton Creek/Tahoe City: Placer Sheriff
 - Truckee: CHP, Truckee PD, Nevada County Sheriff, State Parks, USFS

02/25/2025 Olympic Valley Public Service District 14

14

Public Information Capabilities

- **New PIO:** Jessica Asher named Fire Department Public Information Officer (2024).
- **Training & Networking:** Attendance at regional training; mutual aid connections.
- **Social Media:** Expanded presence to enhance communication and emergency readiness.
- **Website/Communications:** Utilize Alert Bar and District Updates. Prepared resources to share links to other agencies/information quickly.




02/25/2025 Olympic Valley Public Service District 15

15

Notifications

- **Placer Alert**
 ◦ <https://www.placer.ca.gov/2426/Placer-Alert>
- **Tahoe Alerts**
 ◦ <http://www.tahoealerts.com>
- **Nixle**
 ◦ Text 96146 to 888777
- **Watch Duty**
 ◦ <https://www.watchduty.org/>
- **Reverse 911**
- **Sheriff Hi/Low siren**



02/25/2025 Olympic Valley Public Service District 16



16

A Day (and Night) in the Life of...



02/25/2025 Olympic Valley Public Service District 17

17






Olympic Valley Public Service District Water System Overview

Board of Directors Meeting
February 25, 2025

February 25, 2025 Olympic Valley Public Service District 1

1



Water Supply Overview

Four Main Groundwater Pumpers in Basin

- Olympic Valley Public Service District
 - Municipal - \approx 850 customers
- Olympic Valley Mutual Water Company
 - Municipal - \approx 280 customers
- Everline Resort
 - Golf Course Irrigation & Snowmaking
- Palisades Tahoe
 - Snowmaking

February 25, 2025 Olympic Valley Public Service District 2

2

Water System Overview

Legend

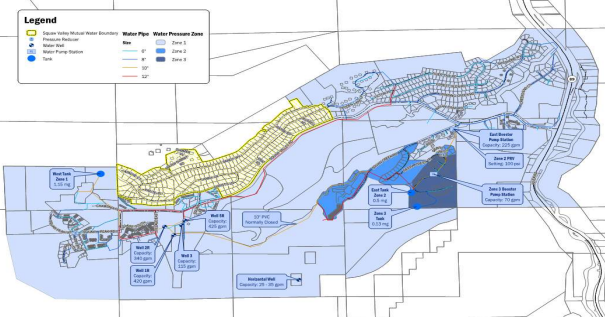
- Olympic Valley Mutual Water Boundaries
- Pressure Mainlines
- Water Well
- Municipal Pump Station
- Tank

Water Pipe

- Zone 1
- Zone 2
- Zone 3



Water Pressure Zones

- Zone 1
- Zone 2
- Zone 3

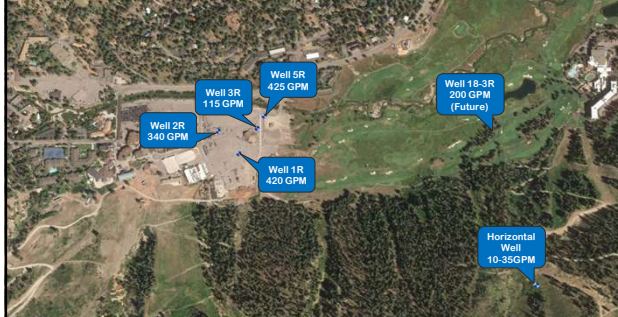


September 21, 2023 Olympic Valley Public Service District 3

3






District Water Sources




February 25, 2025 Olympic Valley Public Service District 4

4






Tanks & Booster Pump Stations



February 25, 2025 Olympic Valley Public Service District 5

5

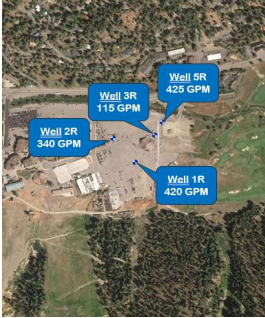



Water System Reliability

Well Field Redundancy

Meet maximum water demands with largest well out of service (State regulatory requirement)

- Current MDD = 650 gpm
- Source capacity with largest well out of service = 875 gpm



February 25, 2025 Olympic Valley Public Service District 6

6

Capital Replacement Plan

- Budget Forecasting tools
- 100-year look forward – informs annual budget process
- Ensures District will have funds available when capital replacement is needed – reduces rate shock and need for borrowing

Annual Water Capital Replacement Schedule (2025)

February 25, 2025 Olympic Valley Public Service District 13

13

Capital Improvement Plan

- CIP projects identified in 10-year capital plan
- Funded by connection fees

Capital Program	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Capital Replacement Projects (CRP)	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000
Capital Improvement Projects (CIP)	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000
Total Capital Program	\$2,200,000	\$2,200,000	\$2,200,000	\$2,200,000	\$2,200,000	\$2,200,000

Type of Connection	Connection Fees
Single Family Units - Single Family Dwelling, First Unit of a Duplex - Half duplex	\$ 10,961*
Multi Family Units - Condominiums, Apartments, 2nd Unit of Duplex, ADU, Hotel Room or Lock-Off Unit with cooking facility	\$ 6,589**
Hotel Units - Hotel Room or Lock-Off Unit with kitchenette or no cooking facility	\$ 4,392**
Commercial - Based on meter size†	
5/8" x 1/2" Meter**	\$ 4,392**
1" Meter**	\$ 6,589**
1 1/2" Meter**	\$ 10,961**
2" Meter**	\$ 21,922**
3" Meter**	\$ 32,883**
4" Meter**	\$ 109,611**
6" Meter**	\$ 219,222**

February 25, 2025 Olympic Valley Public Service District 14

14

Questions? Comments?

February 25, 2025 Olympic Valley Public Service District 15

15