Nevada Irrigation District

Staff Report

TO: Board of Directors

FROM: Greg Jones, Assistant General Manager

DATE: November 16, 2026

SUBJECT: **Public Fire Hydrant Inspection and Maintenance Agreement**

ADMINISTRATION

RECOMMENDATION

Adopt a motion approving the form of Memorandum of Agreement for public fire hydrant inspection and maintenance; authorize the General Manager to execute substantially similar individual agreements with the participating fire agencies, subject to final administrative and legal review; and authorize implementation beginning in 2027 within the approved budget.

BACKGROUND

NID and the local fire agencies have operated under a 1999 memorandum governing inspection, maintenance, repair, and communication for 2,642 public fire hydrants connected to NID treated-water systems. The proposed MOA modernizes that framework, assigns routine inspection and maintenance to the fire agencies, retains major repair and replacement responsibilities, establishes consistent documentation and coordination, and adds reimbursement for eligible maintenance activities. Staff recommends approval so the updated program can begin in 2027.

The original 1999 multi-agency MOU has remained in place for more than two decades. During that time, operating practices, agency boundaries, hydrant counts, reporting expectations, and GIS capabilities have changed. Beginning in 2025, NID reformatted the agreement for individual agency execution, developed agency-specific hydrant maps, developed an inspection worksheet, and incorporated comments from the participating fire agencies.

The updated form is intended for separate agreements with fire agencies serving NID's service territory: CAL FIRE (Placer County), Grass Valley/Nevada City, Higgins, Nevada County Consolidated, Peardale-Chicago Park, Penn Valley, and Smartsville. The current working inventory totals approximately 2,642 hydrants.

The proposed agreement establishes a coordinated program for the inspection, maintenance, and management of public fire hydrants connected to NID's treated-water system, excluding private hydrants and raw-water fire services. Participating

fire agencies will inspect and maintain approximately one-third of their assigned hydrants each year, ensuring every hydrant is serviced at least once every three years. NID will retain responsibility for GIS management, water-quality flushing, safety barriers, and all major hydrant repairs, replacements, removals, or eliminations, while fire agencies will perform routine inspections, maintenance, documentation, and reporting.

NID will reimburse eligible maintenance costs up to $50 per hydrant and cover 50 percent of documented lubrication and paint expenses. Standardized inspection records, hydrant mapping, and quarterly reporting will provide consistent documentation and accountability across participating agencies.

The agreement also includes safeguards to protect water-system integrity, maintain NID control over major infrastructure work, allocate liability through mutual indemnification provisions, and ensure reimbursement is supported by appropriate documentation.

The agreement reflects group meetings, individual discussions, fire-chief comments, and NID operations/maintenance review. Final execution with each agency may be subject to any necessary administrative or legal revisions.

BUDGETARY IMPACT:

Cost Component	Planning Basis	Estimated Annual Impact
Routine hydrant maintenance	Approx. 2,642 hydrants; one-third maintained annually; up to $50 each	$44,000 annual estimated cost
Lubrication and paint	NID reimburses 50% of documented eligible costs	$1,500 variable annual estimate, based on actual cost
Major repair, replacement, barriers, and GIS administration	Existing NID operational responsibilities	Absorbed within adopted operating and capital budgets, as applicable

A $45,500 annual budget estimate is a planning ceiling based on the current working inventory and assumes one-third of hydrants are maintained in a full year. Actual expenditures will depend on completed, documented work and eligible material costs. Staff has aligned the program with available and approved budget resources.

ATTACHMENTS:

- Template Agreement
- Map of Fire District Boundaries
- Inspection Sheet
- NID Rules & Regulations Chapter 8

NEVADA IRRIGATION DISTRICT
(Est. 1921)

MEMORANDUM OF AGREEMENT

Public Fire Hydrant Inspection & Maintenance

This Memorandum of Agreement (MOA) is entered into on _____ (herein referred to as the "Effective Date") by and between the Nevada Irrigation District (herein referred to as "NID"); and the **FIRE DISTRICT** (herein referred to as "Agency"). Parties may be referenced individually as "Party" and collectively as "Parties."

WHEREAS, the Parties recognize that this MOA is specific to public fire hydrants connected directly to a treated water system owned and operated by NID; and

WHEREAS, the Parties recognize that fire hydrants owned or installed by other government agencies other than NID are not covered by this MOA; and

WHEREAS, the Parties recognize the need for coordination and cooperation regarding operation and maintenance of public fire hydrants is essential for the health, safety, and welfare of the communities they serve; and

WHEREAS, the Parties agree that the purpose of this MOA is to establish a good-faith foundation between the Parties for ongoing collaborative efforts that are mutually beneficial; and

WHEREAS, the Parties agree to work together in a cooperative and coordinated manner to achieve each Party's individual goals and the collective goals of the Agreement; and

WHEREAS, this MOA is designed to detail the specifics of the working relationship between the Parties to the mutual benefit of the communities they serve; and

WHEREAS, NID operates its treated water systems under permits and certifications from the State Water Resources Control Board, Division of Drinking Water and intends to always meet all requirements for water quality and system integrity; and

WHEREAS, the Parties recognize the NID treated water systems are designed to provide water for urban and suburban uses including on occasion firefighting and are not typically equipped to handle the massive water demands in the event of a wildfire; and

WHEREAS, the Parties agree that fire hydrants are crucial for initial fire response, however neither this MOA nor the NID treated water system is designed to address the needs of wildfires which require resources beyond the capabilities of a standard hydrant system; and

WHEREAS, the Parties recognize wildfire often requires large quantities of water, specialized equipment, and a coordinated response from multiple agencies, which is beyond the scope of a typical hydrant system and this MOA; and

WHEREAS, this MOA does not bind Parties to any legal obligations, rather it is an agreement between Parties outlining fire hydrant responsibilities and commitments.

NOW BE IT THEREFORE:

DURATION
This MOA becomes effective on the date it is signed by Parties. It remains in force unless explicitly terminated, in writing, by any or all Parties.

DEFINITIONS
Public Fire Hydrants
The term “Public Fire Hydrant" refers to all fire hydrants connected directly to a treated water system owned and operated by NID. NID currently has public fire hydrants throughout the NID treated water system and within in the Agency jurisdiction.

Private Fire Hydrants
The term “Private Fire Hydrants” refers to all fire hydrants not connected directly to a treated water system owned and operated by NID.

Public or Private Raw Water Fire Services
Public or private raw water fire services and all facilities connected to them are not covered by this MOA.

Fire Hydrant Inspection and Maintenance
Inspection and maintenance of public fire hydrants includes NFPA Standard 291 requirements, and is not limited to: clearing natural erosion and stabilizing debris around hydrants, replacing cap and chain, applying lube to the stem and outlet port threads, repainting, adding reflective tape and remarking as needed.

Major Fire Hydrant Repair
Major repair of public fire hydrants includes replacement of any parts and/or any work which requires dismantling of the hydrant.

Fire Hydrant Replacement
Replacement of public fire hydrants includes complete removal and replacement of an existing hydrant.

Fire Hydrant Elimination
Elimination of an existing fire hydrant includes the full removal of the hydrant from the water system. A hydrant shall only be eliminated by NID, any exceptions must receive pre-approval by NID.

Operation
Operation of a public fire hydrant includes the physical exercising, flushing, flow testing, use for fire suppression, and training.

Water System Integrity
Water system integrity ensures that Parties stay in compliance with all state permit conditions including water quality and system pressure. Hydrants must be operated in a manner that will not cause water hammer or drop service connections below 20 PSI. Non-compliance with any permit conditions and outside of an emergency will result in Agency paying for any damage caused by a non-compliant

activity. Parties understand that non-compliant operation of private fire services can have an adverse effect on NID's system.

Training
The Agency may train at any hydrant location; however, Agency must coordinate with NID to identify agreeable timing and location. During such training, water system integrity must be maintained. NID may, at its discretion, limit Agency use of District hydrants for any purpose. NID will make available any training materials it has for the Agency training needs.

Fire Hydrant Standards
NID has developed and will maintain Standard Detail Plans and Specifications for the construction of all new public fire hydrants. NID may seek comments and input from Agency from time to time for changes in the standards.

Spacing
Spacing of new public fire hydrants in residential areas must be a minimum of 500 feet, or a maximum of 1,000 feet, or as requested by Agency and within District policy. In commercial areas, fire hydrants shall be per the applicable regulatory code. Site-specific conditions may warrant adjustment of these requirements.

Fire Hydrant Maintenance Inspection Sheet
Tracking worksheet for the inspection and maintenance of each fire hydrant must be sent to NID quarterly as backup documentation to hydrant reimbursement requests and hydrant maintenance tracking.

NEW PUBLIC FIRE HYDRANTS

Application Forms
All new public fire hydrants installed by developers, individuals, or Agency, that directly connects to the treated water system owned and operated by NID, are required to meet NID fire hydrant standards and have an NID "Application for Public Fire Hydrant" form completed. This form requires approval from the affected Agency before finalizing the application.

New Development
Agency is responsible for citing and enforcing conditions for fire suppression and fire safety for new development. NID will cooperate with Agency to ensure reasonable conditions are upheld.

New NID Waterlines
The NID Project Engineer in charge of a new waterline project will contact the Agency in the preliminary design stages of a new waterline project.

Hydrant Location
New Public Fire Hydrants are normally located on the same side of the road as the pipeline. Hydrant locations will be coordinated between the Agency and NID in the preliminary design stage of the project. A field meeting may be needed to determine fire hydrant locations that are mutually agreeable to Parties. The Agency will be given the opportunity to request additional public fire hydrants and will be responsible for the cost.

ROLES AND RESPONSIBILITIES: MAINTENANCE
To achieve Parties' mutual desires, each Party agrees to the following roles and responsibilities:

NID Will:

- Reimburse per maintained hydrant, at an approved rate not to exceed $50 per hydrant, to Agency after all requirements have been met.
- Perform all installation and repair of safety barriers.
- Perform all fire hydrant removal, and any major repair and replacement, as determined by NID in its sole discretion.
- Complete computer-simulated flow tests from time to time.
- Coordinate quarterly tracking of Agency maintenance logs.
- Receive all “un-metered” water use from hydrants by Agency.
- Reimburse Agency for 50% of cost for lubrication and paint.

Agency Will:

- Annually, perform all inspection and maintenance activities for 1/3 hydrants in the Agency service area as identified in Exhibit A, this includes but not limited to:
    - Clearing natural erosion and stabilizing debris around hydrants;
    - Replacing cap and chain;
    - Applying lube to the stem and outlet port threads;
    - Repainting, adding reflective tape and remarking
- Purchase all lubrication, paint and other material to perform all maintenance activities.
- Perform all maintenance activities of each hydrant at a minimum of once every three years.
- Invoice NID quarterly for all hydrant maintenance at a maximum of once every two years per hydrant.
- Update a quarterly inspection report as determined by Agency and NID of maintenance activities per hydrant and report this worksheet with quarterly invoicing to NID.

ROLES AND RESPONSIBILITIES: OPERATIONS

NID will:

- Conduct its annual flushing program to maintain water quality (Note: Not all hydrants are operated during its annual flushing program).

Agency Will:

- Exercise hydrants, suppress fires with hydrants, and use hydrants for training purposes.
- Provide to NID quarterly inspection report of hydrants used for flushing with estimate of “un-metered” water usage in trainings, flow testing, or hydrants exercised.

PUBLIC FIRE HYDRANT DATABASE

- Parties desire to maintain accurate records on the operation and maintenance history of each public fire hydrant.
- NID and Agency will coordinate through an NID managed GIS layer database, reconciled annually.

COMMUNICATION BETWEEN PARTIES

The effectiveness of this MOA will depend on good and regular communications between NID and the Agency. An open line of communication will be developed and maintained to ensure that the water systems and public fire hydrants are maintained in a reliable condition.

All Agency fire hydrant communications and monthly reports shall be sent to: hydrants@nidwater.com.

All Agency fire hydrant maintenance invoices shall be sent to: invoices@nidwater.com.

AMENDMENTS
The terms of this MOA may be amended upon written approval by all original Parties and their designated representatives.

INDEMNIFICATION
NID
To the extent that Agency are not otherwise immune from liability under any provision of law, including, but not limited to Government Code Section 850.2, NID agrees to indemnify and hold Agency, its officers, employees, and volunteers, harmless from and against all claims, demands, and causes of action for personal injury or death or property damage, arising out of performance under this MOA by NID or anyone acting under NID's direction or control or on its behalf, and caused by negligent act or omission of NID or of anyone acting under NID's direction or control or on its behalf.

Agency
To the extent that NID is not otherwise immune from liability under any provision of law, including, but not limited to Government Code Section 850.2, Agency agrees to indemnify and hold NID, its officers, employees, and volunteers, harmless from and against all claims, demands, and causes of action for personal injury or death or property damage, arising out of performance under this MOA by Agency or anyone acting under Agency' direction or control or on its behalf, and caused by negligent act or omission of Agency or of anyone acting under Agency' direction or control or on its behalf, or caused by any act of omission, whether negligent or not, by Agency or anyone acting under Agency's direction or control or on its behalf outside the legal boundaries of NID.

TERM AND TERMINATION
This MOA shall terminate and be of no further force or effect at NID's sole discretion. NID shall provide Agency with a thirty (30) day written notice of its intent to terminate this MOA.

This MOA shall terminate and be of no further force or effect should Agency unanimously determine that NID has failed to uphold or comply with the terms and conditions, either by act or by lack of cooperation. Agency shall provide NID with a thirty (30) day written notice to terminate the MOA.

By signing this Memorandum of Agreement the Parties agree to uphold its provisions. The Parties agree that any change to this MOA must be in writing and agreed to by the Parties.

NEVADA IRRIGATION DISTRICT

Board President	Board Secretary
Date	Date

FIRE DISTRICT

Primary Signer Name (Please provide details on Info Sheet) Primary Signer Title	Secondary Signer Name (Please provide details on Info Sheet) Secondary Signer Title
Date	Date

ATTACHED:

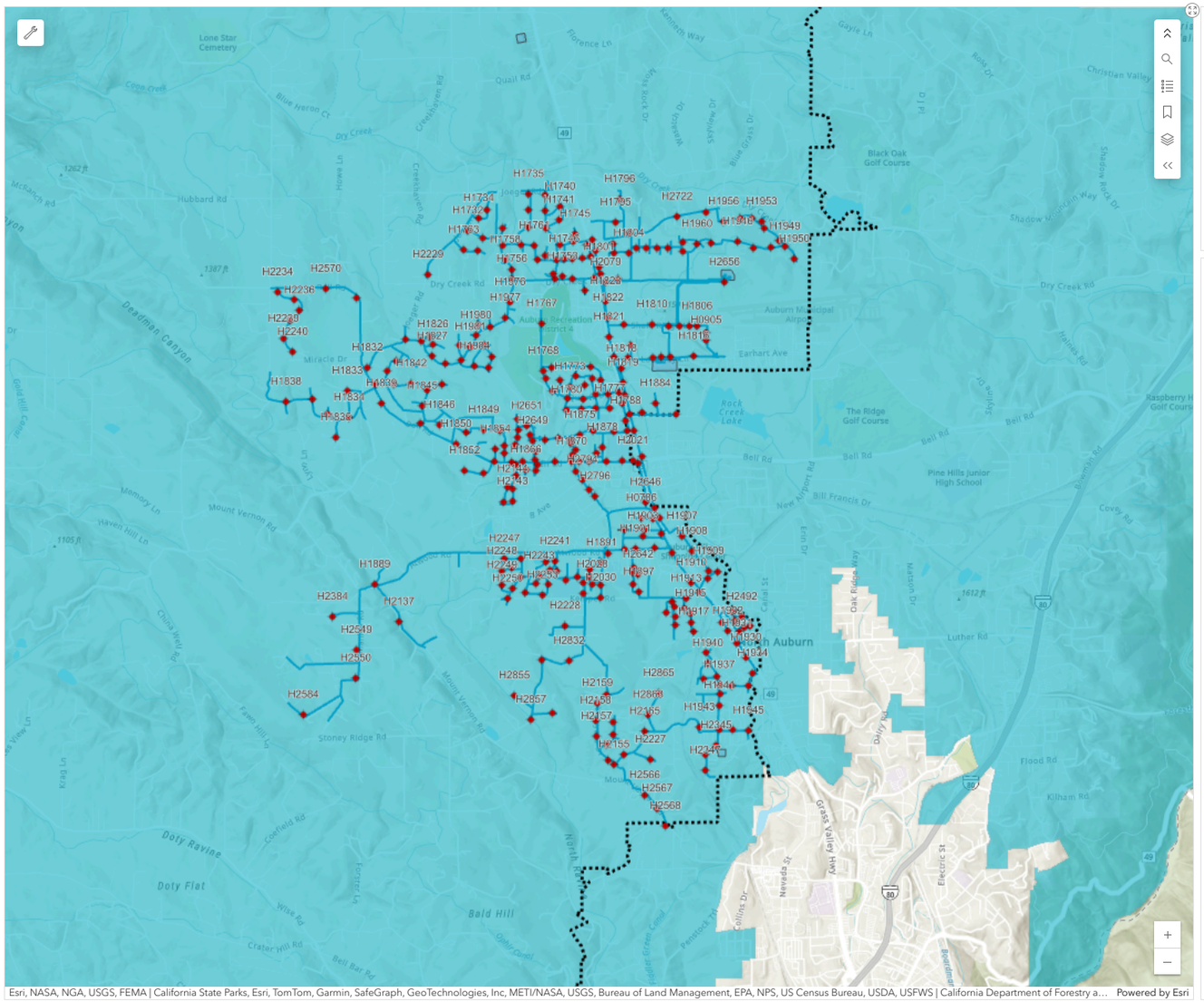
Exhibit A – NID & Agency Boundary Map
Exhibit B – NID Fire Hydrant Inspection Sheet
Exhibit C – NID Rules & Regulations, Chapter 8

Total Hydrant Count

2,642

- GRASS VALLEY FD
- NEVADA COUNTY CONS FD
- NEVADA COUNTY CONS FD
- PEARDALE - CHICAGO PARK FPD
- HIGGINS FPD
- ROUGH AND READY FPD
- PENN VALLEY FPD
- PLACER CO FPD
- LINCOLN CITY FIRE DEPARTMENT
- SMARTSVILLE FPD

Last update: 3 hours ago



341

of 2,642 Hydrants

PLACER CO FPD

County	PLACER
NERISID	FD06061928
FDID	31125
MACS ID	NEU
Name	PLACER CO FPD
Address	13760 LINCOLN WY
City	AUBURN
Zip	95603
Fire Chief	BRIAN ESTES
Phone	(530) 823-4904
Notes	
Last Updated	3/28/2025, 5:00 PM
Website	View
CAL FIRE Unit	NEU

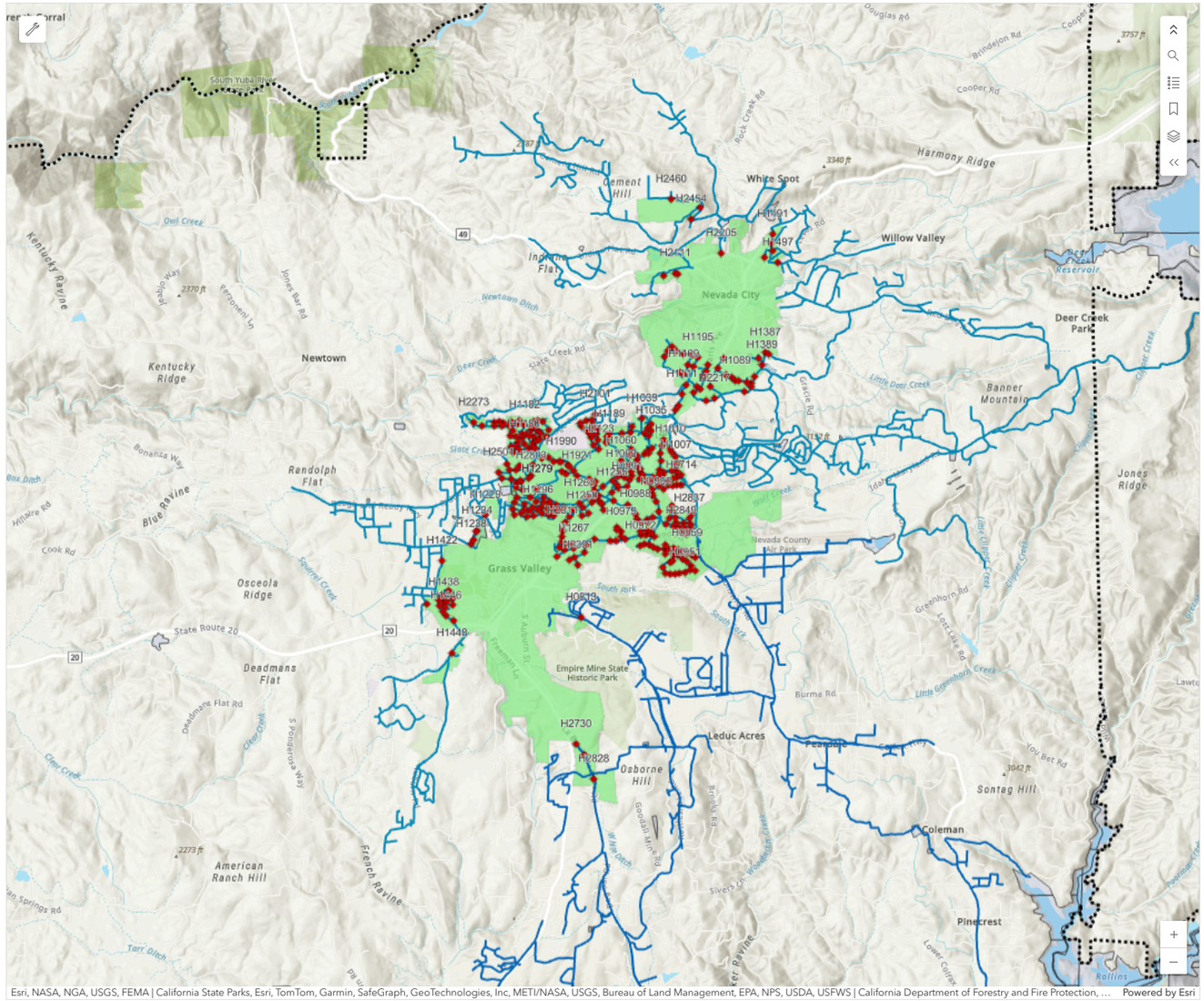
County	PLACER
NERISID	FD06061928
FDID	31125
MACSID	NEU
Name	PLACER CO FPD
Address	13760 LINCOLN WY
City	AUBURN
Zip	95603
Phone	(530) 823-4904
Fire Chief	BRIAN ESTES
Notes	
Last Updated	3/28/2025, 5:00 PM
Website	View
CAL FIRE Unit	NEU

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2,642

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- PLACER CO FPD
- LINCOLN CITY FIRE DEPARTMENT
- SMARTSVILLE FPD

Last update: 3 hours ago



366

of 2,642 Hydrants

GRASS VALLEY FD

County	NEVADA
NERISID	FD06057028
FDID	29005
MACS ID	GRS
Name	GRASS VALLEY FD
Address	125 E MAIN ST
City	GRASS VALLEY
Zip	95945
Fire Chief	MARK BUTTRON
Phone	(530) 274-4370
Notes	
Last Updated	1/9/2023, 4:00 PM
Website	View
CAL FIRE Unit	NEU

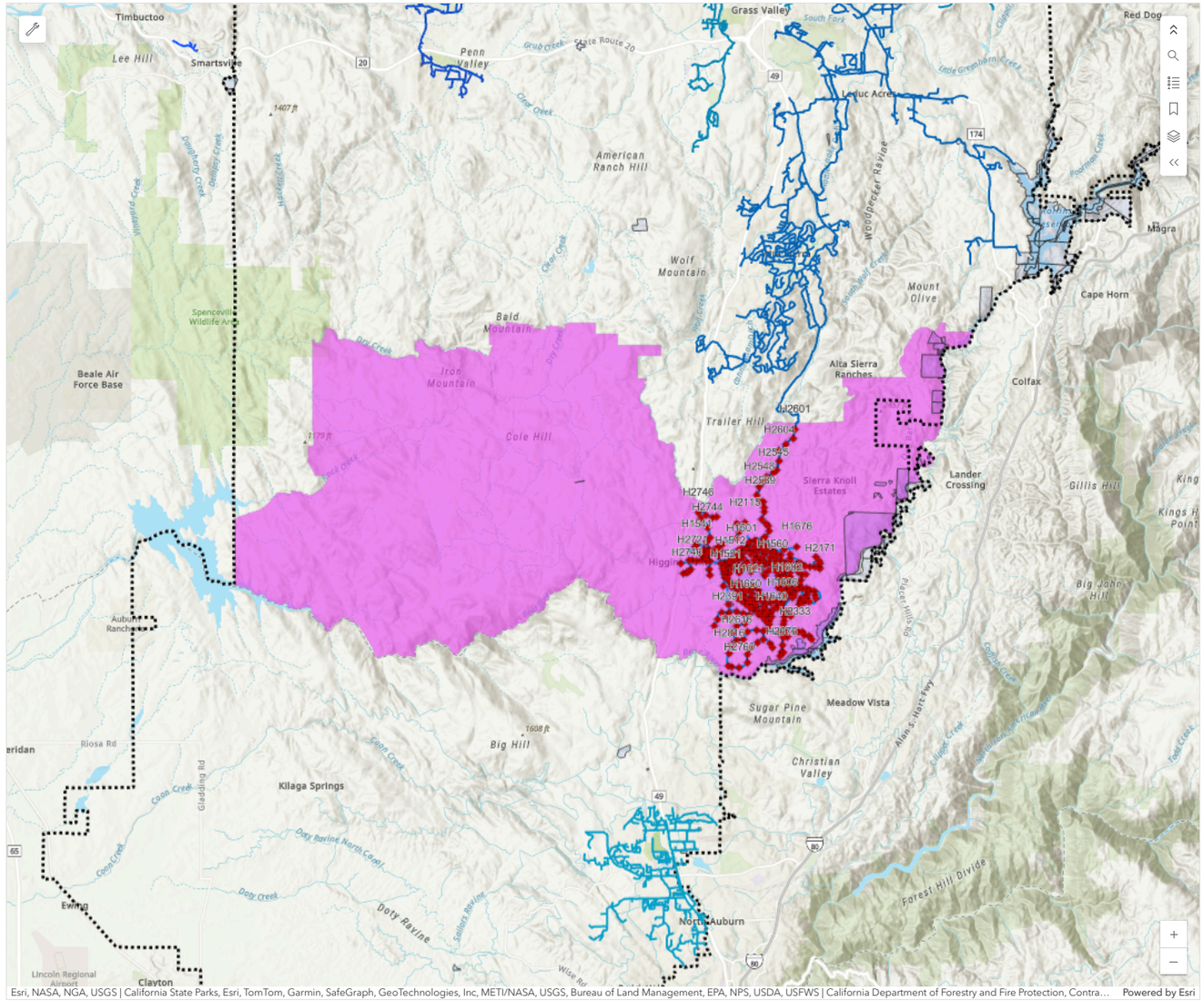
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NERISID	FD06057028
FDID	29005
MACSID	GRS
Name	GRASS VALLEY FD
Address	125 E MAIN ST
City	GRASS VALLEY
Zip	95945
Phone	(530) 274-4370
Fire Chief	MARK BUTTRON
Notes	
Last Updated	1/9/2023, 4:00 PM
Website	View
CAL FIRE Unit	NEU

Total Hydrant Count

2,642

- GRASS VALLEY FD
- NEVADA COUNTY CONS FD
- NEVADA COUNTY CONS FD
- PEARDALE - CHICAGO PARK FPD
- HIGGINS FPD
- ROUGH AND READY FPD
- PENN VALLEY FPD
- PLACER CO FPD
- LINCOLN CITY FIRE DEPARTMENT
- SMARTSVILLE FPD

Last update: 3 hours ago



316

of 2,642 Hydrants

HIGGINS FPD

County	NEVADA
NERISID	FD06057281
FDID	29042
MACS ID	HGF
Name	HIGGINS FPD
Address	10106 COMBIE RD
City	AUBURN
Zip	95602
Fire Chief	JOEL TAM
Phone	(530) 269-2488
Notes	
Last Updated	8/12/2022, 5:00 PM
Website	View
CAL FIRE Unit	NEU

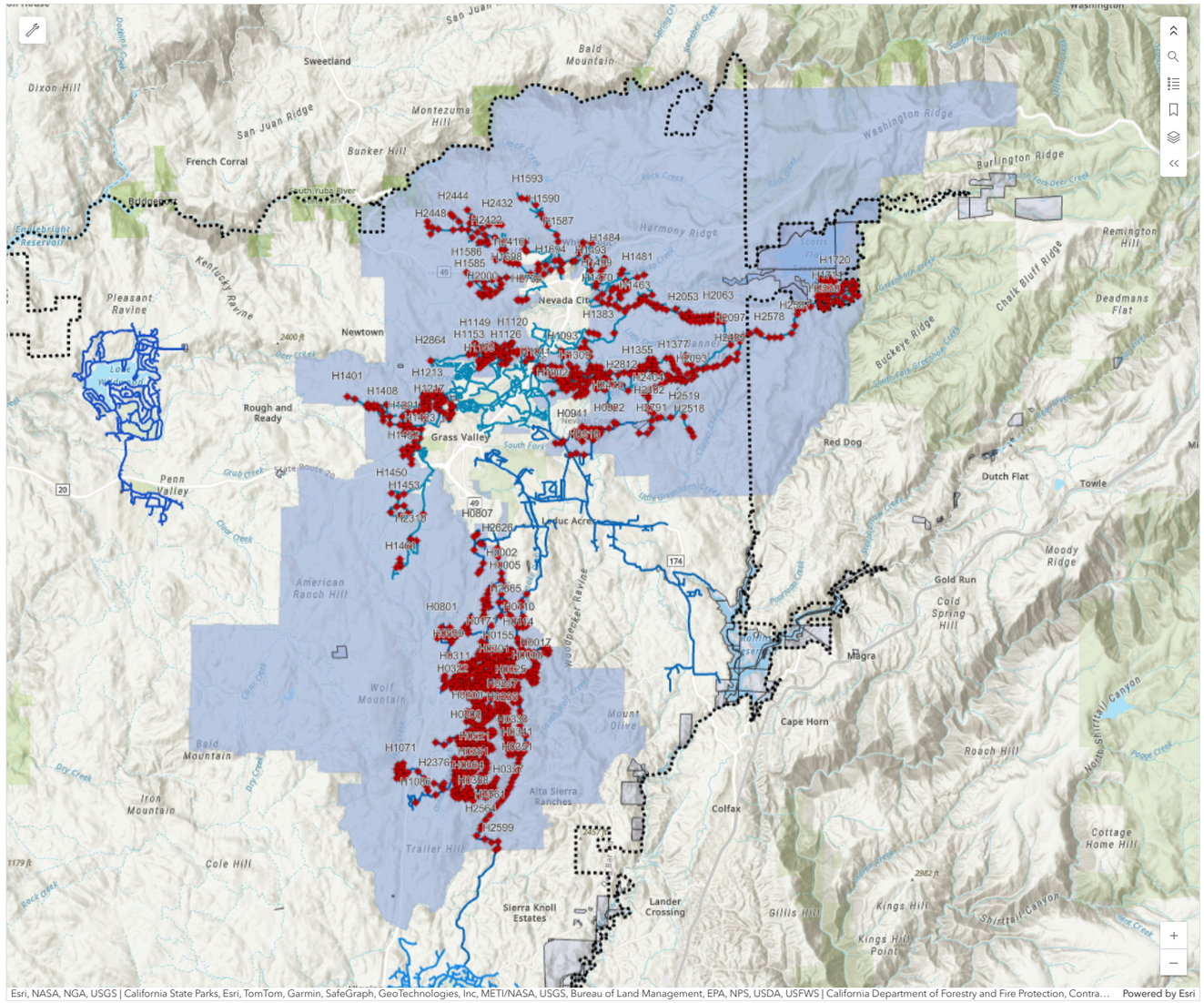
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NERISID	FD06057281
FDID	29042
MACSID	HGF
Name	HIGGINS FPD
Address	10106 COMBIE RD
City	AUBURN
Zip	95602
Phone	(530) 269-2488
Fire Chief	JOEL TAM
Notes	
Last Updated	8/12/2022, 5:00 PM
Website	View
CAL FIRE Unit	NEU

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2,642

- GRASS VALLEY FD
- NEVADA COUNTY CONS FD
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- PEARDALE - CHICAGO PARK FPD
- HIGGINS FPD
- ROUGH AND READY FPD
- PENN VALLEY FPD
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- LINCOLN CITY FIRE DEPARTMENT
- SMARTSVILLE FPD

Last update: 3 hours ago



1,105

of 2,642 Hydrants

NEVADA COUNTY CONS FD

County	NEVADA
NERISID	FD06057824
FDID	29015
MACS ID	NCC
Name	NEVADA COUNTY CONS FD
Address	640 COYOTE STREET
City	NEVADA CITY
Zip	95959
Fire Chief	JASON ROBITAILLE
Phone	(530) 265-4431
Notes	
Last Updated	1/9/2023, 4:00 PM
Website	View
CAL FIRE Unit	NEU

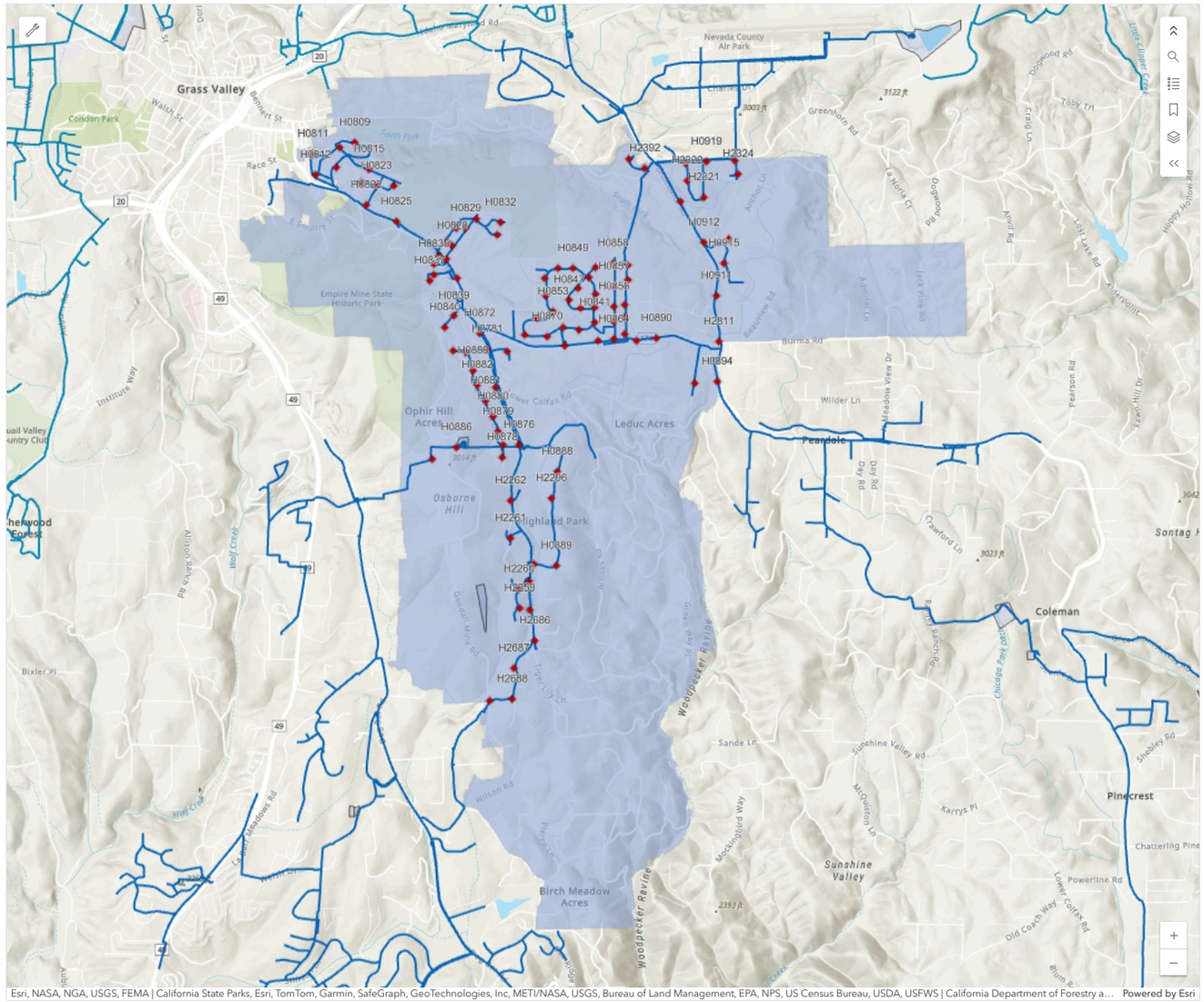
County	NEVADA
NERISID	FD06057824
FDID	29015
MACSID	NCC
Name	NEVADA COUNTY CONS FD
Address	640 COYOTE STREET
City	NEVADA CITY
Zip	95959
Phone	(530) 265-4431
Fire Chief	JASON ROBITAILLE
Notes	
Last Updated	1/9/2023, 4:00 PM
Website	View
CAL FIRE Unit	NEU

Total Hydrant Count

2,642

- GRASS VALLEY FD
- NEVADA COUNTY CONS FD
- NEVADA COUNTY CONS FD
- PEARDALE - CHICAGO PARK FPD
- HIGGINS FPD
- ROUGH AND READY FPD
- PENN VALLEY FPD
- PLACER CO FPD
- LINCOLN CITY FIRE DEPARTMENT
- SMARTSVILLE FPD

Last update: 3 hours ago



104

of 2,642 Hydrants

OPHIR HILL FPD

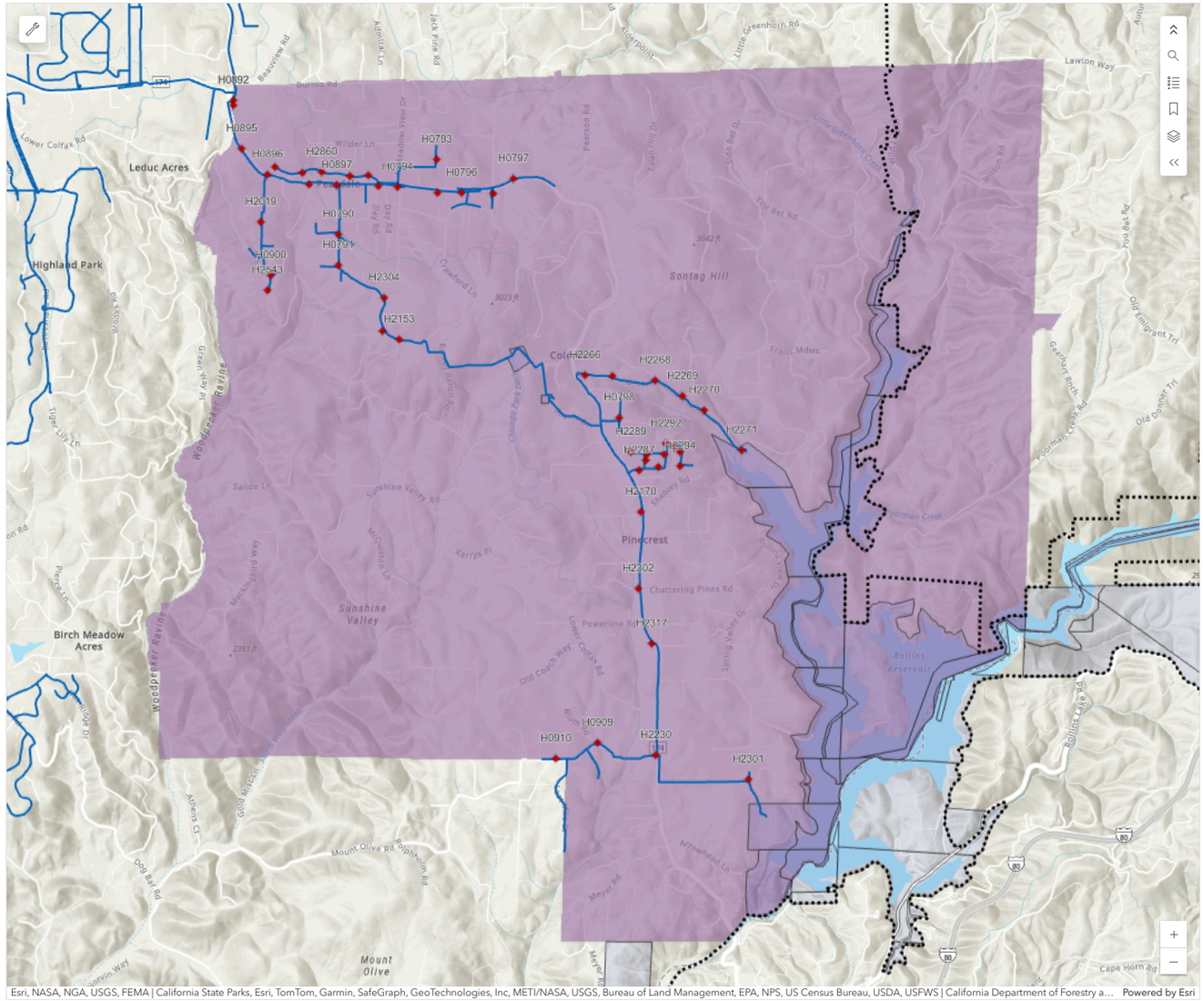
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NERISID	FD06057204
FDID	29025
MACS ID	OPH
Name	OPHIR HILL FPD
Address	PO BOX 940
City	CEDAR RIDGE
Zip	95924
Fire Chief	ROB ROTHENBERGER
Phone	(530) 273-8351
Notes	
Last Updated	8/12/2022, 5:00 PM
Website	View
CAL FIRE Unit	NEU

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- SMARTSVILLE FPD

Last update: 3 hours ago



50

of 2,642 Hydrants

PEARDALE - CHICAGO PARK FPD

County	NEVADA
NERISID	FD06057182
FDID	29030
MACS ID	PCP
Name	PEARDALE - CHICAGO PARK FPD
Address	PO BOX 697
City	CHICAGO PARK
Zip	95712
Fire Chief	JIM BIERWAGEN
Phone	(530) 273-2503
Notes	
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CAL FIRE Unit	NEU

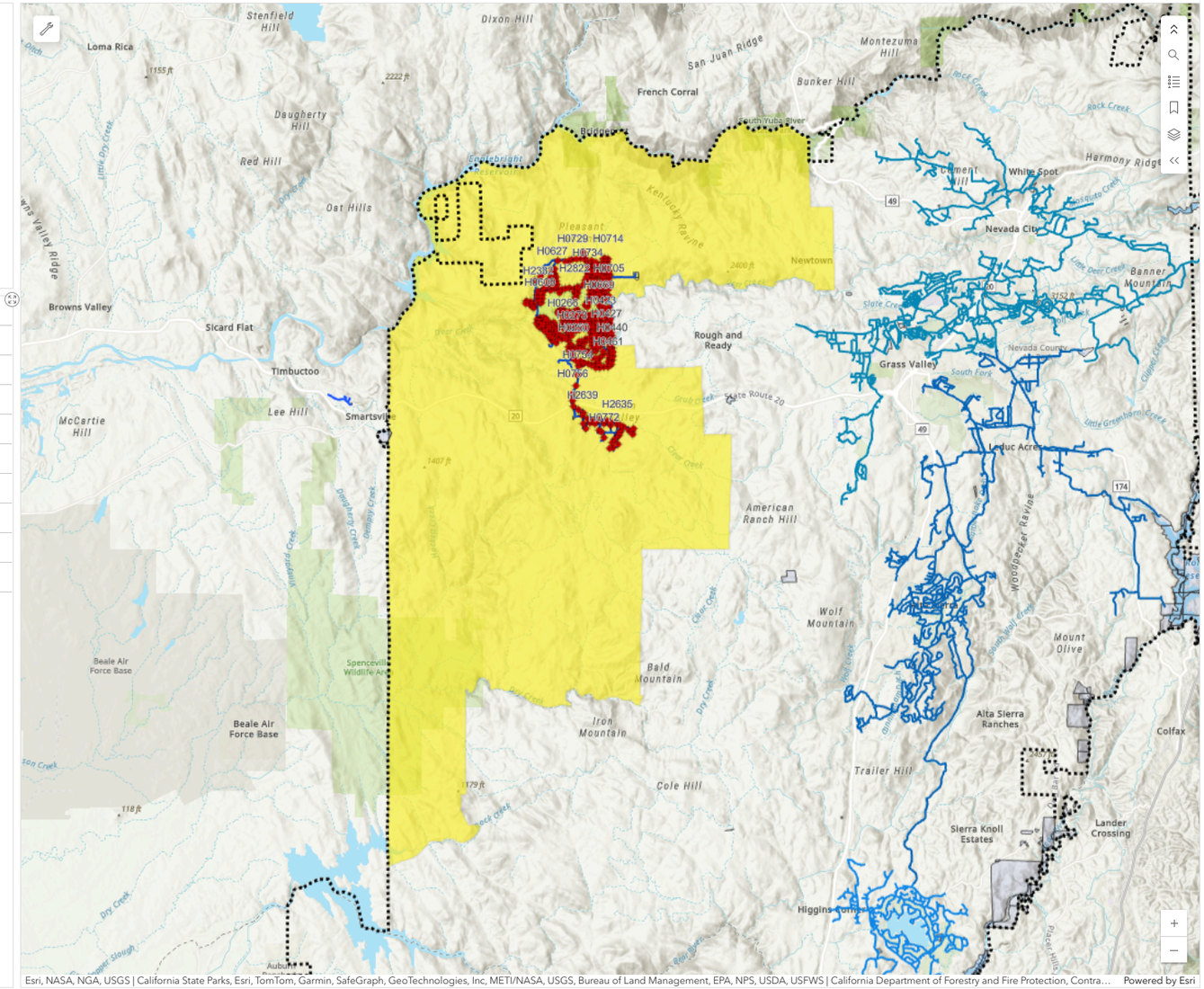
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NERISID	FD06057182
FDID	29030
MACSID	PCP
Name	PEARDALE - CHICAGO PARK FPD
Address	PO BOX 697
City	CHICAGO PARK
Zip	95712
Phone	(530) 273-2503
Fire Chief	JIM BIERWAGEN
Notes	
Last Updated	8/12/2022, 5:00 PM
Website	View
CAL FIRE Unit	NEU

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- SMARTSVILLE FPD

Last update: 3 hours ago



353

of 2,642 Hydrants

PENN VALLEY FPD

County	NEVADA
NERISID	FD06057257
FDID	29065
MACS ID	PNV
Name	PENN VALLEY FPD
Address	PO BOX 180
City	PENN VALLEY
Zip	95946
Fire Chief	DON WAGNER
Phone	(530) 432-2630
Notes	
Last Updated	8/12/2022, 5:00 PM
Website	View
CAL FIRE Unit	NEU

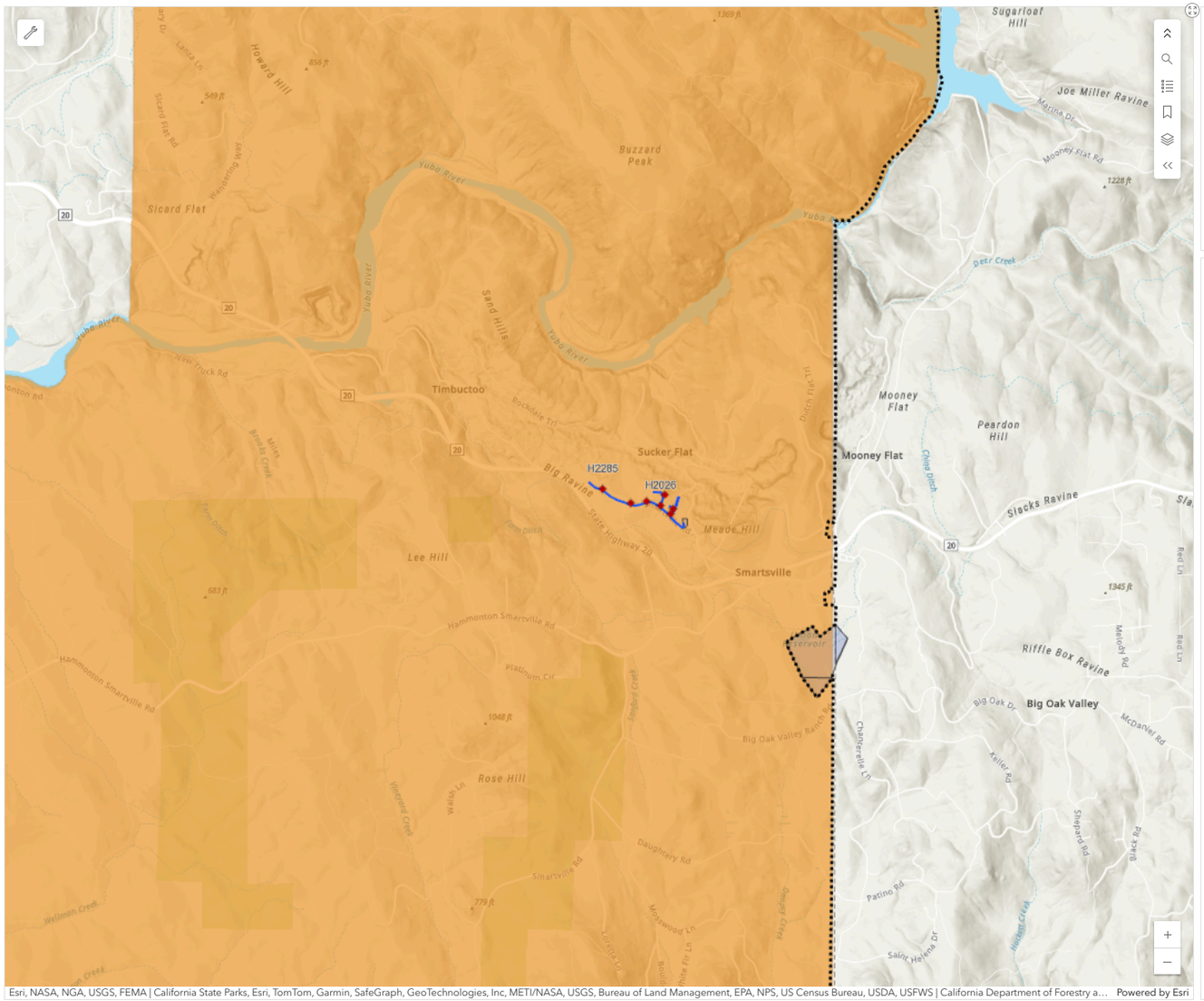
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NERISID	FD06057257
FDID	29065
MACSID	PNV
Name	PENN VALLEY FPD
Address	PO BOX 180
City	PENN VALLEY
Zip	95946
Phone	(530) 432-2630
Fire Chief	DON WAGNER
Notes	
Last Updated	8/12/2022, 5:00 PM
Website	View
CAL FIRE Unit	NEU

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Last update: 3 hours ago



7

of 2,642 Hydrants

SMARTSVILLE FPD

County	YUBA
NERISID	FD06115765
FDID	58020
MACS ID	SFP
Name	SMARTSVILLE FPD
Address	8459 BLUE GRAVEL RD
City	SMARTSVILLE
Zip	95977
Fire Chief	MARK ZAMORA
Phone	(530) 639-0405
Notes	
Last Updated	6/20/2018, 5:00 PM
Website	View
CAL FIRE Unit	NEU

County	YUBA
NERISID	FD06115765
FDID	58020
MACSID	SFP
Name	SMARTSVILLE FPD
Address	8459 BLUE GRAVEL RD
City	SMARTSVILLE
Zip	95977
Phone	(530) 639-0405
Fire Chief	MARK ZAMORA
Notes	
Last Updated	6/20/2018, 5:00 PM
Website	View
CAL FIRE Unit	NEU

EXHIBIT B

Public Fire Hydrant Maintenance & Inspection Form

Date of Inspection	Inspector Name	Hydrant ID	Exercise / Flush	EST Gallons Used During Flush	Cap Condition	Accessibility	Paint Condition	Reflector	Notes

8Section 8

SECTION 8

FIRE SERVICES

8.01 GENERAL

Three types of fire services are available; public fire hydrants and private fire services served by treated water systems and public fire services served by raw water systems. These fire services shall be used only for the purpose of extinguishing fires and for testing fire suppression systems.

8.02 DISTRICT LIABILITY

The District does not guarantee or represent that a specific or certain minimum water pressure or volume of water will be available through a fire service. Fire services will be subject to the variations of water pressure and flow and to the temporary shutdowns required in the operation and maintenance of the system or any interruptions of operations in the system. The District shall be held in no way responsible for and the applicant and/or local fire fighting entity must agree to hold the District free and harmless from injury or damage caused by the lack of water or pressure available to a fire service.

8.03 LOCATION

8.03.01 General

All fire services will be located at a site meeting the approval of the District. In determining if a location is suitable for the installation of a fire service, the District will take into consideration operation and maintenance requirements and other factors deemed important, at any proposed site.

eff. 6/11/03

8.03.02 Treated Water System

(a) New Service. Faulty equipment or procedures which may be utilized by entities operating fire services on high pressure water mains can lead to physical injury of personnel, property damage, and can cause water main failures.

No new public fire hydrants will be allowed on District water mains where static pressures are 150 psi or greater. Prior to allowing public fire hydrants on water mains where static pressures are between 100 and 149 psi, the District will review each request on an individual basis. Approval or disapproval of each request, which will be made at the sole discretion of the District, will be based on consideration of such factors as size, type, and condition of water main, actual pressure, location of pressure-reducing stations, lower pressure water mains and other hydrants.

New private fire services, located on water mains where static pressures are 100 psi or greater, will not be allowed unless the applicant signs an agreement acknowledging the risks involved in a high pressure service, and holding the District free and harmless from liability and damages relating to the service. In addition, if the pressure is 150 psi or greater, the applicant will not be allowed to install any private hydrants or hose outlet stations on the fire service.

Fire pumper connections installed with proper check valves will be allowed.

eff. 10/24/90

(b) Existing Services. Existing public fire hydrants located on water mains where static pressures are 100 psi or greater may be eliminated when in the sole judgment of the District an adequate substitute water source, normally a lower pressure water main is available. The local fire fighting entity, in which jurisdiction of any public fire hydrant being considered for elimination is located, will be consulted prior to final determination; and a written 30-day notice will be provided prior to the actual removal or relocation of the fire service. All removal and re-plumbing costs will be absorbed by the District when such removal is the sole decision of the District.

eff. 5/23/90; rev. 6/11/03

8.03.03 Raw Water System

Due to potential of water loss and operation problems encountered with fire services off of the raw water system, the District will only allow such services under limited situations. If other alternatives, as determined by the District, are available to the fire fighting entity, no such service will be allowed.

No fire services will be allowed off of siphons or pipelines classified as transmission, as opposed to distribution lines. Locations subject to hydraulic conditions that restrict water flow will not be available for installation of a fire service.

eff. 3/13/85

8.04 PUBLIC FIRE HYDRANTS ON TREATED WATER SYSTEMS

8.04.01 General

An application, Form 8-A, must be signed by applicant and the local fire fighting entity in which jurisdiction the hydrant is located and approved by District prior to the installation, relocation or removal of a hydrant on a District water main.

The charge for the hydrant installation, relocation or removal, as set forth in these Regulations, shall be paid by the applicant and/or local fire fighting entity at the time the application is submitted to the District.

Fire hydrants installed under these Regulations shall belong to the District. The District may bear the expense of performing hydrant maintenance resulting from normal wear and tear when such conditions are reported to the District. The District may levy a charge for fire hydrant maintenance.

8.04.02 Installations

The charge shown in Schedule 8-A will be collected for all installations and provides for installation of a 2 ½" x 2 ½" x 4 ½" nozzle dry barrel hydrant conforming to AWWA Specification C502.

8.04.03 Hydrant Removal

The charge to remove a hydrant and discontinue the service will be as shown in Schedule 8-A.

There will be no charge to remove a hydrant or stand pipe classified as less than 5 ¼-inch barrel diameter when the removal is done in conjunction with the installation, at the same location, of a new hydrant.

eff. 6/11/03

8.04.04 Installation of a Hydrant Near Existing Hydrant

If a fire hydrant is to be installed at or near a location where there is existing hydrant coverage, as a requirement precedent to installing the new hydrant, the District reserves the right of discontinuing the existing hydrant and to levy the appropriate charge as shown in Schedule 8-A.

8.04.05 Relocation of Hydrant

The charge for the relocation of a hydrant will be the total of the charge for the hydrant elimination, Schedule 8-A, plus the charge for the installation of a new hydrant. No credit will be given for salvaged material unless the hydrant conforms to AWWA Specification C502 and can be reused, with only minor reconditioning, in which case a credit will be given as shown in Schedule 8-A.

Where the relocation or installation of a fire hydrant does not require a new connection to the main, the charge will be based on the District's actual cost.

8.05 PRIVATE FIRE SERVICE ON TREATED WATER SYSTEM

8.05.01 General

An Application, Form 8-B, must be signed by applicant and the local fire fighting entity in which jurisdiction the service is located, and approved the District prior to installation of the private fire service. The Applicant will make the basic determination as to the size of the service; however, the District reserves the right to limit the size of the service allowed. A fee to compensate the District for estimating the cost of the service will be collected at the time the application is submitted to the District. See Schedule 8-B.

After installation, the private fire service, up to and through to the outside edge of the vault, shall belong to the District.

eff. 1/1/94; rev. 12/08/04

8.05.02 Installation

Private fire services may be installed using two administrative processes,1) Applicant installed using a Conveyance Agreement or 2) Applicant installed using an Applicant Constructed Private Fire Service Letter Agreement.

Private fire services may be installed as a facility incidental to a water line extension being installed by a Developer under the provisions of a Section 10.03 Conveyance Agreement. The Applicant may also make arrangements to construct a private fire service to be connected to an existing water main by using the Section 10.03 Conveyance Agreement process in cases where the estimated installation costs exceed $15,000.

Fire services that are not incidental to a proposed water line extension project may be installed by the Applicant using a private contractor under the provisions of an Applicant Constructed Private Fire Service Letter Agreement, example of which is shown in Form 8-D. This method governs plans, specifications, construction, inspection, and other requirements for the Applicant and his

contractor. These letter agreements and conveyance of the completed fire service are subject to approval by the General Manager.

eff. 12/12/90; rev. 12/08/04; rev 12/08/2021

8.05.03 Service to More Than One Parcel

As long as all the parcels involved are properly fronted by a water main, as required under Section 10.01.02 of these Regulations, and upon the written application of all landowners, up to four contiguous parcels may be served by one private fire service.

Property owner(s) of each parcel being served by a Private fire service must have a valid application on file with the District indicating their responsibility for paying all charges and penalties, along with their responsibility for maintaining the system beyond the private fire service.

In certain instances the District, at its sole discretion, may permit or require a single parcel to have more than one private fire service connection. Examples include a shopping center/business center with varied tenant water requirements or two commercial buildings located on one parcel.

rev. 12/08/04, rev. 03/10/10

8.05.04 Charges for Water Service

No charge will be made for water used for extinguishing fires, but any water lost through leakage or for testing purposes or used in violation of these Regulations shall be paid for by the applicant at double the normal water consumption charges. If unauthorized water use or leakage continues for more than two billing periods after notification of the water use, the service may be discontinued.

A periodic charge, as shown in Schedules 8-C and 8-D, will be made to compensate the District for maintenance and the eventual replacement of the private fire service.

Pursuant to Section 6.04 of these Regulations, delinquent charges may be placed as a lien against the parcel, or all parcels benefiting from the service in the case of service to more than one parcel.

User(s) of the service understand that the fire service may be discontinued for nonpayment of charges and accept all risk of such discontinuance for nonpayment.

eff. 1/22/86

8.06 PUBLIC FIRE SERVICE ON RAW WATER SYSTEMS

8.06.01 General

An application, Form 8-C, must be signed by the local fire fighting entity in whose jurisdiction the fire service is located and approved by District prior to installation of the service.

These types of fire services are subject to extreme variations in flow. Temporary, seasonal and extended shutdown periods may be required in normal operation of the system. Water delivered to the service may contain debris which could affect the quantity of water available to the fire service because of plugging or clogging.

8.06.02 District Installation

The District will install the outlet and shutoff valve immediately adjacent to the District facility at the applicant's cost.

8.06.03 Applicant Installation

The applicant will be responsible for construction of all facilities downstream from the shutoff valve, including pipeline, storage sump and hydrant.

8.06.04 Maintenance Responsibilities

District may bear the expense of performing maintenance resulting from normal wear and tear on its facilities when such conditions are reported to the District. The District may levy a charge for maintenance. Facilities downstream from the shutoff valve will be the responsibility of the applicant to maintain.

8.06.05 Discontinuing Service

The service shall be used only for extinguishing fires and no connections of any kind whatsoever, other than to hydrants and hose reels, shall be made or permitted to be made to the pipe(s) supplied by said service.

Discovery of any unauthorized service or any water leakage from the applicant's facilities will result in discontinuation of said fire service until corrective action is taken.

8.06.06 Charges for Water Service

No charge will be made for water used for extinguishing fires or for periodic flushing of the service to remove accumulated debris.