

Oregon Department of Forestry
Incident Resource Agreement
2026-2029



Appendix Sixteen (16) – WATER HANDLING
RESOURCE DUTIES, QUALIFICATIONS, COMPENSATION, &
INVENTORY

A.1 - General Description of Duties

A.1.1 – Scope of Work

Fire suppression and mop-up activities.

A.1.2 – Operational Conditions

Operators may be required to transport loads of up to the maximum GVWR rating of the tractor-trailer combination on steep and poorly maintained roads.

A.1.3 – Operational Environment

Operators should expect to drive on secondary roads with grades of up to 15 percent, with close radius switchbacks and road surfaces of natural material.

A.1.4 – Performance Requirements

A.4.4.1 – Resources are required to arrive at the Incident with full water tanks and secure an appropriate water resource prior to arrival.

A.4.4.2 - Truck and trailer must be capable of working on secondary forest/range roads with adequate horsepower and trailer clearance to excel in this environment.

A.1.5 – Operational Knowledge

Operators must understand load securement requirements and operational limitations of tractor-trailer configurations.

A.1.6 – The Resource Provider must comply with all applicable federal and state laws, including but not limited to:

- a) [Migrant and Seasonal Agricultural Worker Protection Act](#)
- b) [Oregon Bureau of Labor Farm/Forest Labor Contractors License](#)

A.2 – Qualifications and Requirements

A.2.1 - Operator Qualifications

Water Handling equipment must be operated only by individuals who are fully qualified to safely and efficiently perform all duties required by the Incident, and in accordance with the manufacturer's operating limitations.

A.2.2 - Change of Qualified Operators

Whenever there is a change in Resource Provider's Qualified Operator(s) during an Incident assignment, the incoming Qualified Operator(s) must follow the Incident's Check-in and inspection procedures upon arrival at the Incident.

A.2.4 - Commercial Driver's License Requirement

All transport Operators must maintain a valid Commercial Driver's License (CDL) in accordance with Oregon Department of Transportation requirements and any applicable federal regulations.

A.3 - Rates and Compensation

A.3.1 – Wet Rates

Rates provided by Resource Provider, and approved by the State, are understood to be 'Wet' Rates. Wet Rates include:

- a) Equipment;
- b) Transports and chase vehicles;
- c) Qualified Operator(s) and drivers;
- d) Fuel; and
- e) All required maintenance.

Unless modified under Section A.3.1, Exceptions, payment is made at the agreed-upon rates.

A.3.2 - Daily Rates

A.3.2.1 - Daily Rates apply when equipment with a Qualified Operator is ordered by the State and placed On-Shift.

A.3.2.2 – On-Shift Definition

On-Shift includes:

- a) Time the equipment (with Qualified Operator) is performing work;
- b) Time the equipment (with Qualified Operator) is held or directed to remain in a state of readiness;
- c) Time Qualified Operator(s) spend in Operational Period briefings;
- d) Mobilization activities (Check-in time); and
- e) Compensable travel that has a defined start and end time.

A.3.3 - Minimum Daily Compensation

A.3.3.1 – Minimum Hours

Daily Rate payment is based on a minimum of eight (8) hours of On-Shift time between 0001 and 2400 hours.

A.3.3.2 – Reduced Hours

When On-Shift time totals fewer than eight (8) hours, payment is made at one-half (½) of the agreed-upon Daily Rate.

A.3.3.3 – Shift Length

A single-shift Operator is not restricted to a 12-hour shift; shift duration will be determined by the operational needs of the Incident.

A.3.4 - Extended-Shift Rates

A.3.4.1 – Applicability

When equipment (with a Qualified Operator) works eighteen (18) hours or more within a single day (0001–2400 hours), the Extended-Shift Rate applies. The Extended-Shift Rate is not determined by how many Operators are assigned, but hours worked.

A.3.4.2 – Rate

The Extended-Shift Rate is 165% of the agreed-upon Daily Rate.

A.3.5 - Double-Shift Rates

A.3.5.1 – Staffing Requirements

The Double-Shift Rate applies only when equipment is staffed with two (2) operators providing continuous coverage over a 24-hour period (0001–2400 hours), typically through two 12-hour shifts (day and night). Double-shift staffing must be clearly documented on the Resource Order.

A.3.5.2 – Rate

The Double-Shift Rate is 165% of the agreed-upon Daily Rate.

A.4 – Exceptions

A.4.1 - Inoperable Equipment or Unavailable Operator

A.4.1.1 - No payment accrues for any period during which the equipment is not in a safe or operable condition, or when a Qualified Operator is not available for all or part of the assigned shift.

A.4.1.2 - Payment is based solely on the hours the equipment is operational during the assigned shift, as documented on the shift ticket, compared against the designated shift identified in the IAP.

A.4.1.3 - Equipment work time (with a Qualified Operator) of fewer than eight (8) hours is compensated at one-half (½) of the agreed-upon daily rate.

A.4.2 - Failure to Replace or Repair Equipment/Operator

After inspection and acceptance for use, if equipment and/or Qualified Operator(s) cannot be replaced, or if equipment cannot be repaired at the Incident within twenty-four (24) hours, the equipment and/or Qualified Operator(s) may be considered withdrawn by the Resource Provider.

A.4.3 - Voluntary Withdrawal by Resource Provider

If the Resource Provider withdraws equipment, Qualified Operator(s), or both prior to release by the State, no further payment accrues. The Resource Provider bears all costs associated with returning the equipment and/or Qualified Operator(s) to the PoH.

A.4.4 - Mandatory Work/Rest and Length-of-Assignment Compliance

No payment accrues when the Resource is off-shift in compliance with mandatory Work/Rest or Length-of-Assignment provisions. As an alternative to rotating personnel or taking an unpaid mandatory day off, the Resource may be released from the Incident at the discretion of the State.

A.5 - Inventory and Equipment Requirements (in alpha order)

A.5.1 - Engines

ENGINES	
<input type="checkbox"/>	Vehicle Company Identification (external, on both driver and passenger sides of vehicle)
<input type="checkbox"/>	Reflective Triangles
<input type="checkbox"/>	Wheel Chocks (Q=2)
<input type="checkbox"/>	Working Seatbelts (for each crew member)
<input type="checkbox"/>	Fire Extinguisher, 2A 10BC with Current Inspection Tag
<input type="checkbox"/>	First Aid Kit (5 persons)
<input type="checkbox"/>	Handheld Programable Radio (Q=1 for each crew member)
<input type="checkbox"/>	Spare Tire (recommended)
<input type="checkbox"/>	Hand Tools (ex. shovel, Pulaski, McCleod, etc) (Q=1 for each crew member)
<input type="checkbox"/>	Line Packs - capable of carrying essential gear, tools, water, PPE, and fire shelter (Q=1 for each crew member)
<input type="checkbox"/>	Pump Discharge Pressure Guage (suggested but not required)
<input type="checkbox"/>	Discharge Valve with Rapid Shut Off
<input type="checkbox"/>	Live Hose Reel (100') OR Non-Collapsable Hose (100')
<input type="checkbox"/>	Draft/Suction Hose with Screened Foot Valve (16')
<input type="checkbox"/>	1 ½" Hose (300' for Types 5,6) (1000' for type 3, 4)
<input type="checkbox"/>	1" Hose (300' for Types 5,6) (1000' for Type 3,4)

<input type="checkbox"/>	¾ Garden Hose (300')
<input type="checkbox"/>	Nozzles, Reducers, Adapters (adequate quantity of each)
<input type="checkbox"/>	Spanner Wrenches, Forestry Fire Hose Clamp, Gated Wyes (adequate quantity of each)
<input type="checkbox"/>	Engraved Inventory with Company Name
<input type="checkbox"/>	Backpack Pump (Q=2)
<input type="checkbox"/>	Mop-Up Wand (optional, not required)
<input type="checkbox"/>	Fusees (Q=10)
<input type="checkbox"/>	Mill Bastard Files (3)
<input type="checkbox"/>	Chainsaw (minimum 3.0 cu.in., 49cc engine, 18" bar) with Fuel
<input type="checkbox"/>	Felling Axe
<input type="checkbox"/>	Pump Accessories - adjustable wrench or spark plug wrench, slip joint pliers, Crankcase oil, flathead screwdriver, Phillips screwdriver, spare starter rope, grease gun with grease, spark plugs, extra fuel
<input type="checkbox"/>	Chainsaw Kit - combination bar/spark plug wrench, spare spark plug, 1 pint of engine oil, chaps (meeting the USFS Specs. 6170-4F or later, or certified to NFPA 1977), extra chain, chain file, felling wedge, OSHA or DOT approved fuel container, guide bar oil, ear plugs
<input type="checkbox"/>	Personal Protective Equipment (PPE) - Nomex shirt/pants, fire shelter (New Generation – no older than 2006), hardhat, leather gloves, boots (meet NFPA 1977 standards), headlamp, eye protection, ear protection

A.5.1.2 – Gray Water Trucks

GRAY WATER TRUCKS	
<input type="checkbox"/>	Vehicle Company Identification (external, on both driver and passenger sides of vehicle)
<input type="checkbox"/>	Reflective Triangles
<input type="checkbox"/>	Water Chocks (Q=2)
<input type="checkbox"/>	Working Seatbelt (for each crew member)
<input type="checkbox"/>	Fire Extinguisher, 2A 10BC with Current Inspection Tag
<input type="checkbox"/>	First Aid Kit (5 persons)
<input type="checkbox"/>	Handheld Programable Radio (Q=1)
<input type="checkbox"/>	Spare Tire (suggested but not required)
<input type="checkbox"/>	Annual DOT Certification
<input type="checkbox"/>	Current Sewage Disposal Service (SDS) Pumper License issued by Department of Environmental Quality (DEQ)
<input type="checkbox"/>	Department of Environmental Quality (DEQ) Vehicle Inspection Tags
<input type="checkbox"/>	Equipment Racks

<input type="checkbox"/>	Spill and Splashproof Tank (top hatch is sealed)
<input type="checkbox"/>	Sealed Hatch, Inlet, Outlet Openings
<input type="checkbox"/>	Hoses Labeled “GRAY WATER” at Each End
<input type="checkbox"/>	Tank Labeled “GRAY WATER” and Gallon Capacity on Both Sides of Tank
<input type="checkbox"/>	Tank NOT Used for S Automatic Shut-Off to Prevent Overfilling Tank eriving Black Water
<input type="checkbox"/>	Hose with Camlock Adapter

A.5.1.3 – Potable Water Trucks

POTABLE WATER TRUCKS	
<input type="checkbox"/>	Vehicle Company Identification (external, on both driver and passenger sides of vehicle)
<input type="checkbox"/>	Reflective Triangles
<input type="checkbox"/>	Wheel Chocks (Q=2)
<input type="checkbox"/>	Working Seatbelt for Each Crew Member
<input type="checkbox"/>	Fire Extinguisher, 2A 10BC with Current Inspection Tag
<input type="checkbox"/>	First Aid Kit (5 persons)
<input type="checkbox"/>	Handheld Programable Radio (Q=1)
<input type="checkbox"/>	Spare Tire (suggested but not required)
<input type="checkbox"/>	Annual DOT Certification
<input type="checkbox"/>	Chlorine Residual Test Kits (maintain a residual level of 0.2 ppm up to 1.0 ppm at all times)
<input type="checkbox"/>	Written Procedures for Cleaning and Sanitizing
<input type="checkbox"/>	Pump Made of Food-Grade Materials
<input type="checkbox"/>	Protected, Downward Facing Tank Vents
<input type="checkbox"/>	Hoses Labeled “POTABLE WATER” on Each End
<input type="checkbox"/>	Tank Labeled “POTABLE WATER” or “FOR DRINKING WATER USE ONLY” and Gallon Capacity
<input type="checkbox"/>	Logbook (record of activities)
<input type="checkbox"/>	Sealed Hatch, Inlet, Outlet Openings
<input type="checkbox"/>	Bottom Tank Drain
<input type="checkbox"/>	Capped Hoses

A.6.1.4 – Support Water Tenders

SUPPORT WATER TENDERS	
<input type="checkbox"/>	Vehicle Company Identification (external, on both driver and passenger sides of vehicle)
<input type="checkbox"/>	Reflective Triangles
<input type="checkbox"/>	Wheel Chocks (Q=2)

<input type="checkbox"/>	Working Seatbelt (for each crew member)
<input type="checkbox"/>	Fire Extinguisher, 2A 10BC with Current Inspection Tag
<input type="checkbox"/>	First Aid Kit (5 person)
<input type="checkbox"/>	Handheld Programable Radio (Q=1)
<input type="checkbox"/>	Spare Tire (suggested but not required)
<input type="checkbox"/>	Hand Tools (ex. shovel, Pulaski, McCleod, etc.) (Q=1)
<input type="checkbox"/>	Discharge Outlets (2 ½” 1 ½”)
<input type="checkbox"/>	Dump Valve (minimum 4” at bottom of tank)
<input type="checkbox"/>	Draft/Suction Hose (20’) with Screened Foot Valve
<input type="checkbox"/>	1 ½” Hose (100’)
<input type="checkbox"/>	2 ½” Hose (50’)
<input type="checkbox"/>	Nozzles, Reducers, Adapters (adequate quantity of each)
<input type="checkbox"/>	Spanner Wrench, Hydrant Wrench, Forestry Fire Hose Clamp, Gated Wye (request to specify quantity), Fire Hose Clamp (adequate quantity of each)
<input type="checkbox"/>	Personal Protective Equipment (PPE) - Nomex shirt/pants, fire shelter (New Generation – no older than 2006), hardhat, leather gloves, boots (meet NFPA 1977 standards), headlamp, eye protection, ear protection