MARSHALL COUNTY TANKER TASK FORCE

STANDARD OPERATING GUIDELINES

SUBJECT: Activation of the Marshall County Tanker Task Force

GOAL: To establish and maintain a continuous water supply for rural fire ground operation using primarily tankers to deliver water to the fire ground.

INTENTION: To provide uniform operations with departments participating in tanker shuttle and water supply operations. These guidelines are intended to be followed to eliminate confusion and provide an understanding of what should happen when the need arises for a tanker shuttle. It is **strongly** recommended before changing guidelines to discuss with the Incident Commander.

PROCEDURE: The Officer In Charge of the hosting department will notify Marshall County 911 Center and request the Tanker Task Force for the incident. Marshall County 911 will then dispatch five (5) tankers and two (2) additional engines companies to respond to the incident. (Template attached).

The Officer In Charge should notify Marshall County Tanker Task Force as soon as possible due to distances and travel time of the mutual aid tankers and engine company. The Tanker Task Force should be activated anytime a continuous water supply is needed in a rural application or when a pressurized source will not meet the needed fire flow requirements.

The Officer In Charge of the first responding department will appoint a water supply officer who will establish command of the water supply operations at the dump site. The water supply officer should be familiar with the surrounding locations as to where fill sites (within a two (2) mile radius) can be established, whether from a static source or a pressurized source.

The water supply officer will appoint a fill site officer to establish command at the fill site.

Marshall County 911 Center will notify the water supply officer what tankers and engines will be responding.

Anytime the fire location is within two thousand feet (2000') of a water source it is recommended that a supply line be laid instead of utilizing tankers unless the water source does not meet needed fire flow requirements.

MARSHALL COUNTY TANKER TASK FORCE

STANDARD OPERATING GUIDELINES

SUBJECT: Water Supply Officer

GOAL: To establish and maintain a continuous water supply for rural fire ground operation using primarily tankers to deliver water to the fire ground.

INTENTION: To provide uniform operations with departments participating in tanker shuttle and water supply operations. These guidelines are intended to be followed to eliminate confusion and provide an understanding of what should happen when the need arises for a tanker shuttle. It is **strongly** recommended before changing guidelines to discuss with the Incident Commander.

PROCEDURE: The Officer In Charge of the department requesting the Tanker Task Force shall appoint a water supply officer. This position will be from the requesting department of from a mutual aid department and will be in charge of the dump site.

The water supply officer shall be designated as (Supply) on the radio to all units responding.

> **Supply** shall check with the Incident Commander to find out the required gallons per minute of water needed at the fire scene. If the required flow is unknown, supply will try to achieve a minimum of four hundred (400) gallons per minute. This flow will adequately flow two (2) 1 ¾ hand lines.
>
> **Supply** will coordinate the dump site setup and the supply lines to the fireground.
>
> **Supply** will setup staging for the tankers at a remote location from the dump site to alleviate congestion and accident potential at the dump site.
>
> **Supply** will need to have radio communication to talk to the tankers and the Incident Commander.

*Tanker radio traffic is to be held to a minimum. Do not advise status or location unless asked by the supply officer. **Supply** will advise incoming tankers which dump tank to use in a timely manner so tanker drivers can respond and react accordingly.*

MARSHALL COUNTY TANKER TASK FORCE

STANDARD OPERATING GUIDELINES

SUBJECT: Fill Site For Tanker Operations

GOAL: To establish and maintain a continuous water supply for rural fire ground operation using primarily tankers to deliver water to the fire ground.

INTENTION: To provide uniform operations with departments participating in tanker shuttle and water supply operations. These guidelines are intended to be followed to eliminate confusion and provide an understanding of what should happen when the need arises for a tanker shuttle. It is **strongly** recommended before changing guidelines to discuss with the Incident Commander.

PROCEDURE: Either the Incident Commander or the water supply officer will appoint a fill site officer. The fill site officer will need to have communications to talk to the tankers and the water supply officer. The fill site officer will be designated as **(fillsite)** on the radio.

Staging should be designated remote from the fill site. It is to be used when more empty tankers are available than can be placed at the fill site. This will alleviate congestion and accident potential at the fill site.

The nearest water source to the fire ground can be determined by preplan data or **(supply)**. Considerations for picking the fill site location will include:

A) The volume of water available by known test results.
B) The travel distance, routing and traffic control.

Whenever possible try to achieve a loop route rather than a one-way turn around route. Try to keep the site accessible.

Equipment needed at the water source will include:

A) A draft engine.
B) Any special Required Fittings.
C) Suction hose and/or portable pumps.

The fill location shall use the largest available (Gallons Per Minute) engine when possible. The engine shall setup four (4) large lines, three inch (3”) minimum with Storz fittings. They should be paired so two (2) tankers can be connected at the same time. Only one (1) tanker is to be filled at a time. Fill with the best possible method, ie. Highest volume for the shortest amount of time.

It is preferable to use an engine on a hydrant, but when only a hydrant is used. Setup two (2) large lines with Storz fittings. Consider using a 2nd hydrant for multiple fill sites using the same setup.

MARSHALL COUNTY TANKER TASK FORCE

STANDARD OPERATING GUIDELINES

SUBJECT: Dump Site for Tanker Operations

GOAL: To establish and maintain a continuous water supply for rural fire ground operation using primarily tankers to deliver water to the fire ground.

INTENTION: To provide uniform operations with departments participating in tanker shuttle and water supply operations. These guidelines are intended to be followed to eliminate confusion and provide an understanding of what should happen when the need arises for a tanker shuttle. It is **strongly** recommended before changing guidelines to discuss with the Incident Commander.

PROCEDURE: The water supply officer will be in charge of the dump site area and will be designated as **(supply)** on the radio to all responding units.

Staging, if not already employed, shall be designated by **supply**, remote from the dump site. Staging will be used when more full tankers are available then can be placed at the dump site alleviating congestion and accident potential at the dump site.

Considerations for the dump site shall include:
Accessibility for incoming tankers. The area shall be large enough for maneuvering and shall have access to a minimum of two (2) dump tanks. The dump tanks shall be setup with the ability to position two (2) tankers dumping at once.

The draft engine shall use one of the main side steamers for maximum volume. Do not draft through front suctions or any type of gate valve. Draft engine shall use two (2) lengths of hard suction hose, preferably with a low level strainer. A third (3^{rd}) hard suction hose will be needed to transfer water to the main dump tank.

The distance to the fire ground shall be less than one thousand feet (1000'). The department having jurisdiction shall lay a line with the first due attack engine with a clappered Siamese on the supply end of the hose lay (if available). The draft engine is to lay from the Siamese to the dump tank site with a minimum of one (1) three inch (3") supply line.

Before choosing a dump site, consider routing and direction of travel to the fill site. Avoid setting dump tanks in the congestion of the immediate fire ground.

Supply will designate personnel for backing operations and opening dump valves on all tankers.

When placing the dump tanks in relationship to the draft engine, consider all of the possibilities for setup. Use either a square setup or a triangle setup. The type of setup will depend on several factors.

Factors: A) The amount of room at the dump site.
B) Width at the dump site.

C) Width of the road.
D) Type of dump valve on the tankers.

The square setup should be far enough away from the engine to open cabinet doors. The common side of the two (2) dump tanks should be in a straight line out from the main pump steamer. The 1st dump tank is set; the leading corner will determine that this is the center line. The primary draft is to be taken from the largest dump tank with a low level strainer.

In the triangle setup, the corner of the 1st dump tank will be placed at the center of the steamer fitting; the 2nd dump tank will be placed at another corner of the 1st tank.

Once the primary dump tank is filled and a draft is established, install the transfer devices in the 2nd dump tank in the desired direction.

Once the dump site is setup, the pump operator shall establish the initial draft pump pressure of 80 – 100 PSI. The **supply** or pump operator shall establish communications with the attack engine. **Supply** is to notify the Incident Commander that "water supply is in operation". Maintain a minimum of fifteen hundred gallons (1500) reserve in the dump tanks with the booster tank in the engine full at all times. At any time the minimum reserve is reached, notify the Incident Commander.

Tankers should dump in the primary dump tank as much as possible. **Supply** will notify the tankers, which tank to dump into. Dispatch the tankers back to the fill site with partial loads after their most efficient portion of the dump is completed. Use the most effective means of dumping for each tanker.

Tankers or engines without rapid dump devices should be removed to a remote location and have them pump into the primary dump tank through a hose lay from that location. Secure and valve the hoseline at the dump tank.

DEPARTMENT	TANKERS	ENGINES
Benwood	**1st Call** **2nd Call** Glen Dale Dallas Moundsville Fish Creek Limestone Bethesda Sherrard Stone Church Sunset Heights Spirit of 76	Bethlehem Glen Dale
Big Wheeling Creek	**1st Call** **2nd Call** Moundsville Sunset Heights Stone Church West Liberty Sherrard Glen Dale Dallas West Alexander Limestone Spirit of 76	Bethlehem Mt. Olivet
Boggs Run	**1st Call** **2nd Call** Moundsville Dallas Glen Dale West Liberty Sherrard Fish Creek Limestone Stone Church Sunset Heights Spirit of 76	Mt. Olivet Glen Dale
Cameron **(250 North)**	**1st Call** **2nd Call** Graysville, Pa Stone Church Fork Ridge Dallas Rich Hill Glen Dale Moundsville Rogersville Sherrard West Finley	Mt. Olivet Rich Hill
Cameron **(250 South)**	**1st Call** **2nd Call** Hundred St. Joe Silver Hill Graysville, PA Fork Ridge Grandview Limestone West Finley Rich Hill New Freeport	Rich Hill Hundred
Cameron **(Fish Creek)**	**1st Call** **2nd Call** St. Joe Fish Creek Silver Hill Grandview Limestone Glen Dale Moundsville Rich Hill Fork Ridge New Freeport	Roberts Ridge Silver Hill

Cameron **(Rt. 891)**	**1st Call** **2nd Call** Rich Hill Twp Rogersville Graysville West Finley Limestone Sherrard Dallas Moris Township Fork Ridge Moundsville	Limestone Rogersville
Cameron **(Dry Ridge)**	**1st Call** **2nd Call** Dallas Stone Church Rich Hill West Finley Graysville Moris Township Limestone West Alexander Fork Ridge Rogersville	Rich Hill Limestone
Cameron **(Goshorn Ridge)**	**1st Call** **2nd Call** Fork Ridge Silver Hill Limestone Fish Creek Moundsville Sherard St. Joe Glen Dale Rich Hill Grandview	Rich Hill Roberts Ridge
Dallas	**1st Call** **2nd Call** Stone Church Cameron Claysville Sherrard West Finley Rich Hill West Alexander Graysville Limestone Fork Ridge	Tridelphia Big Wheeling Creek
Fish Creek	**1st Call** **2nd Call** St. Joe Sunset Heights Fork Ridge Spirit of 76 Moundsville Boggs Run Grandview Limestone Glen Dale Cameron	Moundsville and Grandview (Rines or Burch Ridge) **or** New Martinsville
Fork Ridge **(Tunnel Ridge to 250)**	**1st Call** **2nd Call** Moundsville Graysville Cameron Dallas Sherrard Glen Dale Limestone Fish Creek Rich Hill St. Joe	Mt. Olivet Roberts Ridge

Fork Ridge **(Moundsville to Tunnel Ridge)**	**1st Call** **2nd Call** Moundsville St. Joe Glen Dale Fish Creek Limestone Sunset Heights Cameron Spirit of 76 Boggs Run Dallas	Washington Lands Roberts Ridge
Glen Dale	**1st Call** **2nd Call** Moundsville Sunset Heights Sherrard Stone Church Boggs Run Spirit of 76 Limestone Cameron Fork Ridge Fish Creek	Benwood Washington Lands
Limestone **(Moundsville to Route 88)**	**1 st Call** **2nd Call** Moundsville Cameron Sherrard Fish Creek Fork Ridge Dallas Glen Dale Sunset Heights Boggs Run Stone Church	Mt. Olivet Washington Lands
Limestone **(Route 88 to Middle Grave Creek)**	**1st Call** **2nd Call** Cameron Boggs Run Fork Ridge Rich Hill Moundsville Graysville Sherrard Stone Church Dallas Glen Dale	Moundsville Rich Hill
McMechen	**1st Call** **2nd Call** Sunset Heights Fish Creek Moundsville West Liberty Spirit of 76 Dallas Sherrard Stone Church Limestone Fork Ridge	Bethlehem Washington Lands
Moundsville	**1st Call** **2nd Call** Glen Dale Sunset Heights Fork Ridge Stone Church Limestone Sherrard Fish Creek Cameron Boggs Run Spirit of 76	McMechen and Roberts Ridge (Big Grave Creek) **or** Limestone (Middle Grave Creek)

Mozart	**1st Call** **2nd Call** Sherrard Moundsville Boggs Run Dallas Stone Church Sunset Heights Glen Dale Spirit of 76 Limestone West Liberty	Wheeling Benwood
Mt. Olivet	**1st Call** **2nd Call** Moundsville West Alexander Boggs Run Dallas Glen Dale Spirit of 76 Limestone West Liberty Stone Church Sunset Heights	Benwood Wheeling
Roberts Ridge **(Roberts Ridge Road to Taylor's Ridge)**	**1st Call** **2nd Call** Moundsville St. Joe Glen Dale Cameron Fish Creek Boggs Run Limestone Spirit of 76 Fork Ridge Sunset Heights	Washington Lands Cameron
Roberts Ridge **(Taylor's Ridge to Glen Easton Ridge/Lynn Camp)**	**1st Call** **2nd Call** Moundsville Boggs Run Cameron Glen Dale St. Joe Grandview Fork Ridge Silver Hill Fish Creek Spirit of 76	Moundsville St. Joe
Sherrard	**1st Call** **2nd Call** Stone Church Cameron Glen Dale Sunset Heights Limestone West Alexander Moundsville Spirit of 76 Boggs Run Dallas	Mozart McMechen
St. Joe **(Burch Ridge or Rines Ridge)**	**1st Call** **2nd Call** Fish Creek Boggs Run Moundsville Limestone Grandview Fork Ridge Silver Hill Paden City Glen Dale Clairington	Washington Lands New Martinsville

St. Joe **(St. Joe Road to Lynn Camp)**	**1st Call** **2nd Call** Fish Creek Limestone Cameron Moundsville Grandview Glen Dale Silver Hill Rich Hill Fork Ridge Paden City	Grandview Roberts Ridge
Washington Lands	**1st Call** **2nd Call** Moundsville Boggs Run Glen Dale St. Joe Fish Creek Grandview Limestone Sunset Heights Fork Ridge Spirit of 76	McMechen New Martinsville