2021 ADBSS/AGFD COVID 19 Joint Project Safety Guidelines

Due to the ongoing threat of COVID 19, the 2021 ADBSS/AGFD project season will tentatively take place and be subject to several safety considerations outside of the normal project working conditions as having been experienced in the past.

- There will be no transport of passengers in helicopters
- Only materials and equipment will be transported via helicopter ‘long line’
- The most current CDC guidelines will be observed, including wearing face masks and social distancing (i.e., staying at least 6 feet away from others)
- Any person exhibiting the signs and symptoms of illness are expected to refrain from participating in these projects
- All applicable OSHA Construction Standards will be adhered to

To be as effective as possible with social distancing on the project sites, tasks will be broken-up into small teams to minimize contact. Because each site will vary in size, project design, and what tasks are required, workload at each site is subject to change. There are 5 project sites, all of which include several or all of the tasks below. Tasks include but are not limited to:

- Each project requires a tank pad/ hole (18’ x 24’, 18’ x 40’ or 12’ x 200’), trough pad/ hole (4’ x 9’ or 7’ x 10’) and a pipeline trench (12” x 20 - 40’long) to be excavated and leveled, either by hand or by a backhoe. For the sites that require hand digging, 3 people will use digging bars and/or picks to loosen the soil; 2 - 3 people will shovel the loosened soil into buckets or wheelbarrows, and 2 - 3 people will move the soil away from the pad/hole area (7 – 9 people). For the 2 projects that are backhoe accessible, a backhoe operator will excavate, while 2 people assist by checking grade levels and removing/smoothing debris from the final surface of the tank hole (2 - 3 people);
- After the tank pad/ hole and trough pad/ hole are completed, the water tanks and trough will be installed. 2 people will place rubber protective mats on or in the pads/holes that have been leveled and smoothed. Depending on the site, the tanks and trough will be placed on top of these mats either by helicopter or equipment. The sites requiring tank and trough placement by helicopter will require 2 AGFD personnel at the landing zone and 2 AGFD personnel at the project site. The final placement/adjustment of tanks and trough may require an additional 2 - 4 people because of the weight the tanks (6 - 8 people);
- To plumb the tanks and trough together, schedule 80 PVC pipe and parts will be used. This activity will require 2 people to be closer than 6’ apart, so following CDC guidelines concerning wearing masks will be critical to limit any possible COVID exposure. A 3rd person will be cutting the pipe into the proper lengths, but staying out of the immediate area being plumbed (3 people);
- Installing a rain collection apron, such as at AGFD # 464 ‘Cedar Mountain’ in GMU 12B, will be completed using hand and pneumatic tools. Steel support pipes will be set in 12” diameter x 24” deep holes on 10’ centers in and adjacent to the tank hole. 4 to 6 people will be doing this while
maintaining social distancing. Another 2 people will be cutting the support posts and setting them with 2 - 60# bags of concrete. After the support posts are set, 2 people can set and hold the 2” square tube support runners while another person welds them in place. 4 people can assemble the apron frame on top of the support runners, including 2 people putting the frame together and 2 people operating the screw guns fastening the frame studs and track parts together. 4 people will square and add support channel to the frame structure. The final step will be to have 2 people carry and set the R-panel sheets on the apron frame, while 2 people operate the screw guns fastening the sheets in place (4 – 6 people);

- 3 of the sites, such as AGFD # 944 “Peloncillo - Tule, AGFD # 1044 ‘Two Holer’ and AGFD # 1045 ‘Coati’, require the redevelopment of the collection point dams and installing grooved pipe feed lines going to the tanks. Installing pipe feedlines to the tanks will require support stanchion to be placed at approximately 10’ intervals. A 12” diameter x 18” deep hole will be excavated for each stanchion using hand and pneumatic tools. At a different location, 2 people will be constructing the pipe stanchions and setting them in the excavated holes to be set with concrete. After the stanchions have been set, the grooved pipe will be set in place and bolted together (2 - 4 people);

- Installing standard pipe rail fencing will occur at AGFD # 464. 2 people will be tasked with cutting posts and fence stays, and distributing them around the fence line. They will also distribute the bagged concrete and fence rail. 5 people will be responsible for excavating post holes 10”diameter x 18”deep on 10’ centers. 1 person will be operating the skid-steer loader using the auger to dig the hole, while the other 4 clean-out the holes to the proper diameter and depth. Then using two wheel barrows, those 4 people will mix concrete and set fence posts. After the concrete has set, 4 people will weld the fence rail in place. To do this, 2 people will set the rail with 1 person welding. The last person is a fire watch to ensure no fires are started (per AGFD Hot Works Policy D 4.9). With the exception of setting posts, everyone should be able to manage a minimum of six feet social distancing throughout this process (4 - 6 people);

- Rehabbing/re-contouring the site using hand tools: All dirt that has been excavated or disturbed unnaturally will need to be raked out and smoothed to match the original contour of the landscape. Some vegetation may need to be replanted or spread over disturbed areas to facilitate habitat recovery (2- 4 people).

AGFD SSDV Personnel will be responsible for setting the tasks to be completed, and making sure that teams are adhering to the COVID 19 Project Safety guidelines.

The 2021 project season will be challenging to get the projects done while keeping everyone safe. Please understand and respect the need to adhere to these safety guidelines so that all project participants go home safe, and can return for the next project! Thank you.