

## WATERING FACILITY

### Design and Construction Checklist

The following items must be addressed in the design folder for the Watering Facility where applicable:

#### Survey Record

1. Profiles between the water source and the proposed watering facility.
2. Sketch of water source (spring, pond or stream), facility location(s), and benchmark(s).

#### Design Data

The following is a list of minimum required design data:

1. Documented compliance with Pennsylvania One Call
2. Plan view map showing; location of all planned practices and components for the entire watering facility system.
3. Profile of all pipelines.
4. Difference in elevation between the inlet at the source to the overflow in the nearest trough.
5. Difference in elevation between facilities in series.
6. Type and dimensions of troughs.
7. Method of stabilizing the area around the watering facility

8. System capacity calculations
9. Quantity calculations and a cost estimate.
10. O&M Plan.
11. E&S Plan
12. Identify permit needs, where applicable.
13. Complete Section 6 of construction specification PA416

#### Construction Check Data

Verify and document the following where applicable:

1. Foundation preparation and conditions.
2. Type and size of facility; e.g. troughs and tanks
3. Pipe size(s) and type
4. Installation of material to stabilize the areas around the troughs.