

ITEM 610.1604 01 - WETLAND SEED MIX ESTABLISHMENT

DESCRIPTION

This work shall consist of ground preparation and establishing Wetland Seed Mix in accordance with the contract documents and as directed by the Engineer.

MATERIALS

As per Section 610-2.03 – Turf Establishment shall apply, except the seed mix shall be:

Name	Variety	Weight Pure Live Seed g / m ²	Percent by Weight
Annual Ryegrass (<i>Lolium multiflorum</i>)	Commercial	2.35 g / m ² (21 lb. /acre)	78
Red Top (<i>Agrostis alba</i>)	Commercial	0.11 g / m ² (1 lb. /acre)	4
Switchgrass (<i>Panicum virgatum</i>)	Commercial	0.06 g / m ² (0.5 lb. /acre)	2
Meadow Foxtail (<i>Alopecurus pratensis</i>)	Commercial	0.06 g / m ² (0.5 lb. /acre)	2
Soft Stem Bulrush (<i>Scirpus validus</i>)	Commercial	0.06 g / m ² (0.5 lb. /acre)	2
Fox Sedge (<i>Carex vulpinoidea</i>)	Commercial	0.03 g / m ² (0.25 lb. /acre)	1
Joe Pye Weed (<i>Eupatorium maculatus</i>)	Commercial	0.03 g / m ² (0.25 lb. /acre)	1
Boneset (<i>Eupatorium perfoliatum</i>)	Commercial	0.22 g / m ² (2 lb. /acre)	8
Blue Vervain (<i>Verbena hastata</i>)	Commercial	0.03 g / m ² (0.25 lb. /acre)	1
New York Ironweed (<i>Veronica noveboracensis</i>)	Commercial	0.03 g / m ² (0.25 lb. /acre)	1
Total pounds pure live seed per acre		2.98 g / m ² 26.5 lb./ acre	

CONSTRUCTION DETAILS

As per §610-3.03 – Turf Establishment with the following exceptions/qualifications:

- The Contractor shall apply the seed mix at the rate of 2.98 grams of Pure Live Seed (PLS) per square meter.

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- The mulch shall be straw.
- Wetland Seed Mix areas will be accepted when:
 - The area is free from thin or bare ground greater than three-hundred (300) millimeters in diameter;
 - at least 80 percent of the ground surface is covered with one or more of the specified species;
 - one or more of the specified species shall be an average minimum height of one-hundred twenty-five (125) millimeters; and
 - the species exhibit a health green color.

METHOD OF MEASUREMENT

The quantity to be measured for payment will be in square meters on slope to the nearest whole square meter of Wetland Seed Mix established.

BASIS OF PAYMENT

As per §610-5.03 – Turf Establishment

DISAPPROVED