

Wertheim NWR Water Management Demonstration Project Data Report
Vegetation Biomass Soil Core Samples
Area 3 (2003-2007)

Date	Area	Sample Location	Soil Core Length (cm)	Soil Core Weight (g)	Marsh Zone	Vegetation Description
2003						
10/14/2003	3	1-00	NS	15.1	HM	<i>Spartina patens</i> , <i>Scirpus pungens</i>
10/14/2003	3	1-80	NS	9.6	MIX	<i>S. patens</i> , <i>S. pungens</i> , <i>Phragmites australis</i>
10/14/2003	3	1-120	NS	43.7	MIX	<i>S. patens</i>
10/14/2003	3	1-160	NS	19.6	MIX	<i>S. patens</i> , <i>Spartina alterniflora</i>
10/14/2003	3	1-200	NS	18.8	MIX	<i>S. patens</i>
2004						
10/20/2004	3	1-00	NS	31.2	HM	<i>Distichlis spicata</i> , <i>S. patens</i> , <i>Pluchea purpurascens</i> , <i>Phragmites australis</i>
10/20/2004	3	1-80	NS	9.6	MIX	<i>D. spicata</i> , <i>S. pungens</i> , <i>Phragmites australis</i>
10/20/2004	3	1-120	NS	17.7	MIX	<i>S. patens</i>
10/20/2004	3	1-160	NS	27.9	MIX	<i>S. patens</i> , <i>D. spicata</i>
10/20/2004	3	1-200	NS	35.4	MIX	<i>S. patens</i> , <i>S. alterniflora</i>
2005						
10/20/2005	3	1-00	15	25.3	HM	<i>S. pungens</i> , <i>D. spicata</i> , <i>S. patens</i> , <i>Phragmites</i>
10/20/2005	3	1-80	20	28.9	PHRAG	<i>Phragmites</i> , <i>S. pungens</i> , <i>S. patens</i>
10/20/2005	3	1-120	18	24.5	MIX	<i>S. patens</i>
10/20/2005	3	1-160	17	37	HM	<i>S. patens</i> , <i>S. alterniflora</i>
10/20/2005	3	1-200	16	45.3	MIX	<i>S. patens</i>
2006						
10/11/2006	3	1-00	10	14.71	HM	<i>S. patens</i> , <i>Phragmites</i> , <i>S. pungens</i> , <i>S. sempervirens</i> , <i>Iva frutescens</i> , <i>Salicornia</i>
10/11/2006	3	1-80	21	15.63	PHRAG	<i>S. pungens</i> , <i>Phragmites</i> , <i>S. patens</i> , <i>Iva frutescens</i>
10/11/2006	3	1-120	24	38.62	MIX	<i>S. pungens</i> , <i>S. patens</i> , <i>Salicornia</i> , <i>Iva frutescens</i>
10/11/2006	3	1-160	14	26.78	MIX	<i>S. patens</i> , <i>S. alterniflora</i> , <i>Salicornia</i> , <i>Iva frutescens</i>
10/11/2006	3	1-200	25	35.8	MIX	<i>S. patens</i> , <i>S. alterniflora</i> , <i>Salicornia</i>
2007						
10/18/2007	3	1-00	6.0	46.09	HM	Dead <i>Phragmites</i> , <i>S. patens</i>
10/18/2007	3	1-80	8.0	29.96	PHRAG	<i>S. pungens</i> , <i>S. patens</i> , <i>S. alterniflora</i>
10/18/2007	3	1-120	5.0	28.47	MIX	<i>S. patens</i>
10/18/2007	3	1-160	6.0	28.48	MIX	<i>S. patens</i> , <i>S. alterniflora</i>
10/18/2007	3	1-200	7.0	33.73	MIX	<i>S. patens</i>

Notes: vegetation description listed in order of abundance

NS - not sampled

HM - high marsh vegetation

MIX - mix high marsh and low marsh vegetation

PHRAG - Phragmites dominated vegetative community