
Appendix H

Summary tables for line intercept vegetation transects at Miami Wetlands 2010,
2012, 2014 and 2016

Table H1. Line intercept data summary for pre-construction vegetation survey (2010).

	% Cover by Transect (Total Cover/Relative Cover)									Mean (Total/Relative)	SE (Total/Relative)
	A	B	C	D	E	F	G	H	I		
Open H ₂ O	0.7 / NA	3.3 / NA	2.3 / NA	2.6 / NA	5.9 / NA	8.9 / NA	15.1 / NA	5.3 / NA	0.0 / NA	4.9 / NA	1.6 / NA
Bare Ground	-	-	-	-	0.1 / NA	-	-	-	-	0.0 / NA	0.0 / NA
Bentgrass spp.	-	-	-	-	-	-	-	-	0.4 / 0.4	0.0 / 0.0	0.0 / 0.0
Red Alder	-	-	-	-	-	-	3.6 / 4.2	-	-	0.4 / 0.5	0.4 / 0.5
Pacific Silverweed	-	-	-	-	-	-	-	2.6 / 2.8	-	0.3 / 0.3	0.3 / 0.3
Lady Fern	-	-	-	-	-	-	-	-	2.4 / 2.4	0.3 / 0.3	0.3 / 0.3
Slender-foot Sedge	-	-	-	-	-	-	-	-	0.1 / 0.1	0.0 / 0.0	0.0 / 0.0
Slough Sedge	7.3 / 7.3	5.6 / 5.8	10.9 / 11.2	5.5 / 5.6	11.5 / 12.2	6.5 / 7.1	42.5 / 50.0	10.2 / 10.8	24.2 / 24.2	13.8 / 14.9	4.1 / 4.8
Water-starwort	-	-	-	-	-	-	-	0.6 / 0.6	-	0.1 / 0.1	0.1 / 0.1
Common Foxglove	-	-	0.6 / 0.6	-	-	-	-	-	-	0.1 / 0.1	0.1 / 0.1
Spikerush species	-	-	-	-	-	-	2.2 / 2.5	3.0 / 3.1	-	0.6 / 0.6	0.4 / 0.4
Watson Willowherb	-	-	-	-	-	-	-	-	0.2 / 0.2	0.0 / 0.0	0.0 / 0.0
Common Horsetail	-	-	-	-	-	-	-	-	0.2 / 0.2	0.0 / 0.0	0.0 / 0.0
Tall Fescue	-	-	-	-	6.4 / 6.8	18.0 / 19.8	-	-	-	2.7 / 2.9	2.0 / 2.2
Bedstraw	-	-	-	-	-	-	-	1.3 / 1.4	-	0.1 / 0.2	0.1 / 0.2
Touch-Me-Not species	-	-	-	-	-	-	-	-	1.9 / 1.9	0.2 / 0.2	0.2 / 0.2
Baltic Rush	-	-	-	-	2.0 / 2.1	-	-	-	-	0.2 / 0.2	0.2 / 0.2
Soft Rush	0.3 / 0.3	5.9 / 6.1	0.4 / 0.4	-	0.1 / 0.1	-	-	-	-	0.8 / 0.8	0.6 / 0.7
Lawn	-	-	-	-	-	-	-	-	4.4 / 4.4	0.5 / 0.5	0.5 / 0.5
Birdsfoot Trefoil	-	2.4 / 2.5	-	-	-	-	-	-	-	0.3 / 0.3	0.3 / 0.3
Black Twinberry	-	-	-	-	-	-	-	-	4.0 / 4.0	0.4 / 0.4	0.4 / 0.4
Skunk Cabbage	1.6 / 1.6	1.9 / 2.0	-	-	-	-	-	0.5 / 0.6	-	0.4 / 0.5	0.3 / 0.3
Reed Canarygrass	90.2 / 90.8	72.1 / 74.5	85.8 / 87.8	89.5 / 91.8	74.0 / 78.8	48.2 / 52.9	35.3 / 41.6	45.6 / 48.2	18.4 / 18.4	62.1 / 65.0	8.7 / 8.6
Rough Bluegrass	-	-	-	-	-	2.5 / 2.7	-	-	-	0.3 / 0.3	0.3 / 0.3
Creeping Buttercup	-	-	-	-	-	-	-	-	19.4 / 19.4	2.2 / 2.2	2.2 / 2.2
Blackberry species	-	6.7 / 6.9	-	2.5 / 2.5	-	-	-	3.0 / 3.2	19.3 / 19.3	3.5 / 3.5	2.1 / 2.1
Willow species	-	2.1 / 2.1	-	-	-	16.0 / 17.5	-	-	3.3 / 3.3	2.4 / 2.5	1.7 / 1.9
Red Elderberry	-	-	-	-	-	-	-	-	1.9 / 1.9	0.2 / 0.2	0.2 / 0.2
Small-fruited Bulrush	-	-	-	-	-	-	-	13.6 / 14.3	-	1.5 / 1.6	1.5 / 1.6
Cattail	-	-	-	-	-	-	-	14.3 / 15.1	-	1.6 / 1.7	1.6 / 1.7
Giant Vetch	-	-	-	-	-	-	1.4 / 1.7	-	-	0.2 / 0.2	0.2 / 0.2
Total Vegetation Cover for Transect	99.3%	96.7%	97.7%	97.4%	94.0%	91.1%	84.9%	94.7%	100.0%	95.1%	1.6%
Total Number of Dominant Species	4	7	4	3	5	5	5	10	14	6.3	1.2

Table H2. Line intercept data summary for first post-construction vegetation survey (2012).

	% Cover by Transect (Total Cover/Relative Cover)									Mean (Total/Relative)	SE (Total/Relative)
	A	B	C	D	E	F	G	H	I		
Open H ₂ O	4.1 / NA	2.2 / NA	1.3 / NA	8.2 / NA	7.9 / NA	8.0 / NA	15.3 / NA	17.6 / NA	-	7.2 / NA	2.0 / NA
Bare Ground	2.8 / NA	1.9 / NA	1.1 / NA	-	-	-	-	-	-	0.6 / NA	0.4 / NA
Red Alder	-	-	-	-	-	-	5.9 / 6.9	-	-	0.7 / 0.8	0.7 / 0.8
Lady Fern	-	-	-	-	-	-	-	0.8 / 0.9	-	0.1 / 0.1	0.1 / 0.1
Slough Sedge	9.4 / 10.1	2.6 / 2.7	3.0 / 3.0	2.3 / 2.5	9.4 / 10.2	11.2 / 12.1	45.0 / 53.2	21.0 / 25.5	17.6 / 17.6	13.5 / 15.2	4.5 / 5.4
Hedge Bindweed	-	-	-	-	-	0.2 / 0.3	-	-	-	0.0 / 0.0	0.0 / 0.0
Douglas Spirea	0.1 / 0.1	-	-	-	-	-	-	-	-	0.0 / 0.0	0.0 / 0.0
Spikerush species	-	-	-	-	-	-	3.2 / 3.7	-	-	0.4 / 0.4	0.4 / 0.4
Common Horsetail	-	-	-	-	-	-	-	-	6.7 / 6.7	0.7 / 0.7	0.7 / 0.7
Tall Fescue	-	-	-	-	12.1 / 13.1	2.0 / 2.2	-	-	-	1.6 / 1.7	1.3 / 1.4
Western Brome	-	-	0.4 / 0.4	-	-	-	-	-	-	0.0 / 0.0	0.0 / 0.0
Meadow Barley	-	11.1 / 11.6	11.3 / 11.6	5.8 / 6.3	8.9 / 9.7	-	-	-	-	4.1 / 4.3	1.7 / 1.8
Touch-Me-Not species	4.4 / 4.7	-	-	-	-	-	-	-	-	0.5 / 0.5	0.5 / 0.5
Baltic Rush	0.5 / 0.5	-	0.8 / 0.9	-	2.0 / 2.2	-	-	1.5 / 1.8	-	0.5 / 0.6	0.3 / 0.3
Soft Rush	5.1 / 5.5	3.5 / 3.6	5.2 / 5.4	5.5 / 6.0	2.7 / 2.9	-	-	3.6 / 4.3	-	2.8 / 3.1	0.8 / 0.8
Lawn	-	-	-	-	-	-	-	-	5.9 / 5.9	0.7 / 0.7	0.7 / 0.7
Birdsfoot Trefoil	-	-	-	2.6 / 2.8	3.7 / 4.0	-	-	-	-	0.7 / 0.8	0.5 / 0.5
Black Twinberry	0.1 / 0.1	0.8 / 0.8	0.3 / 0.3	-	-	-	-	-	6.7 / 6.7	0.9 / 0.9	0.7 / 0.7
Skunk Cabbage	3.1 / 3.3	-	-	-	-	-	-	-	1.5 / 1.5	0.5 / 0.5	0.4 / 0.4
Reed Canarygrass	67.0 / 71.9	77.4 / 80.7	74.0 / 75.8	72.9 / 79.4	52.3 / 56.8	55.6 / 60.4	29.3 / 34.6	45.6 / 55.4	49.8 / 49.8	58.2 / 62.7	5.3 / 5.2
Pacific Silverweed	-	-	-	-	-	5.7 / 6.2	-	-	-	0.6 / 0.7	0.6 / 0.7
Creeping Buttercup	-	-	-	-	-	-	-	-	0.5 / 0.5	0.1 / 0.1	0.1 / 0.1
Blackberry species	-	-	-	-	-	-	-	-	4.4 / 4.4	0.5 / 0.5	0.5 / 0.5
Willow species	1.9 / 2.1	0.4 / 0.4	0.3 / 0.3	-	-	17.3 / 18.8	-	-	2.2 / 2.2	2.5 / 2.6	1.9 / 2.0
Red Elderberry	-	-	-	-	-	-	-	-	1.3 / 1.3	0.1 / 0.1	0.1 / 0.1
Small-fruited Bulrush	1.6 / 1.7	0.1 / 0.2	1.4 / 1.4	2.8 / 3.1	0.8 / 0.8	-	-	8.3 / 10.0	3.5 / 3.5	2.1 / 2.3	0.9 / 1.1
Narrowleaf Burreed	-	-	0.4 / 0.4	-	-	-	-	-	-	0.0 / 0.0	0.0 / 0.0
Sitka Spruce	-	-	0.4 / 0.4	-	0.2 / 0.2	-	-	-	-	0.1 / 0.1	0.0 / 0.0
Giant Vetch	-	-	-	-	-	-	1.4 / 1.6	1.7 / 2.1	-	0.3 / 0.4	0.2 / 0.3
Total Vegetation Cover for Transect	93.2%	95.9%	97.6%	91.8%	92.1%	92.0%	84.7%	82.4%	100.0%	92.2%	1.9%
Total Number of Dominant Species	10	7	11	6	9	6	5	7	11	8.0	0.8

Table H3. Line intercept data summary for second post-construction vegetation survey (2014).

	% Cover by Transect (Total Cover/Relative Cover)									Mean (Total/Relative)	SE (Total/Relative)
	A	B	C	D	E	F	G	H	I		
Open H ₂ O	1.8 / NA	3.9 / NA	3.9 / NA	13.2 / NA	8.6 / NA	8.5 / NA	15.3 / NA	27.5 / NA	-	9.2 / NA	2.9 / NA
Bare Ground	-	-	-	-	-	-	4.5 / NA	-	-	0.5 / NA	0.5 / NA
Plant Litter	2.7 / NA	2.8 / NA	0.3 / NA	2.5 / NA	4.1 / NA	0.8 / NA	16.6 / NA	21.7 / NA	-	5.7 / NA	2.6 / NA
Sweet Vernal Grass	-	-	0.3 / 0.3	-	-	-	-	-	-	0.0 / 0.0	0.0 / 0.0
Red Alder	-	-	-	-	-	-	0.9 / 1.4	-	-	0.1 / 0.2	0.1 / 0.2
Lady Fern	-	-	-	-	-	-	2.2 / 3.5	1.1 / 2.2	1.0 / 1.0	0.5 / 0.7	0.3 / 0.4
Water-starwort	-	-	-	-	-	-	1.3 / 2.1	-	-	0.1 / 0.2	0.1 / 0.2
Slough Sedge	4.8 / 5.0	1.2 / 1.3	2.6 / 2.7	2.0 / 2.4	0.5 / 0.5	10.3 / 11.4	9.0 / 14.1	15.3 / 30.1	6.7 / 6.7	5.8 / 8.2	1.7 / 3.1
Canada Thistle	-	-	-	-	0.2 / 0.2	-	-	-	-	0.0 / 0.0	0.0 / 0.0
Red Osier Dogwood	-	-	0.2 / 0.2	0.3 / 0.3	0.3 / 0.3	-	-	-	-	0.1 / 0.1	0.0 / 0.0
Douglas Spirea	-	0.3 / 0.3	-	-	0.3 / 0.3	-	-	-	-	0.1 / 0.1	0.0 / 0.0
Spikerush species	-	-	0.1	0.3	-	-	1.8	-	-	0.2 / 0.4	0.2 / 0.3
Common Horsetail	-	-	-	-	-	-	-	-	1.0 / 1.0	0.1 / 0.1	0.1 / 0.1
Tall Fescue	-	-	-	-	5.4 / 6.1	2.0 / 2.2	-	-	-	0.8 / 0.9	0.6 / 0.7
Bedstraw	-	-	-	-	0.1 / 0.2	-	-	1.1 / 2.2	-	0.1 / 0.3	0.1 / 0.2
Cow Parsnip	-	-	0.3 / 0.3	-	-	-	0.4 / 0.7	-	-	0.1 / 0.1	0.1 / 0.1
Meadow Barley	-	-	0.2 / 0.2	-	2.4 / 2.7	-	-	-	-	0.3 / 0.3	0.3 / 0.3
Touch-Me-Not species	6.6 / 6.9	2.2 / 2.3	-	-	-	-	-	1.7 / 3.3	2.4 / 2.4	1.4 / 1.7	0.7 / 0.8
Arctic Rush	-	-	-	-	-	-	-	0.8 / 1.5	-	0.1 / 0.2	0.1 / 0.2
Baltic Rush	-	0.9 / 1.0	0.5 / 0.5	4.7 / 5.5	5.5 / 6.3	-	-	-	-	1.3 / 1.5	0.7 / 0.9
Soft Rush	11.7/12.3	1.5 / 1.6	1.1 / 1.1	1.0 / 1.2	1.0 / 1.2	1.8 / 2.0	-	-	-	2.0 / 2.2	1.2 / 1.3
Lawn	-	-	-	-	-	-	-	-	5.1 / 5.1	0.6 / 0.6	0.6 / 0.6
Birdsfoot Trefoil	-	1.5 / 1.6	0.4 / 0.4	0.4 / 0.5	0.7 / 0.8	-	-	0.8 / 1.5	-	0.4 / 0.5	0.2 / 0.2
Black Twinberry	-	-	0.6 / 0.7	1.8 / 2.1	1.0 / 1.1	-	8.1 / 12.7	-	6.1 / 6.1	2.0 / 2.5	1.0 / 1.4
Skunk Cabbage	2.3 / 2.4	-	-	-	-	-	-	-	-	0.3 / 0.3	0.3 / 0.3
Reed Canarygrass	64.6 / 67.7	82.8/88.8	78.6/82.0	71.7/85.1	60.3/69.1	49.3 / 54.4	19.1/30.0	20.0/39.4	44.6/44.6	54.6 / 62.3	7.8 / 7.1
Sitka Spruce	-	0.4 / 0.4	-	-	1.4 / 1.6	-	-	-	0.2 / 0.2	0.2 / 0.3	0.2 / 0.2
Pacific Silverweed	-	-	-	-	-	8.8 / 9.7	-	-	-	1.0 / 1.1	1.0 / 1.1
Kentucky Bluegrass	-	-	-	-	-	1.8 / 2.0	-	-	-	0.2 / 0.2	0.2 / 0.2
Blackberry species	-	-	-	-	-	-	-	-	12.9/12.9	1.4 / 1.4	1.4 / 1.4
Red Elderberry	-	-	-	-	-	-	-	-	2.3 / 2.3	0.3 / 0.3	0.3 / 0.3
Willow species	3.4 / 3.6	0.7 / 0.7	3.7 / 3.9	0.7 / 0.8	4.8 / 5.4	16.5 / 18.2	-	-	5.1 / 5.1	3.9 / 4.2	1.7 / 1.9
Small-fruited Bulrush	2.0 / 2.1	1.9 / 2.1	7.2 / 7.6	1.3 / 1.6	3.6 / 4.1	-	20.7/32.5	10.0/19.7	12.4/12.4	6.6 / 9.1	2.3 / 3.6
Total Cover for Transect	95.4%	93.2%	95.8%	84.3%	87.4%	90.7%	63.6%	50.8%	100.0%	84.6%	5.5%
Total Number of Dominant Species	7	10	13	10	15	7	9	8	12	10.1	0.9

Table H4. Line intercept data summary for second post-construction vegetation survey (2016).

2016	% Cover by Transect (Total Cover/Relative Cover)									Mean (Total/Relative)	SE (Total/Relative)
	A	B	C	D	E	F	G	H	I		
Open H ₂ O	2.9 / NA	2.2 / NA	3.5 / NA	11.7 / NA	8.1 / NA	7.2 / NA	6.7 / NA	12.9 / NA	0.0 / NA	6.1 / NA	1.5 / NA
Bare Ground	0.6 / NA	-	-	-	-	-	12.6 / NA	0.0 / NA	1.7 / NA	1.7 / NA	1.4 / NA
Pacific Silverweed	-	-	-	-	-	6.0 / 6.5	-	-	-	0.7 / 0.7	0.7 / 0.7
Red Alder	2.1 / 2.1	3.7 / 3.8	-	-	-	-	1.4 / 1.8	-	-	0.8 / 0.9	0.4 / 0.5
Lady Fern	-	0.2 / 0.2	-	-	-	-	1.3 / 1.7	2.2 / 2.5	6.4 / 6.5	1.1 / 1.2	0.7 / 0.7
Slough Sedge	11.8 / 12.2	3.3 / 3.3	6.2 / 6.4	2.9 / 3.3	3.3 / 3.6	13.5 / 14.5	11.2 / 13.9	17.5 / 20.1	7.1 / 7.2	8.5 / 9.4	1.7 / 2.0
Hedge Bindweed	-	-	-	-	-	-	-	1.7 / 1.9	-	0.2 / 0.2	0.2 / 0.2
Red-osier Dogwood	-	-	-	0.1 / 0.2	-	-	-	-	-	0.0 / 0.0	0.0 / 0.0
Orchardgrass	-	-	-	-	-	0.2 / 0.3	-	-	-	0.0 / 0.0	0.0 / 0.0
Tufted Hairgrass	-	-	0.3 / 0.3	-	-	-	-	-	-	0.0 / 0.0	0.0 / 0.0
Spikerush species	-	-	-	-	-	-	7.2 / 8.9	4.3 / 5.0	-	1.3 / 1.5	0.9 / 1.1
Tall Fescue	-	-	-	-	3.8 / 4.1	1.7 / 1.8	-	-	-	0.6 / 0.6	0.5 / 0.5
Touch-me-Not species	0.7 / 0.7	-	-	-	-	-	-	-	4.4 / 4.4	0.6 / 0.6	0.5 / 0.5
Arctic Rush	-	-	-	-	-	-	-	0.8 / 0.9	-	0.1 / 0.1	0.1 / 0.1
Baltic Rush	0.5 / 0.5	-	0.8 / 0.9	-	2.0 / 2.2	-	-	1.5 / 1.8	-	0.5 / 0.6	0.3 / 0.3
Soft Rush	15.1 / 15.7	1.1 / 1.2	2.6 / 2.7	3.8 / 4.3	3.9 / 4.3	0.3 / 0.4	-	1.1 / 1.3	-	3.1 / 3.3	1.6 / 1.6
Lawn	-	-	-	-	-	-	-	-	2.7 / 2.7	0.3 / 0.3	0.3 / 0.3
Birdsfoot Trefoil	-	0.2 / 0.2	-	-	4.4 / 4.8	1.8 / 2.0	-	-	-	0.7 / 0.8	0.5 / 0.6
Black Twinberry	-	1.2 / 1.3	2.3 / 2.4	4.7 / 5.4	3.7 / 4.0	-	9.0 / 11.1	6.0 / 6.9	-	3.0 / 3.5	1.0 / 1.3
Skunk Cabbage	2.3 / 2.3	-	-	-	-	-	-	-	-	0.3 / 0.3	0.3 / 0.3
Reed Canarygrass	53.3 / 55.2	72.5 / 74.1	72.6 / 75.2	60.0 / 68.0	53.8 / 58.6	45.3 / 48.8	31.0 / 38.5	22.3 / 25.6	46.2 / 47.0	50.8 / 54.6	5.7 / 5.5
Sitka Spruce	-	0.5 / 0.5	1.5 / 1.6	0.7 / 0.8	2.8 / 3.0	-	-	1.9 / 2.2	-	0.8 / 0.9	0.3 / 0.4
Western Sword Fern	-	-	-	-	-	-	3.1 / 3.8	-	-	0.3 / 0.4	0.3 / 0.4
Black Cottonwood	-	1.6 / 1.6	-	4.2 / 4.8	-	6.0 / 6.5	-	-	-	1.3 / 1.4	0.8 / 0.8
Cascara	-	-	-	1.3 / 1.5	-	-	-	3.4 / 3.9	2.7 / 2.7	0.8 / 0.9	0.4 / 0.5
Blackberry species	-	-	-	0.1 / 0.1	-	-	-	-	12.6 / 12.8	1.4 / 1.4	1.4 / 1.4
Red Elderberry	-	-	-	-	-	-	-	-	8.2 / 8.3	0.9 / 0.9	0.9 / 0.9
Willow species	6.4 / 6.7	5.0 / 5.1	4.7 / 4.9	-	6.0 / 6.6	18.2 / 19.6	2.4 / 3.0	1.7 / 1.9	7.7 / 7.8	5.8 / 6.2	1.8 / 1.9
Small-fruited Bulrush	5.2 / 5.4	7.1 / 7.2	4.8 / 4.9	6.9 / 7.9	4.5 / 4.9	-	13.9 / 17.3	17.5 / 20.1	-	6.7 / 7.5	1.9 / 2.3
Douglas Spirea	-	-	0.5 / 0.6	0.1 / 0.1	1.0 / 1.1	-	-	-	-	0.2 / 0.2	0.1 / 0.1
Piggy-back Plant	-	-	-	-	-	-	-	-	0.5 / 0.5	0.1 / 0.1	0.1 / 0.1
Giant Vetch	-	-	-	-	-	-	-	6.6 / 7.6	-	0.7 / 0.8	0.7 / 0.8
Total Vegetation Cover	96.50%	97.80%	96.50%	88.30%	91.90%	92.80%	80.70%	87.10%	98.30%	92.20%	2.00%
Total Number of Dominant Species	7	13	10	12	12	8	9	13	10	10.4	0.7

Appendix I

Line intercept data from 2010, 2012, 2014 and 2016 depicted as color-coded lines
overlaid on aerial photographs of the Miami Wetlands

Figure I1. Aerial photograph of Miami Wetlands Restoration Project site with segmented polylines depicting 2010 pre-construction line intercept data. Non-native or invasive species are depicted in shades of red, purple and orange, while native species are greens. 2009 base image.

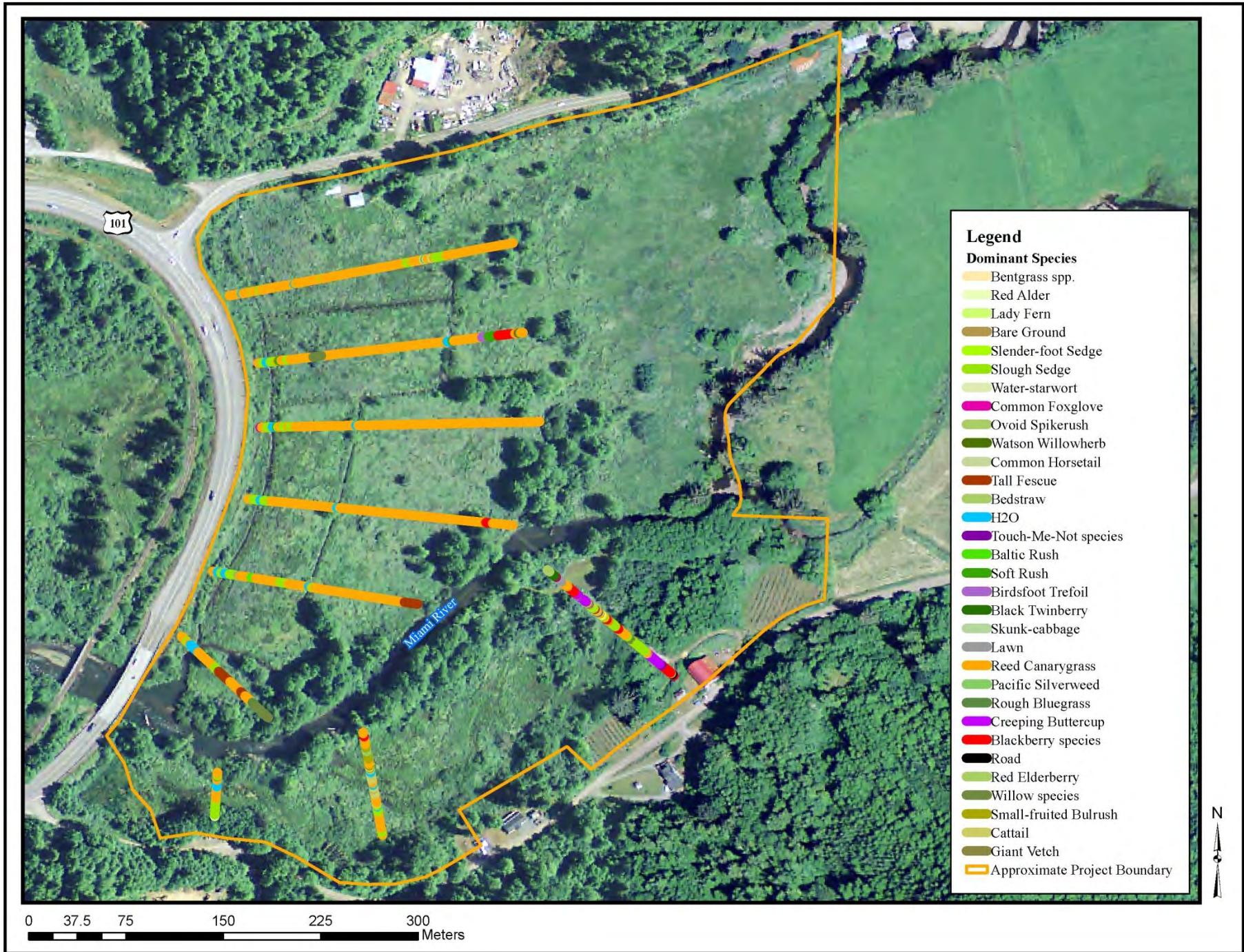


Figure I2. Aerial photograph of Miami Wetlands Restoration Project site with segmented polylines depicting 2012 post- construction line intercept data. Non-native or invasive species are depicted in shades of red, purple and orange, while native species are greens. 2012 base image.

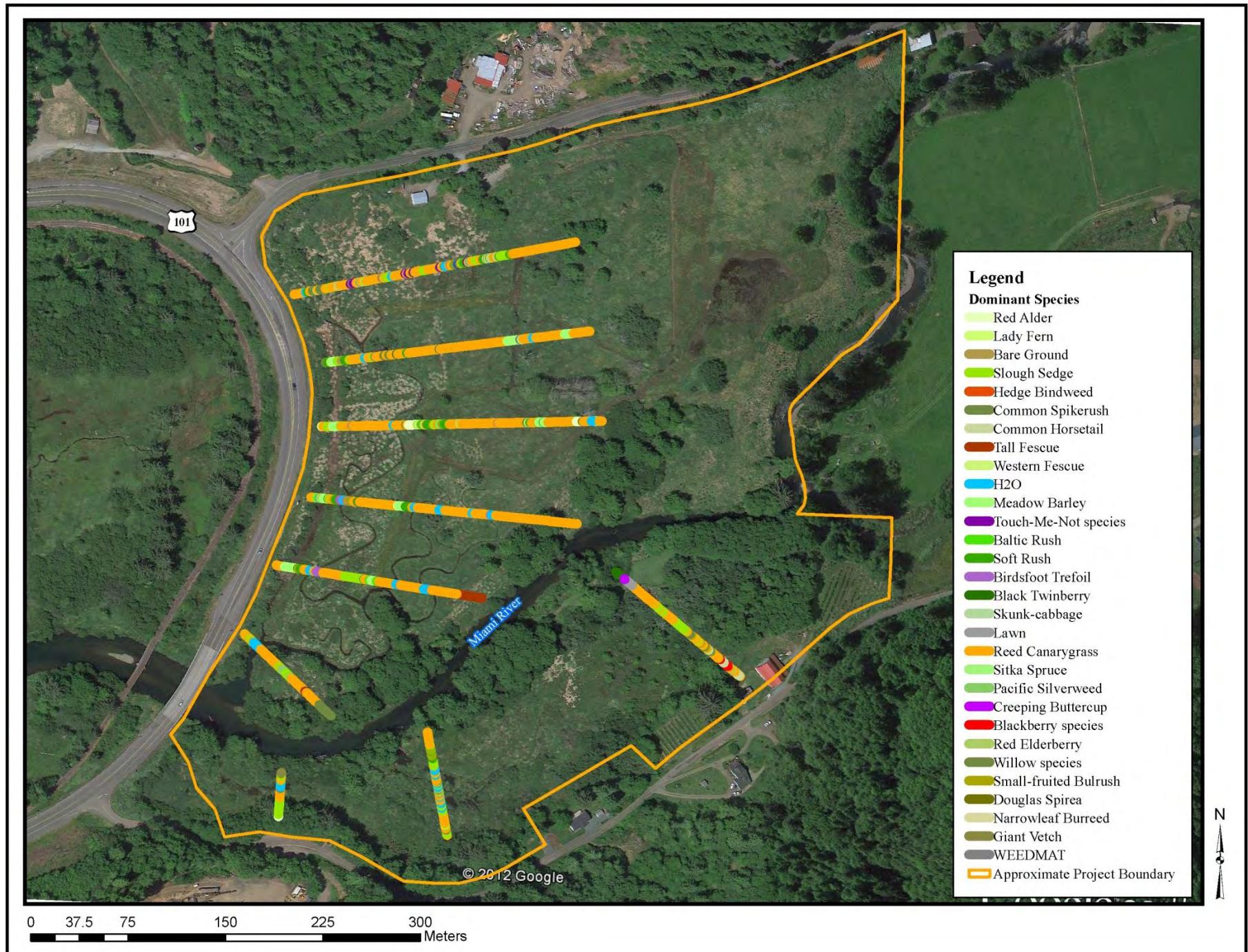


Figure I3. Aerial photograph of Miami Wetlands Restoration Project site with segmented polylines depicting 2014 post-construction line intercept data. Non-native or invasive species are depicted in shades of red, purple and orange, while native species are greens. 2014 base image.

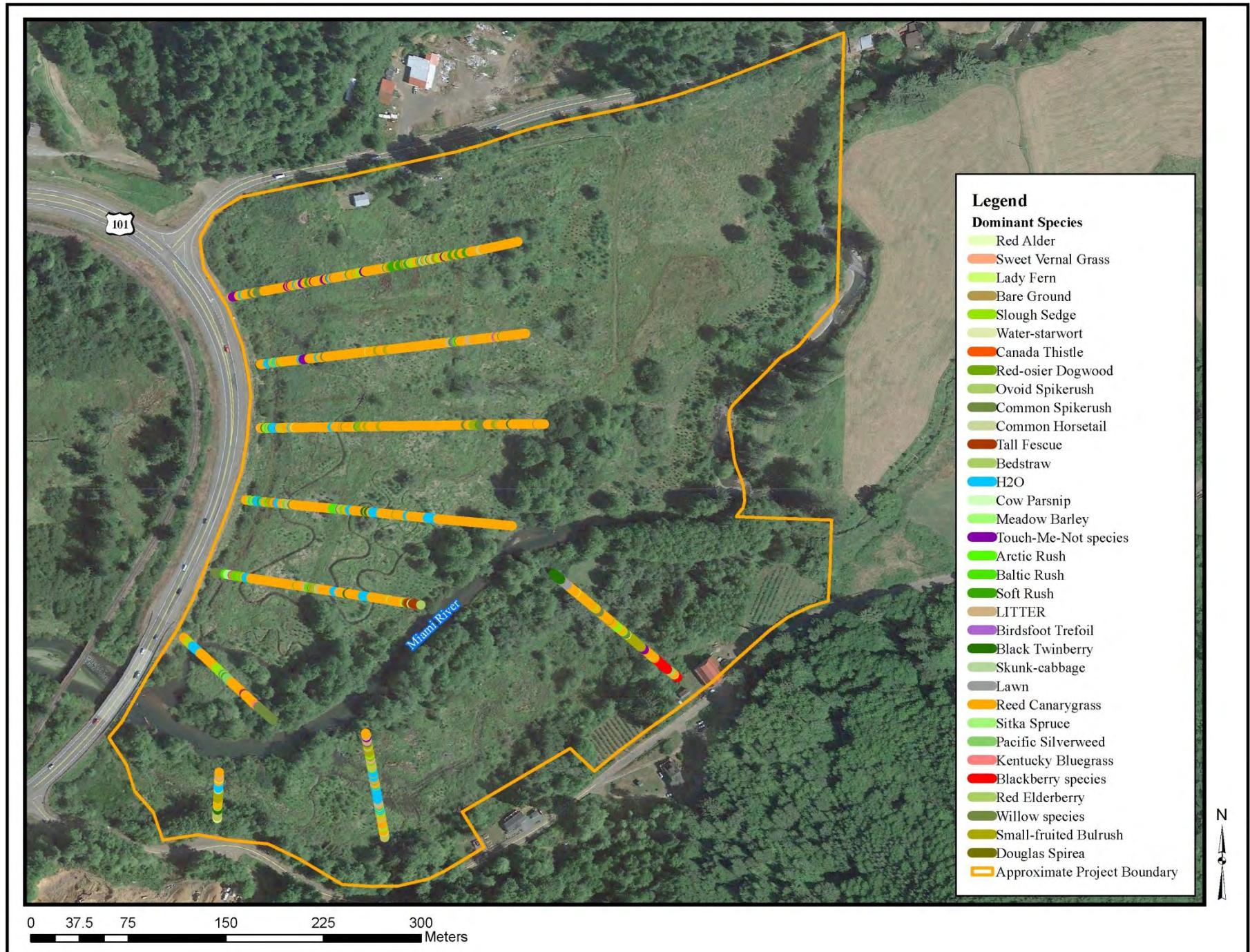
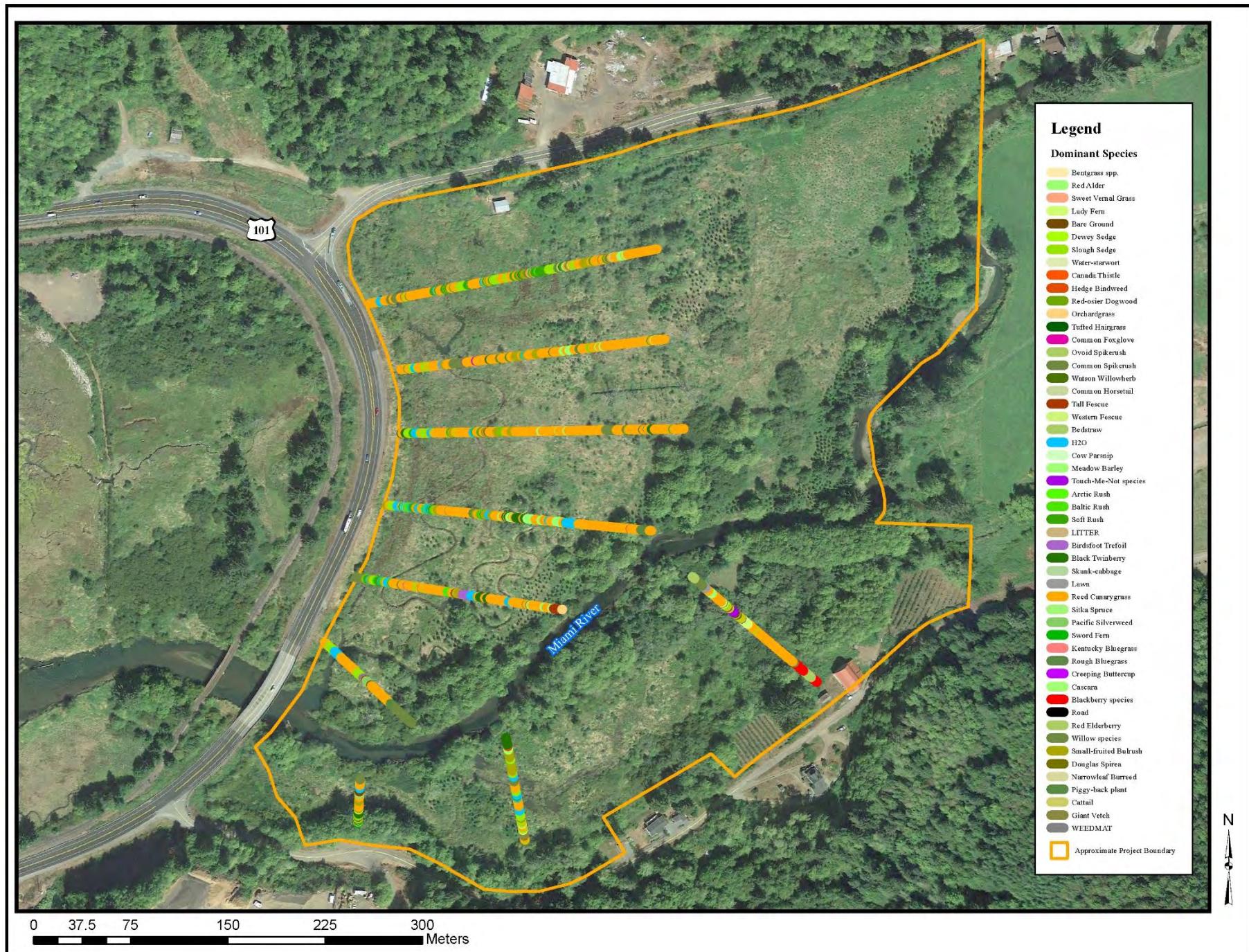


Figure I4. Aerial photograph of Miami Wetlands Restoration Project site with segmented polylines depicting 2016 post- construction line intercept data. Non-native or invasive species are depicted in shades of red, purple and orange, while native species are greens. 2016 base image.



Appendix J

Transect end point photos from June 2010 and 2016 vegetation sampling



Transect A – East to West June 15, 2010



Transect A – West to East June 15, 2010



Transect A – East to West June 13, 2016





Transect B – East to West June 15, 2010





Transect B – West to East June 15, 2010



Transect C – West to East June 15, 2010



Transect C – East to West June 15, 2010



Transect C – East to West June 13, 2016



Transect C – West to East June 13, 2016



Transect D – West to East June 15, 2010



Transect D – East to West

June 14, 2016



Transect D – West to East

June 14, 2016



Transect D – East to West June 15, 2010



Transect E – West to East June 16, 2010





Transect F – West to East June 16, 2010



Transect G – North to South June 14, 2010



Transect F – East to West

June 14, 2016



Transect F – West to East

June 14, 2016



Transect G – South to North June 14, 2010





Transect H – North to South June 14, 2010



Transect H – South to North June 14, 2010





Transect I – North to South June 14, 2010



Transect I – South to North June 14, 2010



Transect I – South to North

June 15, 2016