

PLANTING ZONE TABLE

Planting Zone	Elevation Range of Zone (ft NAVD88)	Scientific Name	Common Name	Life Form	Container plant size	Average Spacing (feet on-center)	Percent Fill	Number of Plants					
								Repair Sites (0.55 acres)	Bench (25.16 acres)	Berm (9.17 acres)	Valley Foothill Riparian (40.58 acres)	TOTAL	
Experimental Wetland (5.00 acres)	2.1 - 3.5	<i>Schoenoplectus acutus</i> var. <i>occidentalis</i>	common tule	perennial herb	TBD	TBD	TBD	--	TBD	--	--	TBD	
		<i>Schoenoplectus californicus</i>	southern bulrush	perennial herb	TBD	TBD	TBD	--	TBD	--	--	TBD	
		Total Experimental Wetland Container Herbaceous Plants						TBD	--	TBD	--	--	TBD
Wetland (14.01 acres)	3.5 - 5	<i>Schoenoplectus acutus</i> var. <i>occidentalis</i>	common tule	perennial herb	1 gallon	5	25%	12	5,624	1,319	--	6,955	
		<i>Schoenoplectus californicus</i>	southern bulrush	perennial herb	1 gallon	5	75%	36	16,871	3,957	--	20,864	
		Total Wetland Container Herbaceous Plants						100%	48	22,495	5,276	--	27,819
Lower Riparian (4.12 acres)	5 - 6.5	<i>Alnus rhombifolia</i>	white alder	tree	treeband	20	5%	-	12	10	--	22	
		<i>Baccharis salicifolia</i> subsp. <i>salicifolia</i>	mule fat	shrub	treepot 4 or treeband	12	15%	4	100	83	--	187	
		<i>Cephalanthus occidentalis</i>	California button willow	shrub	treeband	12	5%	1	33	28	--	62	
		<i>Cornus sericea</i> subsp. <i>sericea</i>	American dogwood	shrub	deepot 16	12	5%	1	33	28	--	62	
		<i>Salix exigua</i>	narrowleaf willow	shrub or small tree	cutting	12	15%	4	100	83	--	187	
		<i>Salix laevigata</i>	red willow	tree	cutting	20	15%	1	36	30	--	67	
		<i>Salix lasiandra</i> var. <i>lasiandra</i>	Pacific willow	shrub or small tree	cutting	20	10%	1	24	20	--	45	
		<i>Salix lasiolepis</i>	arroyo willow	shrub or small tree	cutting	20	10%	1	24	20	--	45	
		Total Lower Riparian Tree/Shrubs						80%	13	362	302	--	677
		<i>Artemisia douglasiana</i>	mugwort	perennial herb	plug	3	5%	19	535	443	--	997	
		<i>Carex barbarae</i>	Santa Barbara sedge	perennial herb	plug	6	5%	5	134	111	--	250	
		<i>Euthamia occidentalis</i>	western goldenrod	perennial herb	plug	3	2%	8	214	177	--	399	
		<i>Juncus balticus</i> subsp. <i>ater</i>	Baltic rush	perennial herb	plug	3	2%	8	214	177	--	399	
		<i>Juncus effusus</i> subsp. <i>pacificus</i>	Pacific rush	perennial herb	plug	3	2%	8	214	177	--	399	
		<i>Juncus xiphioides</i>	iris-leaved rush	perennial herb	plug	3	1%	4	107	89	--	200	
Total Lower Riparian Container Herbaceous Plants						17%	52	1,418	1,174	--	2,644		
Upper Riparian (28.52 acres)	6.5 - 9	<i>Acer negundo</i>	box elder	tree	treeband	20	5%	1	27	34	93	155	
		<i>Fraxinus latifolia</i>	Oregon ash	tree	deepot 16	20	5%	1	27	34	93	155	
		<i>Quercus lobata</i>	valley oak	tree	deepot 40	20	5%	1	27	34	93	155	
		<i>Platanus racemosa</i>	western sycamore	tree	deepot or treeband	30	5%	-	12	15	41	68	
		<i>Populus fremontii</i> subsp. <i>fremontii</i>	Fremont cottonwood	tree	cutting	20	10%	2	55	68	186	311	
		<i>Salix gooddingii</i>	Goodding's black willow	tree	cutting	20	10%	2	55	68	186	311	
		<i>Salix lasiolepis</i>	arroyo willow	shrub or small tree	cutting	20	5%	1	27	34	93	155	
		<i>Sambucus nigra</i> subsp. <i>caerulea</i>	blue elderberry	shrub or small tree	deepot	12	5%	2	76	95	258	431	
		<i>Rosa californica</i>	California rose	shrub	TB9	12	5%	1	27	34	93	155	
		<i>Rubus ursinus</i>	California blackberry	shrub/vine	TB9	12	5%	2	76	95	258	431	
		<i>Vitis californica</i>	California wild grape	shrub/vine	TB9	12	5%	2	76	95	258	431	
Total Upper Riparian Tree/Shrubs						65%	15	485	606	1,652	2,758		
Upland (23.81 acres)	> 9	<i>Baccharis pilularis</i>	coyote brush	shrub	deepot 16	12	20%	18	--	--	1,422	1,440	
		<i>Quercus wislizeni</i>	interior live oak	tree	deepot 40	20	20%	7	--	--	512	519	
		<i>Rosa californica</i>	California rose	shrub	TB9	12	5%	5	--	--	356	361	
		<i>Sambucus nigra</i> subsp. <i>caerulea</i>	blue elderberry	shrub or small tree	deepot	12	5%	5	--	--	356	361	
		Total Upland Tree/Shrubs						50%	35	--	--	2,646	2,681
<i>Grindelia camporum</i>	Great Valley gumweed	perennial herb	deepot 16	6	15%	54	--	--	4,267	4,321			
Total Upland Container Herbaceous Plants						15%	54	--	--	4,267	4,321		

LOWER RIPARIAN SEED MIX

Scientific Name	Common Name	Life Form	Seeding Rate (lbs/acre) mixed	Area of Planting Zone (acres)	Qty (lbs)
Graminoids					
<i>Elymus glaucus</i>	blue wild-rye	perennial grass	1.00	52.33	52.33
<i>Elymus triticoides</i>	beardless wild rye	perennial grass	1.13	52.33	58.87
<i>Poa secunda</i> subsp. <i>secunda</i>	one-sided blue grass	perennial grass	0.13	52.33	6.54
<i>Stipa pulchra</i>	purple needle grass	perennial grass	1.13	52.33	58.87
Herbaceous					
<i>Achillea millefolium</i>	yarrow	Annual herb	0.07	52.33	3.49
<i>Eschscholzia californica</i>	California poppy	Annual herb	0.5	52.33	26.17
<i>Lupinus bicolor</i>	miniature lupine	Annual herb	1	52.33	52.33

UPPER RIPARIAN & UPLAND SEED MIX

Scientific Name	Common Name	Life Form	Seeding Rate (lbs/acre) mixed	Area of Planting Zone (acres)	Qty (lbs)
Graminoids					
<i>Elymus glaucus</i>	blue wild-rye	perennial grass	1.00	52.33	52.33
<i>Elymus triticoides</i>	beardless wild rye	perennial grass	1.13	52.33	58.87
<i>Poa secunda</i> subsp. <i>secunda</i>	one-sided blue grass	perennial grass	0.13	52.33	6.54
<i>Stipa pulchra</i>	purple needle grass	perennial grass	1.13	52.33	58.87
Herbaceous					
<i>Achillea millefolium</i>	yarrow	Annual herb	0.07	52.33	3.49
<i>Eschscholzia californica</i>	California poppy	Annual herb	0.5	52.33	26.17
<i>Lupinus bicolor</i>	miniature lupine	Annual herb	1	52.33	52.33
TOTAL:					258.60



PROJECT NUMBER: 510.13
SCALE: AS NOTED
DATE: 8/8/2017

DESIGN: MK
DRAWN: CL
CHECKED: MK
APPROVED: ----

PLANTING & SEED MIX TABLES

PLOT DATE: 8/8/2017 PLOT STYLE: PLANTING.DWG LAST SAVED: 8/8/2017 PLOT DATE: 8/8/2017 PLOT STYLE: PLANTING.DWG IF BAR CODES NOT MEASURE, DRAWING IS NOT TO SCALE - ADJUST ACCORDINGLY