

East Area WA 2007 WHIP Cost List

Practice Code	Cost Share Program	Practice Name	Component	Unit Type	Unit Cost	Cost Type	Share Rate
322	WHIP	CHANNEL BANK VEGETATION	Damage Protection	No	1.35	AC	75
322	WHIP	CHANNEL BANK VEGETATION	Site Prep, Seed and Seeding	Ac	325	AC	75
322	WHIP	CHANNEL BANK VEGETATION	Tree/shrub, planted	No	2	AC	75
322	WHIP	CHANNEL BANK VEGETATION	Tree/shrub, planted (potted, balled, stinger/ripper planting)	No	5	AC	75
322	WHIP	CHANNEL BANK VEGETATION	Tree/shrub, planted, unrooted cuttings	No	1	AC	75
327	WHIP	CONSERVATION COVER	Seedbed Preparation, Seed and Seeding (eastside)	Ac	162	AC	75
342	WHIP	CRITICAL AREA PLANTING	Grading and Shaping	Ac	127	AC	75
342	WHIP	CRITICAL AREA PLANTING	Plugs and Planting, Native herbaceous species	No	1.50	AC	75
342	WHIP	CRITICAL AREA PLANTING	Site Prep, Seed and Seeding	Ac	325	AC	75
382	WHIP	FENCE	Cattle Guard	No	4000	AC	75
382	WHIP	FENCE	Electric charger for fence	No	300	AC	75
382	WHIP	FENCE	Fence, Corral (includes gates)	Ft	11	AC	75
382	WHIP	FENCE	Fence - Includes gates	Ft	3.50	AC	75
382	WHIP	FENCE	Fence, Installation, wet/rocky or steep terrain, additional	Ft	1	AC	75
384	WHIP	FOREST SLASH TREATMENT	Woody debris treatment, off-site	Ac	300	AC	75
384	WHIP	FOREST SLASH TREATMENT	Woody debris treatment, on-site	Ac	160	AC	75
386	WHIP	FIELD BORDER	Seedbed Preparation, Seed and Seeding (eastside)	Ac	162	AC	75
390	WHIP	RIPARIAN HERBACEOUS COVER	Site Prep, Seed and Seeding	Ac	325	AC	75
391	WHIP	RIPARIAN FOREST BUFFER	Site Prep, Seed and Seeding	Ac	325	AC	75
391	WHIP	RIPARIAN FOREST BUFFER	Damage Protection	No	1.35	AC	75
391	WHIP	RIPARIAN FOREST BUFFER	Oregon White Oak, establishment or release & protection	No	15	AC	75
391	WHIP	RIPARIAN FOREST BUFFER	Tree/shrub, planted	No	2	AC	75
391	WHIP	RIPARIAN FOREST BUFFER	Tree/shrub, planted (potted, balled, stinger/ripper planting)	No	5	AC	75
391	WHIP	RIPARIAN FOREST BUFFER	Tree/shrub, planted, unrooted cuttings	No	1	AC	75
395	WHIP	STREAM HABITAT IMPROVEMENT AND MANAGEMENT	Earthmoving - Earth fill local and/or excavation	CY	4	AC	75
395	WHIP	STREAM HABITAT IMPROVEMENT AND MANAGEMENT	Geotextile Fabric	Sq Ft	0.36	AC	75
395	WHIP	STREAM HABITAT IMPROVEMENT AND MANAGEMENT	Gravel, Washed, Placed	CY	44	AC	75
395	WHIP	STREAM HABITAT IMPROVEMENT AND MANAGEMENT	Rock, Placed	Ton	52	AC	75
395	WHIP	STREAM HABITAT IMPROVEMENT AND MANAGEMENT	Large wood or root wad and placement	No	1000	AC	75
396	WHIP	FISH PASSAGE	Bridge, railcar, PE Certified	Ft	1100	AC	75
396	WHIP	FISH PASSAGE	Bridge, modular or precast (lineal foot of span)	Ft	1700	AC	75
396	WHIP	FISH PASSAGE	Culvert, Arched, Multi-plate bottomless, w/footings, Installed	Ft-Ft	85	AC	75
396	WHIP	FISH PASSAGE	Culvert, CPM Round or Equivalent	D-In/Ft	1.70	AC	75
396	WHIP	FISH PASSAGE	Earth fill, Import and/or compacted	CY	10	AC	75
396	WHIP	FISH PASSAGE	Earthmoving - Earth fill local and/or excavation	CY	4	AC	75
396	WHIP	FISH PASSAGE	Gravel, Washed, Placed	CY	44	AC	75
396	WHIP	FISH PASSAGE	Log Structure, complete and installed	No	5000	AC	75
396	WHIP	FISH PASSAGE	Rock, Placed	Ton	52	AC	75
396	WHIP	FISH PASSAGE	Utility vaults (Vertical bays for elevation gain)	No	7000	AC	75
396	WHIP	FISH PASSAGE	Removal of Structures (no replacement structure)	No	2500	AC	75
422	WHIP	HEDGEROW PLANTING	Damage Protection	No	1.35	AC	75
422	WHIP	HEDGEROW PLANTING	Tree/shrub, planted	No	2	AC	75

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430DD	WHIP	IRRIGATION WATER CONVEYANCE, PIPELINE, HIGH-PRESSURE, UNDERGROUND, PLASTIC	Horizontal Boring Under Road	Ft	100	AC	75
430DD	WHIP	IRRIGATION WATER CONVEYANCE, PIPELINE, HIGH-PRESSURE, UNDERGROUND, PLASTIC	Installation, Rocky terrain or deep trenches, additional	Ft	4.50	AC	75
430DD	WHIP	IRRIGATION WATER CONVEYANCE, PIPELINE, HIGH-PRESSURE, UNDERGROUND, PLASTIC	Pipeline, Plastic (includes trenching)	D-In/Ft	1.50	AC	75
430DD	WHIP	IRRIGATION WATER CONVEYANCE, PIPELINE, HIGH-PRESSURE, UNDERGROUND, PLASTIC	Pipeline, PVC	Lbs	1.15	AC	75
430DD	WHIP	IRRIGATION WATER CONVEYANCE, PIPELINE, HIGH-PRESSURE, UNDERGROUND, PLASTIC	Pipeline, HDPE	Lbs	1.70	AC	75
430DD	WHIP	IRRIGATION WATER CONVEYANCE, PIPELINE, HIGH-PRESSURE, UNDERGROUND, PLASTIC	Trenching for installation	Ft	1.50	AC	75
430EE	WHIP	IRRIGATION WATER CONVEYANCE, PIPELINE, LOW-PRESSURE, UNDERGROUND, PLASTIC	Installation, Rocky terrain or deep trenches, additional	Ft	4.50	AC	75
430EE	WHIP	IRRIGATION WATER CONVEYANCE, PIPELINE, LOW-PRESSURE, UNDERGROUND, PLASTIC	Pipeline, Plastic (includes trenching)	D-In/Ft	1.50	AC	75
430EE	WHIP	IRRIGATION WATER CONVEYANCE, PIPELINE, LOW-PRESSURE, UNDERGROUND, PLASTIC	Pipeline, PVC	Lbs	1.15	AC	75
430EE	WHIP	IRRIGATION WATER CONVEYANCE, PIPELINE, LOW-PRESSURE, UNDERGROUND, PLASTIC	Pipeline, HDPE	Lbs	1.70	AC	75
430EE	WHIP	IRRIGATION WATER CONVEYANCE, PIPELINE, LOW-PRESSURE, UNDERGROUND, PLASTIC	Trenching for installation	Ft	1.50	AC	75
441	WHIP	IRRIGATION SYSTEM, MICROIRRIGATION	Irrigation System, Microirrigation	Ac	1300	AC	75
484	WHIP	MULCHING	Mulch, Fabric	Sq Yd	2.40	AC	75
484	WHIP	MULCHING	Mulch, Hydro	Ac	1200	AC	75
484	WHIP	MULCHING	Mulch, Straw	Ac	50	AC	75
490	WHIP	FOREST SITE PREPARATION	Vegetation control, chemical or hand scalp	Ac	150	AC	75
490	WHIP	FOREST SITE PREPARATION	Vegetation control, woody, mechanical or hand slash	Ac	250	AC	75
490	WHIP	FOREST SITE PREPARATION	Vegetation control, herbaceous, tillage or mowing	Ac	120	AC	75
516	WHIP	PIPELINE	Pipeline, Plastic, installed	Ft	3	AC	75
516	WHIP	PIPELINE	Pipeline, Steel, installed	Ft	5	AC	75
516	WHIP	PIPELINE	Pipeline Installation, Rocky terrain or deep trenches, additional	Ft	1.50	AC	75
533	WHIP	PUMPING PLANT	Pump, (<20 gpm)	No	5000	AC	75
533	WHIP	PUMPING PLANT	Pump, (<250 gpm)	No	9000	AC	75
533	WHIP	PUMPING PLANT	Pump, Hydraulic Ram, 1-2 inches diameter discharge	No	575	AC	75
533	WHIP	PUMPING PLANT	Pump, Solar pump and panel	No	4000	AC	75
580	WHIP	STREAMBANK AND SHORELINE PROTECTION	Brush Layers/Mattress	Sq Ft	1.50	AC	75
580	WHIP	STREAMBANK AND SHORELINE PROTECTION	Earth fill, Import and/or compacted	CY	10	AC	75
580	WHIP	STREAMBANK AND SHORELINE PROTECTION	Earthmoving - Earth fill local and/or excavation	CY	4	AC	75
580	WHIP	STREAMBANK AND SHORELINE PROTECTION	Ecology Block 2x2x4 or 6	No	65	AC	75
580	WHIP	STREAMBANK AND SHORELINE PROTECTION	Fachines	Ft	6	AC	75
580	WHIP	STREAMBANK AND SHORELINE PROTECTION	Geotextile Fabric	Sq Ft	0.36	AC	75
580	WHIP	STREAMBANK AND SHORELINE PROTECTION	Grading and Shaping	Ac	127	AC	75
580	WHIP	STREAMBANK AND SHORELINE PROTECTION	Log Structure, complete and installed	No	5000	AC	75
580	WHIP	STREAMBANK AND SHORELINE PROTECTION	Rock, Placed	Ton	52	AC	75
580	WHIP	STREAMBANK AND SHORELINE PROTECTION	Large wood or root wad and placement	No	1000	AC	75
580	WHIP	STREAMBANK AND SHORELINE PROTECTION	Tree Revetments, total linear footage of all rows	LF	10	AC	75
582	WHIP	OPEN CHANNEL	Earthmoving - Earth fill local and/or excavation	CY	4	AC	75
582	WHIP	OPEN CHANNEL	Earth fill, Import and/or compacted	CY	10	AC	75
584	WHIP	CHANNEL STABILIZATION	Earth fill, Import and/or compacted	CY	10	AC	75
584	WHIP	CHANNEL STABILIZATION	Earthmoving - Earth fill local and/or excavation	CY	4	AC	75
584	WHIP	CHANNEL STABILIZATION	Ecology Block 2x2x4 or 6	No	65	AC	75
584	WHIP	CHANNEL STABILIZATION	Geotextile Fabric	Sq Ft	0.36	AC	75

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584	WHIP	CHANNEL STABILIZATION	Gravel	CY	22	AC	75
584	WHIP	CHANNEL STABILIZATION	Log Structure, complete and installed	No	5000	AC	75
584	WHIP	CHANNEL STABILIZATION	Rock, Placed	Ton	52	AC	75
587	WHIP	STRUCTURE FOR WATER CONTROL	Concrete Structure < 3.5 cfs water control/weed screen	No	2500	AC	75
587	WHIP	STRUCTURE FOR WATER CONTROL	Concrete Structure 3.6-5 cfs water control/weed screen	No	5000	AC	75
587	WHIP	STRUCTURE FOR WATER CONTROL	Concrete Structure > 5 cfs water control/weed screen	No	12500	AC	75
587	WHIP	STRUCTURE FOR WATER CONTROL	Fish Screens (< 3 cfs)	No	7500	AC	75
587	WHIP	STRUCTURE FOR WATER CONTROL	Fish Screens (3-6 cfs)	No	20000	AC	75
587	WHIP	STRUCTURE FOR WATER CONTROL	Fish Screens (> 7 cfs)	No	90000	AC	75
587	WHIP	STRUCTURE FOR WATER CONTROL	Log Structure, complete and installed	No	5000	AC	75
587	WHIP	STRUCTURE FOR WATER CONTROL	Metal Structure, < 3.5 cfs water control/weed screen	No	3500	AC	75
587	WHIP	STRUCTURE FOR WATER CONTROL	Metal Structure, > 3.6 cfs water control/weed screen	No	4600	AC	75
587	WHIP	STRUCTURE FOR WATER CONTROL	Metal Structure, Head Control	No	750	AC	75
587	WHIP	STRUCTURE FOR WATER CONTROL	Rock, Placed	Ton	52	AC	75
612	WHIP	TREE/SHRUB ESTABLISHMENT	Damage Protection	No	1.35	AC	75
612	WHIP	TREE/SHRUB ESTABLISHMENT	Trees and Planting (Reforestation)	No	1	AC	75
612	WHIP	TREE/SHRUB ESTABLISHMENT	Tree/shrub, planted	No	2	AC	75
612	WHIP	TREE/SHRUB ESTABLISHMENT	Tree/shrub, planted (potted, balled, stinger/ripper planting)	No	5	AC	75
612	WHIP	TREE/SHRUB ESTABLISHMENT	Oregon White Oak, establishment or release & protection	No	15	AC	75
612	WHIP	TREE/SHRUB ESTABLISHMENT	Tree/shrub, planted, unrooted cuttings	No	1	AC	75
614	WHIP	WATERING FACILITY	Nose Pump or other Automatic Water device	No	575	AC	75
614	WHIP	WATERING FACILITY	Tank or Trough	Gal	3	AC	75
614	WHIP	WATERING FACILITY	Trough, Insulated	No	1800	AC	75
642	WHIP	WATER WELL	Well	D-In/Ft	12.50	AC	75
642	WHIP	WATER WELL	Well, recommissioning existing well	Ft	20	AC	75
643	WHIP	RESTORATION & MGMT. OF DECLINING HABITATS	Damage Protection	No	1.35	AC	75
643	WHIP	RESTORATION & MGMT. OF DECLINING HABITATS	Plugs and Planting, Native herbaceous species	No	1.50	AC	75
643	WHIP	RESTORATION & MGMT. OF DECLINING HABITATS	Oregon White Oak, establishment or release & protection	No	15	AC	75
643	WHIP	RESTORATION & MGMT. OF DECLINING HABITATS	Seedbed Preparation, Seed and Seeding (eastside)	Ac	162	AC	75
643	WHIP	RESTORATION & MGMT. OF DECLINING HABITATS	Tree/shrub, planted	No	2	AC	75
643	WHIP	RESTORATION & MGMT. OF DECLINING HABITATS	Tree/shrub, planted (potted, balled, stinger/ripper planting)	No	5	AC	75
643	WHIP	RESTORATION & MGMT. OF DECLINING HABITATS	Tree/shrub, planted, unrooted cuttings	No	1	AC	75
643	WHIP	RESTORATION & MGMT. OF DECLINING HABITATS	Vegetation control, chemical or hand scalp	Ac	150	AC	75
643	WHIP	RESTORATION & MGMT. OF DECLINING HABITATS	Vegetation control, hand treatment of individual clumps	Ac	450	AC	75
643	WHIP	RESTORATION & MGMT. OF DECLINING HABITATS	Vegetation control, conifer removal, dense or large dia.	Ac	4000	AC	75
643	WHIP	RESTORATION & MGMT. OF DECLINING HABITATS	Vegetation control, woody, mechanical or hand slash	Ac	250	AC	75
643	WHIP	RESTORATION & MGMT. OF DECLINING HABITATS	Vegetation control, conifer removal, light density or small dia.	Ac	2000	AC	75
643	WHIP	RESTORATION & MGMT. OF DECLINING HABITATS	Vegetation control, herbaceous, tillage or mowing	Ac	120	AC	75
644	WHIP	WETLAND WILDLIFE HABITAT MANAGEMENT	Site Prep, Seed and Seeding, Wetland Species	Ac	325	AC	75
644	WHIP	WETLAND WILDLIFE HABITAT MANAGEMENT	Plugs and Planting, Native herbaceous species	No	1.50	AC	75
645	WHIP	UPLAND WILDLIFE HABITAT MANAGEMENT	Brush Pile, materials imported	No	210	AC	75
645	WHIP	UPLAND WILDLIFE HABITAT MANAGEMENT	Brush Pile, materials on-site	No	95	AC	75

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645	WHIP	UPLAND WILDLIFE HABITAT MANAGEMENT	Earthmoving - Earth fill local and/or excavation	CY	4	AC	75
645	WHIP	UPLAND WILDLIFE HABITAT MANAGEMENT	Plugs and Planting, Native herbaceous species	No	1.50	AC	75
645	WHIP	UPLAND WILDLIFE HABITAT MANAGEMENT	Raptor Perch Pole/Roost Pole	No	200	AC	75
645	WHIP	UPLAND WILDLIFE HABITAT MANAGEMENT	Seedbed Preparation, Seed and Seeding (eastside)	Ac	162	AC	75
645	WHIP	UPLAND WILDLIFE HABITAT MANAGEMENT	Snag Creation/Retention	No	40	AC	75
645	WHIP	UPLAND WILDLIFE HABITAT MANAGEMENT	Nest Structure	No	50	AC	75
645	WHIP	UPLAND WILDLIFE HABITAT MANAGEMENT	Vegetation control, chemical or hand scalp	Ac	150	AC	75
645	WHIP	UPLAND WILDLIFE HABITAT MANAGEMENT	Vegetation control, hand treatment of individual clumps	Ac	450	AC	75
645	WHIP	UPLAND WILDLIFE HABITAT MANAGEMENT	Vegetation control, conifer removal, dense or large dia.	Ac	4000	AC	75
645	WHIP	UPLAND WILDLIFE HABITAT MANAGEMENT	Vegetation control, woody, mechanical or hand slash	Ac	250	AC	75
645	WHIP	UPLAND WILDLIFE HABITAT MANAGEMENT	Vegetation control, conifer removal, light density or small dia.	Ac	2000	AC	75
645	WHIP	UPLAND WILDLIFE HABITAT MANAGEMENT	Vegetation control, herbaceous, tillage or mowing	Ac	120	AC	75
657	WHIP	WETLAND RESTORATION	Concrete, Reinforced, Formed	CY	425	AC	75
657	WHIP	WETLAND RESTORATION	Ditch Plugging	No	250	AC	75
657	WHIP	WETLAND RESTORATION	Earth fill, Import and/or compacted	CY	10	AC	75
657	WHIP	WETLAND RESTORATION	Earthmoving - Earth fill local and/or excavation	CY	4	AC	75
657	WHIP	WETLAND RESTORATION	Fence Removal	Ft	1	AC	75
657	WHIP	WETLAND RESTORATION	Grading and Shaping	Ac	127	AC	75
657	WHIP	WETLAND RESTORATION	Land De-leveling/sod stripping	Ac	1000	AC	75
657	WHIP	WETLAND RESTORATION	Rock, Placed	Ton	52	AC	75
657	WHIP	WETLAND RESTORATION	Seedbed Preparation, Seed and Seeding (eastside)	Ac	162	AC	75
657	WHIP	WETLAND RESTORATION	Site Prep, Seed and Seeding, Wetland Species	Ac	325	AC	75
657	WHIP	WETLAND RESTORATION	Plugs and Planting, Native herbaceous species	No	1.50	AC	75
657	WHIP	WETLAND RESTORATION	Large wood or root wad and placement	No	1000	AC	75
657	WHIP	WETLAND RESTORATION	Tile Decommissioning	Ft	3	AC	75
659	WHIP	WETLAND ENHANCEMENT	Large wood or root wad and placement	No	1000	AC	75
659	WHIP	WETLAND ENHANCEMENT	Concrete, Reinforced, Formed	CY	425	AC	75
659	WHIP	WETLAND ENHANCEMENT	Earth fill, Import and/or compacted	CY	10	AC	75
659	WHIP	WETLAND ENHANCEMENT	Earthmoving - Earth fill local and/or excavation	CY	4	AC	75
659	WHIP	WETLAND ENHANCEMENT	Land De-leveling/sod stripping	Ac	1000	AC	75
659	WHIP	WETLAND ENHANCEMENT	Rock, Placed	Ton	52	AC	75
659	WHIP	WETLAND ENHANCEMENT	Seedbed Preparation, Seed and Seeding (eastside)	Ac	162	AC	75
659	WHIP	WETLAND ENHANCEMENT	Site Prep, Seed and Seeding, Wetland Species	Ac	325	AC	75
659	WHIP	WETLAND ENHANCEMENT	Plugs and Planting, Native herbaceous species	No	1.50	AC	75
666	WHIP	FOREST STAND IMPROVEMENT	Thinning	Ac	150	AC	75
666	WHIP	FOREST STAND IMPROVEMENT	Vegetation control, chemical or hand scalp	Ac	150	AC	75
666	WHIP	FOREST STAND IMPROVEMENT	Vegetation control, woody, mechanical or hand slash	Ac	250	AC	75
910	WHIP	TA PLANNING	TA Planning	No	0	AM	100
911	WHIP	TA DESIGN	TA Design	No	0	AM	100
912	WHIP	TA APPLICATION	TA Application	No	0	AM	100
913	WHIP	TA CHECK-OUT	TA Check-out	No	0	AM	100