

Table 2. Estimated USACE Jurisdiction Disturbance Per Activity Type

Type of Activity	Estimated Typical USACE Jurisdictional Disturbance Per Project	Estimated Typical Jurisdictional Sites Per Year	Annual Disturbance Estimate	5-Year Program Disturbance Estimate
Culvert repair/replacement	120 SF	25	3,000 SF	15,000 SF
	10 CY		250 CY	1,250 CY
	50 LF		1,250 LF	6,250 LF
Bridge repair/maintenance (railing, decking, minor abutment or armoring)	50 LF	5	250 LF	1,250 LF
	2 CY		10 CY	50 CY
	100 SF		500 SF	2,500 SF
Road and trail ditch clearing and installation	150 LF	5	750 LF	3,750 LF
	5 CY		25 CY	125 CY
	600 SF		3,000 SF	15,000 SF
Fords/ swales replacement, repair, and maintenance	100 LF	2	200 LF	1,000 LF
	10 CY		20 CY	100 CY
	600 SF		1,200 SF	6,000 SF
Sediment removal from channels (e.g., from landslides, road failures, or slip-outs)	40 LF	10	400 LF	2,000 LF
	200 SF		2,000 SF	10,000 SF

Open Space Maintenance and Restoration Program

Type of Activity	Estimated Typical USACE Jurisdictional Disturbance Per Project	Estimated Typical Jurisdictional Sites Per Year	Annual Disturbance Estimate	5-Year Program Disturbance Estimate
	4 CY		40 CY	200 CY
Sediment removal from culverts, crossings, and other drainage features	100 LF	6	600 LF	3,000 LF
	8 CY		48 CY	240 CY
Streambank Stabilization	60 LF	2	120 LF	600 LF
	300 SF		600 SF	3,000 SF
	10 CY		20 CY	100 CY
Trail bridge replacements	25 LF	2	50 LF	250 LF
	50 SF		100 SF	500 SF
	10 CY		20 CY	100CY
New trail and trail bridges	50 LF	2	100 LF	500 LF
	300SF		600 SF	3,000 SF
	10 CY		20 CY	100 CY
Vehicle bridge replacement	3,000 SF	1	3,000 SF	15,000 SF

Open Space Maintenance and Restoration Program

Type of Activity	Estimated Typical USACE Jurisdictional Disturbance Per Project	Estimated Typical Jurisdictional Sites Per Year	Annual Disturbance Estimate	5-Year Program Disturbance Estimate
	25 CY		25CY	125 CY
Pond reconstruction	12,000 SF	1	12,000 SF	60,000 SF
Pond Inlet/Outlet pipe or spillway overflow modification ¹	300 LF	1	300 LF	1,500 LF
	2,000 SF		2,000 SF	10,000 SF
Sediment removal from ponds	900 CY	2	1,800 CY	9,000 CY
	0.40 acre		1 acre	5 acres
Pond vegetation removal	1,000 SF	4	4,000 SF	20,000 SF
Pond berm stabilization	200 LF	1	200 LF	1,000 LF
	400 CY		400 CY	2,000 CY
Structure demolitions/ removal in riparian areas	100 SF	4	400 SF	2,000 SF

¹ Note that many of these activities are typically aboveground maintenance. Midpen conducts these activities for maintenance or for restoration purposes. These activities may be duplicative to other pond activities listed above and below.

Open Space Maintenance and Restoration Program

Type of Activity	Estimated Typical USACE Jurisdictional Disturbance Per Project	Estimated Typical Jurisdictional Sites Per Year	Annual Disturbance Estimate	5-Year Program Disturbance Estimate
Stream crossing removal and restoration of natural channel	2,000 SF	4	8,000 SFF	40,000 SF