

Appendix A

Identified priority areas for protection and/or restoration

The KRI stakeholders identified the 58 sites listed in the table below as priority sites for protection or restoration. Some of these sites are referenced in the project descriptions above. However, there are many more priority sites that also deserve attention. In looking at the list of sites of interest, eight types of land conservation priorities are apparent:

- A) in-river habitat (mainly in tidal section)
- B) stream corridor protection (throughout)
- C) riverfront farmland (throughout)
- D) protection of scenic areas from ridgeline development (northern section)
- E) gravel pit regulation and reclamation (mainly northern and central sections)
- F) polluted site remediation (few; see also section on Economic Development)
- G) other land protection projects
- H) Non-point source (NPS) work

| Map # | Town | Site Description | Site Type* | Approximate Acreage |
|-------|-------------------------|---|------------|---------------------|
| Map 2 | Woolwich | Area off of Limes Island, high-value fish and wildlife habitat | A | 181.6 |
| Map 2 | Woolwich/ Bowdoinham | Merrymeeting Bay off of Abagadasset Point | A | 287.0 |
| Map 3 | Dresden | High-value farmland with frontage on Lovejoy Narrows (across from Swan Island) | C | 278.1 |
| Map 3 | Dresden | Remediate cluster of gravel pits on east side of Kennebec; Rte 128, less than half-mile upriver from Pownalborough Courthouse | E | 66.7 |

| Map # | Town | Site Description | Site Type* | Approximate Acreage |
|-------|-----------------------|--|------------|---------------------|
| Map 4 | Randolph | Togus Stream, important fish habitat (alewives, salmon?) | B | 36.4 |
| Map 4 | Gardiner | Cobbossee Stream fish habitat (alewives, eels, etc.) | B | 2.8 |
| Map 5 | Augusta | Lower Bond Brook, in need of restoration (heavy stormwater flows, sedimentation) | A | 8.4 |
| Map 5 | Augusta | Remediate cluster of inactive gravel pits on west side of Kennebec, between Rte. 104 and the river. | E | 119.4 |
| Map 5 | Sidney/ Vassalboro | Stone cribs in the Kennebec, historic site in need of protection (similarly for Hallowell and Farmingdale) | A | 3.2 |
| Map 5 | Vassalboro | Area of high stormwater runoff to tributaries | B | 204.7 |
| Map 5 | Vassalboro | Property of New England Wildflower Society, bordering rail line on east side: access, protection | | 33.2 |
| Map 5 | Sidney/ Vassalboro | Shad spawning grounds in river need protection | A | 8.2 |
| Map 5 | Sidney | Remediate gravel pit on west side near river | E | 9.6 |
| Map 5 | Vassalboro | Retrofit culverts under railroad that are currently preventing fish passage | A | 21.0 |
| Map 5 | Vassalboro | Riverside dairy farm | C | 28.2 |

| Map # | Town | Site Description | Site Type* | Approximate Acreage |
|-------|------------------------|--|------------|---------------------|
| Map 5 | Sidney | Riverside dairy farm | C | 7.3 |
| Map 6 | Vassalboro | Retrofit culverts under railroad, preventing fish (trout) passage; immediately downstream of a public parcel | A | 14.6 |
| Map 6 | Sidney/ Vassalboro | View of six-mile falls needs protection of the shoreline | D | 5.7 |
| Map 6 | Waterville | Site for remediation (partial water district ownership) | F | 60.1 |
| Map 6 | Waterville | Messalonskee Stream at Thomas College; blue herring spawning ground needs protection | A | 1.5 |
| Map 6 | Waterville/ Winslow | Shad spawning habitat (grass beds) in Kennebec need protection | A | 30.6 |
| Map 6 | Waterville/ Winslow | Rare plant site needs protection | G | 1.9 |
| Map 7 | Fairfield | Protection: islands at I-95 bridge | G | 26.1 |
| Map 7 | Fairfield | Public land on west side | G | 31.7 |
| Map 7 | Fairfield | Stone cribs | A | 14.0 |
| Map 7 | Clinton | Large farms with frontage on Jackins Brook and Kennebec | C | 131.2 |
| Map 7 | Clinton | Riverside farmland and waterfowl habitat | C | 27.4 |
| Map 7 | Clinton | Large area between river and | G | 348.5 |

| Map # | Town | Site Description | Site Type* | Approximate Acreage |
|-------|--------------|---|------------|---------------------|
| | | River Rd. identified for bird habitat and NPS remediation | | |
| Map 7 | Fairfield | Protect waterfowl habitat at Craigin Brook outlet to Kennebec | G | 49.9 |
| Map 7 | Fairfield | Protect waterfowl habitat at Carabasset Stream and outlet to Kennebec | G | 83.5 |
| Map 7 | Skowhegan | Fish habitat (grass beds) need more protection | A | 24.8 |
| Map 7 | Skowhegan | Farmland along East River Road | C | 123.7 |
| Map 7 | Skowhegan | Protect waterfowl habitat at stream and Kennebec | G | 15.9 |
| Map 8 | Skowhegan | River frontage identified for protection | G | 176.0 |
| Map 8 | Skowhegan | River frontage identified for protection - waterfowl habitat | G | 122.0 |
| Map 8 | Skowhegan | Remediate riverbank NPS site | H | 8.0 |
| Map 8 | Skowhegan | Valuable farmland on tributaries and riverfront | C | 356.0 |
| Map 8 | Skowhegan | Valuable farmland on tributaries and riverfront | C | 30.0 |
| Map 8 | Skowhegan | Concentrated stream drainage; high-value fish habitat in need of protection | B | 421.9 |
| Map 9 | Norridgewock | Riverfront farmland (also area of many gravel pits) | C | 32.6 |

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|--------|-------------------|--|------------|---------------------|
| Map 9 | Norridgewock | Riverfront farmland | | 155.8 |
| Map 9 | Starks | Several large riverfront farms on either side of Kennebec and on Sandy River | C | 608.8 |
| Map 9 | Madison | Large area of riverfront farmland on peninsula, next to Weston Island (protected) | C | 307.0 |
| Map 9 | Anson | Large stretch of riverfront farmland between Rte. 201 and river. | C | 390.0 |
| Map 10 | Anson/ Madison | Savage Island, identified as high priority site for protection | G | 169.0 |
| Map 10 | Embden | Riverfront farmland; near islands owned by TNC | C | 176.9 |
| Map 10 | Solon | High-value fish spawning area the length of east channel, below Caratunk Falls IF this channel is successfully rehydrated (see project proposal above) | A | 34.2 |
| Map 10 | Concord Twp. | Remediation - mining operation | E | 18.0 |
| Map 10 | Emden | Proposed Embden quarry site | E | 3.7 |
| Map 10 | Solon | Heavy ATV use on old railroad bed in the Fall Brook area is causing sedimentation, noise (opportunity to convert to a locally stewarded trail) | H | 24.2 |

| Map # | Town | Site Description | Site Type* | Approximate Acreage |
|--------|---------------------|--|------------|---------------------|
| Map 10 | Solon | Gray's Island gravel pits | E | |
| Map 11 | Concord Twp. | Riverfront farmland - large area between Rte. 16 and river. Also the site of Bingham Esker | C | 352.3 |
| Map 11 | Bingham | Austin Stream needs more protection - high-value cold water fishery | A | 38.3 |
| Map 11 | Pleasant Ridge Plt. | Concerns about ridgeline development in large area on Pleasant Ridge (west side of Wyman Lake) | D | 1284.0 |
| Map 11 | Moscow | Concerns about ridgeline development in very large area on east side of Wyman Lake and inland to Stream Rd. and north to Caratunk. Large parcels for sale. | D | 10778.2 |
| Map 12 | Carrying Place Twp. | Henhawk ledge (steep ridge over Kennebec) under Plum Creek ownership should be protected | D | 88.1 |
| Map 12 | The Forks Plt. | Kelley Brook fish habitat needs more protection and better access | B | 76.4 |
| Map 13 | Bowtown Twp. | Concerns about ridgeline development in large area (See also 13.2, on east side) | D | 1144.1 |
| Map 13 | The Forks Plt. | Concerns about ridgeline development in large area | D | 1127.7 |

| Map # | Town | Site Description | Site Type* | Approximate Acreage |
|-------------------------------|--|---|------------|---------------------|
| (See also 13.1, on west side) | | | | |
| Map 13 | West Forks Plt./ Moxie Gore/Squaretown | Kennebec River Gorge (See "Save the Gorge" project) | G | 280.1 |
| Map 15 | Sapling Twp. | Area around West Outlet and north end of Indian Pond needs more protection; suitable for wilderness camping | G | 1.5 |
| Map 15 | Sapling Twp./ Big Moose Twp. | West outlet, downstream of FPL conservation easement (500 ft buffer) also needs protection. High quality cold water fishery | G | 29.1 |
| Total Acreage | | | | 20,691 acres |