IRA On-the-Ground Field Monitoring Cheat Sheet

Form	Observation Cues	How to Document
Boundary Condition	-Signage or markings at entrance points to the IRA -encroachment activities into the boundary (motorized travel, private land encroachment, trail building, -evidence of intimidation designed to keep public out of IRA by private entities (signs, fences, gates)	Drop points in Avenza (lat/long); photos; if necessary, elaborate on descriptions on **Boundary Cond. Form**
Hydrology	-Disturbance to waterbody/waterway. -Sedimentation, headcuts, dredging, -catastrophic erosion event or washout, -hydrologic impacts from wildfire (streamflow/erosion), riparian trampling (hydrology/bank erosion, water quality/turbidity/algae, riparian vegetation overgrazing/destruction), -Absence of woody/shrub vegetation on banks	Drop points in Avenza (lat/long); photos; if necessary, elaborate on description of observed impact on **Hydrology Form**
Wildlife	-Document observed wildlife of interest. -Tracks, sign, beds, dens, nests, rubs, scapes, calls, hair, feathers, etc. -signs of sickness or disease -Short List: grizzly bears, grouse, elk, wolverine, lynx, mtn lion, amphibians, moose, mule deer, porcupine, beaver, raptors, bobcat, wolves, martin, nutcracker, mountain goats, bighorn sheep, otter, pika, etc	Drop points in Avenza (lat/long); photos; record species, sex, number, age(s), etc, if necessary, elaborate on description on **Wildlife Form**
Plants	-Disturbance by wildfire/prescribed burn, -Riparian vegetation health issues from overgrazing (highlining, trampling, hummocking, etc), -unique/rare/sensitive species: orchids, whitebark pine, etc -lack of diversity/monoculture of species in certain areas -conifer encroachment and/or sagebrush on meadows and parks -evidence of beetle kill/disease -noxious/county listed weeds: toadflax, knapweed, leafy spurge, houndstongue, canada thistle, musk thistle, hawkweed, black henbane, bindweed, whitetop, oxeye daisy, common tansy, hoary alyssum, smooth brome, japanese brome, cheatgrass, mullein, etc	Drop points in Avenza (lat/long); photos; record species, number/size of population, etc, if necessary, elaborate on description on **Plants Form**
Human Use and Violations	-count vehicles observed at public access locations -general recreational use observations (snowmobiles, hiking, skiers, bikers, ATVs, trail creation/maintenance -not by FS, mountain biking, skiing, vehicle tracks, cut trees/shrubs, modified water crossings, constructed facilities, tree stands, lean-tos, water pipes, ground leveling, corrals, camping) -other human uses (livestock grazing, firewood cutting, mining/prospecting, foraging, fishing, hunting, trapping, etc) -agency management/use (timber harvest, use of flagging/tree marking) -Adjacent land use within 1/2 mile of IRA boundary (heavily roaded, trailheads, agriculture, logging, mining, recreational use, houses/private land ownership, campgrounds, etc)	-Drop points in Avenza (lat/long); photos; short description; if necessary, elaborate on description of observed impact on **Human Use and Violation Form** -For Adjacent uses within ½ mile: describe on **back of Human Use and Violation Form**
General Obs	-General positive AND negative aspects and assessment of condition observed in each subunit -additional general observation not captured on the other monitoring forms	-Describe on **General Obs Form** -Drop points in Avenza (lat/long); photos;