**ILF Concept Plan Checklist**

**TITLE PAGE**

* + Project Title
	+ Watershed, County, State
	+ Corps District
	+ Corps I.D. & State I.D.
	+ Sponsor
	+ Service Area
	+ CP Date
	+ Date Pre-Application/Concept Plan Site Visit
	+ Entity Responsible for Project Success, LTM & Easement Viability
	+ Current Property Owner
	+ Project Partner(s), if any

**1. OBJECTIVES ((332.4(c)(2), 19677; 332.3(d), 19675); (332.3(h), 19675)**

* + Description of resource type(s) and amount(s):
	+ Cowardin Classification
	+ flow (perennial, intermittent, ephemeral)
	+ amounts (acreage, linear feet and functional units) that will be provided
	+ Method of Compensation (enhancement, rehabilitation, establishment, re-establishment, preservation) for each resource type and amount
	+ If preservation, include justification of how project meeting 5 criteria for preservation ((332.3(h))
	+ Description of how project will address needs of watershed, ecoregion, physiographic or other geographic area of interest
	+ Justification of how project is the “*Ecologically Preferable*” option
	+ Figure, color coded, depicting Methods of Compensation for each resource
1. **SITE SELECTION ((332.4(c)(3), 19678; 332.3(d), 19674))**
	* Description of off-site/watershed/landscape factors:
	* CPF prioritization
	* Watershed needs
	* Compatibility with existing watershed plans, regional goals, etc.
	* Proximity to other mitigation sites, preserved areas, public lands, etc.
	* Proximity to Special Use waters, aquatic T/E species
	* Compatibility of site with adjacent and/or upstream land uses (i.e., logging, mining, large developments, etc.)
	* Practicability of accomplishing ecologically self-sustaining mitigation
	* Description of on-site factors:
	* Ambient water quality
	* Existing hydrology, soils, vegetation, habitat, land use
	* Compatibility with existing utilities

**3. SITE PROTECTION INSTRUMENT ((332.4(c)(4), 19678; 332.7(a), 19679))**

* + Proposed Type of Protection Instrument:
	+ Conservation easement
	+ Transfer of land title to federal, tribal, state, or local resource agencies, or private land manager with appropriate site protection instrument
	+ Restrictive Covenant
	+ Federal ownership of mitigation site (with federal facility management plan or integrated natural resource management plan)
	+ Responsible Party:
	+ Proposed Property Owner
	+ Proposed Easement Holder (if privately owned)
	+ Proposed Deed Restriction Language (if privately owned)
	+ Inclusion of mineral, oil & gas, timber, hunting, etc. rights with surface rights
	+ Prohibition of “Incompatible Uses”
	+ Inclusion of 60-day advance notice for changes to Site Protection Instrument

**4. BASELINE INFORMATION ((332.4(c)(5), 19678))**

* + Driving Directions to the site from the Corps’ office
	+ County and State
	+ USGS 8-digit HUC & River Basin
	+ Service Area
	+ USGS 7.5 Minute Quadrangle
	+ Level III Ecoregion & Bioregion
	+ Watershed size
	+ Geographic coordinates (latitude & longitude, in decimal degrees) of upstream and downstream boundaries of project or “waters of the U.S.”
	+ Statement summarizing existing resource impacts (i.e. timbering, channelization, channel relocation, gravel dredging, etc.)
	+ Description of existing easements, location, size, maintenance activities and schedule
	+ Description of site characteristics (hydrology, soils, vegetation, etc.) appropriate to the type of resource proposed as compensation
	+ Summary of any water quality or biological data, if available, 303(d) listing status and pollutant(s)
	+ State Designated Use (Outstanding State Water Resource Waters, Special Use Water, Cold Water Aquatic Habitat, Warm Water Aquatic Habitat) ; Federal stream designation (National Wild and Scenic River, federally designated “study river”)
	+ Ecological functions and services:
	+ Existing Rosgen classification
	+ Existing Rapid Bioassessment Protocol (RBP) scores
	+ Existing algae, macroinvertebrate, fish indices, if appropriate
	+ Existing Cowardin Class
	+ Existing Hydrogeomorphic (HGM) FCIs for streams and/or wetlands, if available
	+ Assessment data sheets (RBP, HGM, MIBI, KIBI, etc.) & Summary Table of scores
	+ Jurisdictional Determination and delineation report (can be included as appendix)
	+ Documentation of all structures 50 years or older that are within and adjacent to the project area. Include for each:
	+ Photo with street address
	+ Brief description of potential impacts/proposed treatment
	+ Project map showing location of each structure
	+ Map(s)/Figures/Photographs/Data Sheets:
	+ Figure depicting existing easements
	+ Figure depicting RBP/HGM/MIBI/KIBI locations & reaches color coded to represent “poor” (red), “average” (yellow) or “excellent” (green)
	+ Figure depicting wetland delineation data points
	+ Copies of all datasheets (wetland or RBP)

**5. DETERMINATION OF CREDITS ((332.4(c)(6),19678; 332.3(f), 19675))**

* + Resource (stream, wetland), flow (perennial, intermittent or ephemeral) or wetland type (forested, scrub/shrub, emergent), amount (linear feet, acres) and method of compensation (enhancement, rehabilitation, establishment, re-establishment, preservation)
	+ Credit determination (methodology - EKSAP, HGM, LDAP, other)
	+ Number and type of credits (EIUs, AMUs) to be provided by the project
	+ Predicted algae, macroinvertebrate, fish indices (MIBI, KIBI, etc.), if appropriate
	+ Predicted RBP scores
	+ Predicted Debit/Credit Table and net credits

**6. MONITORING REQUIREMENTS ((332.4 (c)(10), 19678); 332.6, 19678-19679))**

* + Party responsible for monitoring & reporting
	+ Methods
	+ Parameters to be monitored
	+ Frequency
	+ Length of monitoring period

**7. FINANCIAL ASSURANCES ((332.4(c)(13), 19678; 332.3(n), 19676))**

* + Describe how financial assurances will be sufficient to ensure that the mitigation project will be successfully completed in accordance with the performance standards (including funds for construction and repair/maintenance/remedial work)
	+ Identify the type(s) of financial assurance that will be provided (e.g. performance bonds, escrow accounts, casualty insurance, letters of credit, legislative appropriations for government sponsored project, etc).

**8. SERVICE AREA AND CREDIT RELEASE SCHEDULE ((332.4(c)(14); 19678))**

* + Include proposed milestones, percent credit release for each milestone and cumulative percent credit release, performance standard and year if project will deviate from Instrument or no credit release included in instrument.

**9. THREATENED AND ENDANGERED SPECIES/CULTURAL RESOUCES**

* + Description of potential federal T & E species & status
	+ Description of potential for cultural resource issues & status

**10. PROJECT SCHEDULE**

* + Description of schedule and milestones
	+ Description of how the project schedule will facilitate the requirement for three-year delivery of credits

**12. APPENDICIES ((332.4(c)(14); 19678))**

* + Maps, figures, photographs
	+ Copies of all Section 106 Correspondence
	+ Copies of all Section 7 Correspondence
	+ RBP, wetland or other data sheets
	+ JD (preliminary or approved)

**13. CITATIONS ((332.4(c)(14); 19678))**

* + List of citations, including author, date, name of journal or reference, page number, any other information as appropriate.