



Mitigation and Monitoring Plan Checklist | 2018

INDOT Environmental Services, Ecology and Waterway Permitting Office

Last Revised 4/26/2018

1. PROJECT SPECIFIC INFORMATION

Mitigation Type/Name	
INDOT Des. Number	
County	

2. DOCUMENT BACKGROUND

Designer/Firm			
Submittal Date		Submittal Number	
ES Reviewer/Contact Info.			
Review Date			

Review columns are abbreviated as follows: Sufficient (S), Deficient (D), and Not Applicable (NA). All items marked deficient require resolution from the consultant prior to INDOT acceptance of the plan.

3. MITIGATION SITE

S	D	NA	Mitigation Site Requirements
			<input type="checkbox"/> Has avoidance and minimization of construction impacts occurred to reduce mitigation needed?
			<input type="checkbox"/> Does the mitigation site need permits? Use permit determination questions for impacts to jurisdictional waters and floodways to verify if needed. List which permits are needed below. <i>Reviewer Notes:</i>

4. MITIGATION PLAN

S	D	NA	Mitigation Plan Requirements
			A) The road number, project & mitigation site DES #, county, dates, and specific project information matches within the document and all supplemental materials. <i>Reviewer Notes:</i>
			B) Introduction/Goals and Objectives:
			<input type="checkbox"/> Identifies the waterway permits that require the mitigation site.
			<input type="checkbox"/> A description of the resource type(s) and amounts(s) that will be compensated for by the mitigation plan and the method (s) of compensation (restoration, enhancement, preservation, etc.);
			<input type="checkbox"/> Describes and quantifies each type of mitigation required (including any buffer areas, preservation areas, and/or contingency acreage) at the site and functions gained.
			<input type="checkbox"/> Credits and ratios are listed with an explanation of the determination.
			<input type="checkbox"/> Describes mitigation location, gives directions (including mileage), describes where to park, parcel IDs, and lat/long. <i>Reviewer Notes:</i>
			C) Baseline Information:
			<input type="checkbox"/> Describes existing vegetation including locations of invasive species.
			<input type="checkbox"/> Describes mapped soils, any dug soil pits, and how hydric soils will develop.
			<input type="checkbox"/> Data describes existing hydrology (depth of water table, floodplain frequency, stream gauge data, site observations, etc.).
			<input type="checkbox"/> Lists the HUC 8 watershed & has a water budget explaining how there will be sufficient hydrology.
			<input type="checkbox"/> Wetlands on-site are listed with classification, location, and when delineation was completed.

			I) Adaptive Management Plan:
			<input type="checkbox"/> Discusses issues that may impact the success of the mitigation site (potential mit. challenges).
			<input type="checkbox"/> Discusses solutions or ways to prevent the possible issues.
			<input type="checkbox"/> Discusses contingency and remedial measures in the event of reduced success.
			<i>Reviewer Notes:</i>
			J) Site Protection, Long-Term Management Plan, & Financial Assurances:
			<input type="checkbox"/> Describes a long-term management plan indicating how the site will be managed after performance standards have been met and the responsible party(ies).
			<input type="checkbox"/> Explains what type of site protection instrument will be used.
			<input type="checkbox"/> The site has permanent access and right-of-entry.
			<input type="checkbox"/> Identifies the responsible parties for financial assurances.
			<input type="checkbox"/> Describes where long-term funding will come from.
			<i>Reviewer Notes:</i>

Comments: _____

5. SUPPLEMENTAL MATERIALS

S	D	NA	Supplemental Materials Requirements
			A) Maps:
			<input type="checkbox"/> There are location, HUC 8, soil, aerial, photo orientation, and topographic maps.
			<input type="checkbox"/> Project location map shows how to access site and where to park.
			<input type="checkbox"/> HUC 8 map shows impact site and mitigation site.
			<input type="checkbox"/> Has existing conditions map which shows water features, photo points, and soil data points.
			<input type="checkbox"/> Has proposed conditions map which shows different planting zones (acreage listed), proposed stream channels, and special features (vernal pools, water control structures, riffles, etc).
			<i>Reviewer Notes:</i>
			B) Waters Report:
			<input type="checkbox"/> An EWPO approved waters report of the mitigation site is included.
			<i>Reviewer Notes:</i>
			C) Photos (may be part of waters report):
			<input type="checkbox"/> Representative photos of the site and existing features are included with date, direction, and subject matter.
			<input type="checkbox"/> References to photos on maps and in narrative are correct.
			<i>Reviewer Notes:</i>
			D) Project Plans:
			<input type="checkbox"/> Plans represent both the existing and proposed project conditions
			<input type="checkbox"/> All streams and wetlands are labeled on the plans with the appropriate USGS 7.5 minute series name.
			<input type="checkbox"/> Flow direction of any stream is noted on the plans.
			<input type="checkbox"/> Plan sheets with cross sections are provided for all wetland and/or stream creation.
			<input type="checkbox"/> Planting, grading, and erosion control plan sheets are included if applicable and are appropriate for the mitigation type needed.
			<input type="checkbox"/> The site is designed in a way that will bring success to the site.
			<input type="checkbox"/> Streams, riffles and pools are placed in a manner that makes sense.
			<input type="checkbox"/> Planting plan includes quantities of plantings, planting rates, and spacing of plantings

