

Karst Report Checklist 2018

INDOT Environmental Services (ES), Ecology and Waterway Permitting Office (EWPO)

Last revised: 9/11/2018

Project Route/Type		
INDOT DES Number	Contract:	
County		
RFC Date	Letting:	
Project Manager		
Designer/Consultant Firm		
Field Investigation Date(s)		

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 report

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2.	KAI	RST I	REPORT VERIFICATION
S	D	NA	Karst Report Requirements
			A) The road number, DES #, County, dates and specific project information matches SPMS and within the document and all attachments
			Reviewer Notes:
			B) The narrative:
			☐ If revision, the report reflects the revised date on front page
			☐ Township, section, and range are correct
			☐ List of all soil types in the investigated area and their hydric ranges (note if soil is prone to sinkholes)
			☐ Provide detailed descriptions of the terrain within the investigated area and surrounding landscape
			☐ Describes results of desktop survey, including all mapped karst features within a 0.5 mile radius
			☐ Describes surface drainages and water features
	,		☐ Identifies the number of karst features present and each one is described in narrative
			☐ If karst features are not present, the report discusses why none are present
			☐ Unusual circumstances are identified
			☐ Includes a general statement of how likely (low, moderate, or high) it is that karst features will be found in the area
			Reviewer Notes:
			C) Boxes in the Karst Summary Table(s) are filled in correctly:
			☐ Karst feature name or ID is consistent in report
			☐ Photo numbers reference correct feature
			☐ Latitude and longitude of features are in decimal degrees
			Reviewer Notes:

	topograp Map incl faults, an Maps are	hic, LiDAR ludes type, a ticlines, or	and photo age of rock synclines, e	orientation units, strike	maps			aterways, two				
	faults, an	nticlines, or	synclines, e		and dip, an	d any signit	ficant struct					
	Maps are		•	,	ap includes type, age of rock units, strike and dip, and any significant structural features (mapped alts, anticlines, or synclines, etc.)							
	Sources/		☐ Maps are clear and in focus, have titles, a north arrow, scale bar and appropriate legend									
1 1 1												
☐ Direction of water flow is noted in water features												
R	eviewer No	tes:										
E) Photo req	quirements:										
	The phot	photos are clear and properly labeled with date, direction, and subject matter										
	 □ The cardinal directions mentioned in the photos match those on the orientation map □ The quality and quantity (minimum 2 per feature) of photos are sufficient to make a good determination in the office □ Photos show all aspects of the investigated area (including areas where no karst features were found) 											
Reviewer Notes:												
mments:												
Documentati	on											
	Submittal 1	Submittal 2	Submittal 3	Submittal 4	Submittal 5	Submittal 6	Submittal 7	Submittal 8	FINAL			
Email												
Milestones												
Milestones PSCS ProjectWise												