Site ID : Inventoried by : Date:

St. Joseph Watershed Dam Inventory Data Form

Site Location Information:

GPS Waypoint __ Latitude:_____ Longitude:_____
County:_____ T/R/Sec.:_____
Access Road _____ Dam or Impoundment name (if any):_____
Dam/Property Owner(s): □Federal □State □Local Gov. □Private □Abandoned □Unknown
Stream Name:_____ Tributary to:_____
Recent Precipitation (web source such as wunderground.com): Past 24 hours:_____in Past Week:_____in

Land Use Information

(Check any that apply)

Upstream:	**Downstream:**
□Forest	□Forest
□Wetland	□Wetland
□Residential	□Residential
□Urban	□Urban
□Agriculture	□Agriculture
□ Park	□ Park
□Industrial	□Industrial
□Other: _____	□Other: _____

Impoundment or Dam Use Information

(Check all that apply)

□Recreation
□Wildlife pond
□Waterfront development
□Hydropower
□Water supply
□Flood control
□Other:_____

Structural Information (check all appropriate):

Barrier Type	**Construction Materials**	**Other Site Features**
□Earthen Berm	□ Concrete	□ Emergency Spillway
□Dam Wall(no overflow)	□Earth	□Stream Diversion or Canal
□Open Crest spanning stream	□Wood	□Retaining Walls
□Open crest channelizing flow	□Rock	□Low level outlet
□Debris Jam	□Metal	□Gates
□ Stoplogs or Flashboards	□Screen	□Rip-Rap
□Beaver dam	□Other:_____	□Fish passage Structure
□Undersized culvert		□Vehicle access
□Natural Falls		□Attached or Adjacent Buildings
□Other:_____		□Other:_____

Upstream Conditions:

(Mark evident changes to the stream caused by the barrier)

□Widening
□Deepening
□Loss of channel/Partially Lake
□Change to lake/pond
□Wetland/Flooding
□None

Is there evidence of erosion?

(Check all that apply)

Upstream:	**At Structure:**	**Downstream:**
□Overtopping	□Overflow/Breach	□Plunge Pool
□Gullies	□Access Paths/Trails	□Scour
□Bare Soil	□Gullies	□Gullies
□Bank Failure	□Bare Soil	□Bare Soil
□Undercut Banks	□Bank Failure	□Bank Failure
	□Undercut Banks	□Undercut Banks

Direct Stream Measurements:

Stream:	**Spillway:**	**Vertical Characteristics:**
Widest Impoundment Width:_____ft	Width:_____ft	Height of Head:_____ft
Impoundment Length:_____ft	Length:_____ft	Freeboard Available_____ft
Estimated Area of Impoundment:	Number of Interruptions or Steps:	
	Water Velocity:	
Width After Plunge Pool:_____ft		

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Other Pertinent Information:

- Physical Condition Ranking: (Please Rank - 5 being best condition, 1 being worst): 5, 4, 3, 2, 1
  Reasoning/Justification:
- Does the dam have the ability to regulate water level? □Y □N
- Is it being actively managed? □Y □N
- Based on MDNRE contamination flowchart (included in instructions), should sediments be tested?
- Is another barrier (dam or road crossing) visible up or downstream? □Y □N
- Are there any invasive species present? □Y □N If so, which?_____

Photo Documentation: Please number the photos in the order you take them.

Downstream Face:_____ Upstream Face:_____ Downstream View:_____ Upstream View:_____ Others:_____

Site Sketch (Please Mark Photo Numbers on Site Sketch)

Overhead view

Side view