

Dam Inspection Report

Name of Dam _____ Dam ID No. _____

Permit Number _____ Class of Dam _____

Location _____ Section _____ Township _____ Range _____

Owner _____
Name Telephone Number (Day)

_____ Street Telephone Number (Night)

_____ City _____ Zip Code _____ County _____

Type of Dam _____

Type of Spillway _____

Date(s) Inspected _____

Weather When Inspected _____

Temperature When Inspected _____

Pool Elevation When Inspected _____

Tailwater Elevation When Inspected _____

Inspection Personnel:

_____ Name Title

_____ Name Title

Professional Engineer's Seal _____ Name Title

The Department of Natural Resources is requesting information that is necessary to accomplish the statutory purpose as outlined under the River, Lakes and Streams Act, 615 ILCS 5. Submittal of this information is REQUIRED. Failure to provide the required information could result in the initiation of non-compliance procedures as outlined in Section 3702.160 of the "Rules for Construction and Maintenance of Dams".

CONDITION CODES

- NE - No evidence of a problem
- GC - Good condition
- MM - Item needing minor maintenance and/or repairs within the year, the safety or integrity of the item is not yet imperiled
- IM - Item needing immediate maintenance to restore or ensure its safety or integrity
- EC - Emergency condition which if not immediately repaired or other appropriate measures taken could lead to failure of the dam
- OB - Condition requires regular observation to ensure that the condition does not become worse
- NA - Not applicable to this dam
- NI - Not inspected - list the reason for non-inspection under deficiencies

EARTH EMBANKMENT

| ITEM | CONDITION CODE | DEFICIENCIES | RECOMMENDED REMEDIAL MEASURES AND IMPLEMENTATION SCHEDULE |
|--|----------------|--------------|---|
| Surface Cracks | | | |
| Vertical and Horizontal Alignment of Crest | | | |
| Unusual Movement or Cracking At or Beyond Toe | | | |
| Sloughing or Erosion of Embankment and Abutment Slopes | | | |
| Upstream Face Slope Protection | | | |
| Seepage | | | |
| Filter and Filter Drains | | | |

EARTH EMBANKMENT

(Continued)

| ITEM | CONDITION CODE | DEFICIENCIES | RECOMMENDED REMEDIAL MEASURES AND IMPLEMENTATION SCHEDULE |
|-----------------------------|----------------|--------------|---|
| Animal Damage | | | |
| Embankment Drainage Ditches | | | |
| Vegetative Cover | | | |
| Other (Name) | | | |
| Other | | | |
| Other | | | |
| Other | | | |

CONCRETE OR MASONRY DAMS

| ITEM | CONDITION CODE | DEFICIENCIES | RECOMMENDED REMEDIAL MEASURES AND IMPLEMENTATION SCHEDULE |
|--|----------------|--------------|---|
| Seepage | | | |
| Structure to Abutment/ Embankment Junctions | | | |
| Water Passages | | | |
| Foundation | | | |
| Surface Cracks in Concrete Surfaces | | | |
| Structural Cracking | | | |
| Vertical and Horizontal Alignment | | | |

CONCRETE OR MASONRY DAMS

(CONTINUED)

| ITEM | CONDITION CODE | DEFICIENCIES | RECOMMENDED REMEDIAL MEASURES AND IMPLEMENTATION SCHEDULE |
|-----------------------|----------------|--------------|---|
| Monolith Joints | | | |
| Contruction Joints | | | |
| Spalling of Concrete | | | |
| Filters, Drains, etc. | | | |
| Riprap | | | |
| Other (Name) | | | |

IF THE DAM IS GATED - Fill out the portion of the Principal Spillway Form related to Gated Spillways

PRINCIPAL SPILLWAY
APPROACH CHANNEL

| ITEM | CONDITION CODE | DEFICIENCIES | RECOMMENDED REMEDIAL MEASURES AND IMPLEMENTATION SCHEDULE |
|----------------------|----------------|--------------|---|
| Debris | | | |
| Side Slope Stability | | | |
| Slope Protection | | | |
| Other (Name) | | | |
| Other | | | |
| Other | | | |
| Other | | | |

PRINCIPAL SPILLWAY

Drop Inlet Spillway

Overflow Spillway Structure

Gated

| ITEM | CONDITION CODE | DEFICIENCIES | RECOMMENDED REMEDIAL MEASURES AND IMPLEMENTATION SCHEDULE |
|----------------------------------|----------------|--------------|---|
| Erosion, Spalling, Cavitation | | | |
| Structure to Embankment Junction | | | |
| Drains | | | |
| Seepage Around or Into Structure | | | |
| Surface Cracks | | | |
| Structural Cracks | | | |

IF THE SPILLWAY IS GATED FILL OUT THE GATES SECTION

PRINCIPAL SPILLWAY

(Continued)

Drop Inlet Spillway

Overflow Spillway Structure

Gated

| ITEM | CONDITION CODE | DEFICIENCIES | RECOMMENDED REMEDIAL MEASURES AND IMPLEMENTATION SCHEDULE |
|-----------------------------|----------------|--------------|---|
| Alignment of Abutment Walls | | | |
| Construction Joints | | | |
| Filter and Filter Drains | | | |
| Trash Racks | | | |
| Bridge and Piers | | | |
| Differential Settlement | | | |
| Other (Name) | | | |

IF THE SPILLWAY IS GATED FILL OUT THE GATES SECTION

PRINCIPAL SPILLWAY

(Continued)

Conduit

Gated

| ITEM | CONDITION CODE | DEFICIENCIES | RECOMMENDED REMEDIAL MEASURES AND IMPLEMENTATION SCHEDULE |
|--------------------------------|----------------|--------------|---|
| Erosion, Spalling, Cavitation | | | |
| Joint Separation | | | |
| Seepage Around of Into Conduit | | | |
| Surface Cracks | | | |
| Structural Cracks | | | |
| Trash Racks | | | |
| Differential Settlement | | | |
| Alignment | | | |
| Other (Name) | | | |

IF THE SPILLWAY IS GATED FILL OUT THE GATES SECTION

PRINCIPAL SPILLWAY

(Continued)

Chute

| ITEM | CONDITION CODE | DEFICIENCIES | RECOMMENDED REMEDIAL MEASURES AND IMPLEMENTATION SCHEDULE |
|----------------------------------|----------------|--------------|---|
| Erosion, Spalling, Cavitation | | | |
| Structure to Embankment Junction | | | |
| Construction Joints | | | |
| Expansion and Contraction Joints | | | |
| Differential Settlement | | | |
| Surface Cracks | | | |
| Structural Cracks | | | |
| Wall Alignment | | | |
| Other (Name) | | | |

IF THE SPILLWAY IS GATED FILL OUT THE GATES SECTION

PRINCIPAL SPILLWAY

Principal Spillway

Dewatering

Other: _____

| ITEM | CONDITION CODE | DEFICIENCIES | RECOMMENDED REMEDIAL MEASURES AND IMPLEMENTATION SCHEDULE |
|-------------------------------|----------------|--------------|---|
| Gate Sill | | | |
| Gate Seals | | | |
| Gate and Frame | | | |
| Operating Machinery | | | |
| Emergency Operating Machinery | | | |
| Other (Name) | | | |
| Other | | | |

OUTLET WORKS
IF SEPARATE FROM PRINCIPAL SPILLWAY STRUCTURE

| ITEM | CONDITION CODE | DEFICIENCIES | RECOMMENDED REMEDIAL MEASURES AND IMPLEMENTATION SCHEDULE |
|--------------------------------|----------------|--------------|---|
| Erosion, Spalling, Cavitation | | | |
| Joint Separation | | | |
| Seepage Around or Into Conduit | | | |
| Intake Structure | | | |
| Outlet Structure | | | |
| Outlet Channel | | | |
| Riprap | | | |
| Other (Name) | | | |
| Other | | | |

ENERGY DISSIPATOR

Principal Spillway
Type: _____

Outlet Works

| ITEM | CONDITION CODE | DEFICIENCIES | RECOMMENDED REMEDIAL MEASURES AND IMPLEMENTATION SCHEDULE |
|----------------------------------|----------------|--------------|---|
| Erosion, Spalling, Cavitation | | | |
| Structure to Embankment Junction | | | |
| Construction Joints | | | |
| Surface Cracks | | | |
| Structural Cracks | | | |
| Differential Alignment | | | |
| Expansion and Contraction Joints | | | |

ENERGY DISSIPATOR

(Continued)

Principal Spillway

Outlet Works

| ITEM | CONDITION CODE | DEFICIENCIES | RECOMMENDED REMEDIAL MEASURES AND IMPLEMENTATION SCHEDULE |
|----------------|----------------|--------------|---|
| Riprap | | | |
| Outlet Channel | | | |
| Debris | | | |
| Other (Name) | | | |
| Other | | | |
| Other | | | |
| Other | | | |

EMERGENCY SPILLWAY

Earth

Other: Name _____

| ITEM | CONDITION CODE | DEFICIENCIES | RECOMMENDED REMEDIAL MEASURES AND IMPLEMENTATION SCHEDULE |
|---------------------------------|----------------|--------------|---|
| Erosion | | | |
| Weeds, Logs, Other Obstructions | | | |
| Side Slope Sloughing | | | |
| Vegetation | | | |
| Sedimentation | | | |
| Riprap | | | |
| Settlement of Crest | | | |
| Downstream Channel | | | |
| Other (Name) | | | |

SUMMARY OF MAINTENANCE DONE AND/OR
REPAIRS MADE SINCE THE LAST INSPECTION

DATE OF PRESENT INSPECTION _____

DATE OF LAST INSPECTION _____

1. EARTH EMBANKMENT DAMS

2. CONCRETE MASONRY DAMS

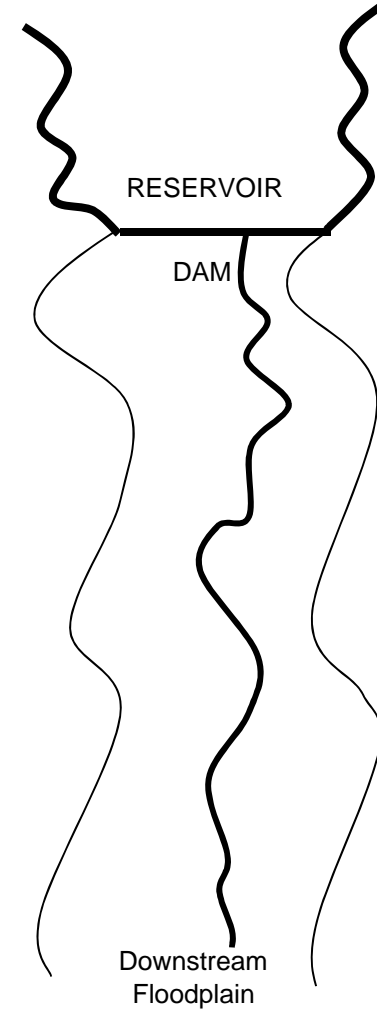
3. PRINCIPAL SPILLWAY

4. OUTLET WORKS

5. EMERGENCY SPILLWAY

DOWNSTREAM DEVELOPMENT
APPROXIMATE WIDTH OF AFFECTED FLOODPLAIN _____ MILES

| MILES DOWNSTREAM FROM DAM | DOWNSTREAM DEVELOPMENT | | | | | | | | | | Loss of Life Potential | | | Economic Loss Potential | | | SKETCH IN DEVELOPMENTS DOWNSTREAM OF THE DAM | | |
|---------------------------------|------------------------|------------------|------------------------|----------------------|----------------------|---------|-----------|-----------------|------|--------------------|------------------------------|--------------------------|------|-------------------------------|---------|------------------|---|----------------------|--------------------|
| | OCCUPIED HOMES | UNOCCUPIED HOMES | AGRICULTURAL BUILDINGS | INDUSTRIAL BUILDINGS | COMMERCIAL BUILDINGS | SCHOOLS | HOSPITALS | ROADS & BRIDGES | DAMS | OVERHEAD UTILITIES | OTHER DEVELOPMENT (Name) | OTHER DEVELOPMENT (Name) | NONE | 1 TO 10 | OVER 10 | MINIMAL EXPECTED | | APPRECIABLE EXPECTED | EXCESSIVE EXPECTED |
| 0 to 1/4 | | | | | | | | | | | | | | | | | | | |
| 1/4 to 1/2 | | | | | | | | | | | | | | | | | | | |
| 1/2 to 3/4 | | | | | | | | | | | | | | | | | | | |
| 3/4 to 1 | | | | | | | | | | | | | | | | | | | |
| 1 to 1-1/4 | | | | | | | | | | | | | | | | | | | |
| 1-1/4 to 1-1/2 | | | | | | | | | | | | | | | | | | | |
| 1-1/2 to 1-3/4 | | | | | | | | | | | | | | | | | | | |
| 1-3/4 to 2 | | | | | | | | | | | | | | | | | | | |
| OVER 2 | | | | | | | | | | | | | | | | | | | |



The number of homes, buildings, or other items in the floodplain downstream of the dam should be placed in the appropriate row and column to designate their location.

Owner's Maintenance Statement

I, _____, owner of _____ dam,
Dam Identification Number _____, in _____ County,
am maintaining the dam in accordance with the accepted maintenance plan which is part of
Permit Number _____.

Signature

Date

Owner's Operation and Maintenance Plan Statement

I, _____, owner of _____ dam,
Dam Identification Number _____, in _____ County,
have reviewed the operation and maintenance plan including the Emergency Action Plan (EAP),
which is part of, Permit Number _____.

I _____ have enclosed the appropriate revisions or
_____ have determined that no revisions to the plan are necessary.

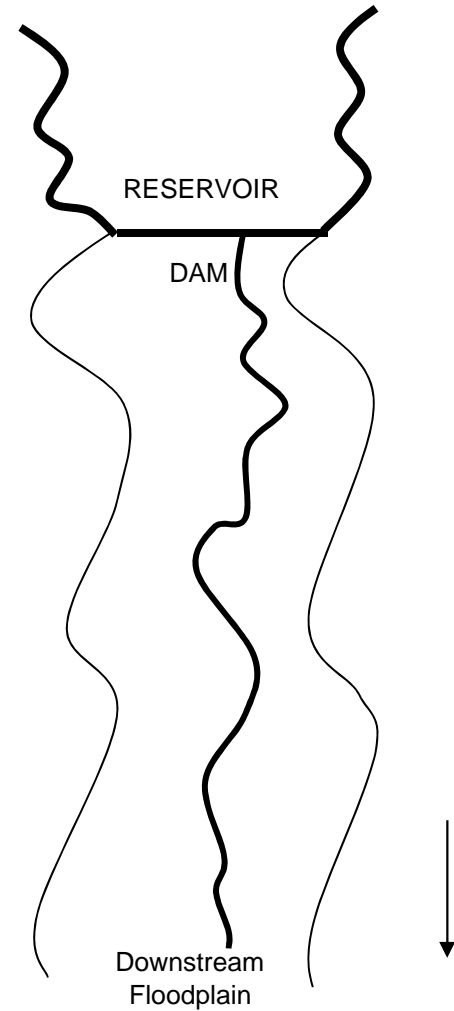
Signature

Date

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DOWNSTREAM DEVELOPMENT
APPROXIMATE WIDTH OF AFFECTED FLOODPLAIN _____ MILES

| MILES DOWNSTREAM FROM DAM | DOWNSTREAM DEVELOPMENT | | | | | | | | | | Loss of Life Potential | | | Economic Loss Potential | | | SKETCH IN DEVELOPMENTS DOWNSTREAM OF THE DAM | | |
|---------------------------------|------------------------|------------------|------------------------|----------------------|----------------------|---------|-----------|-----------------|------|--------------------|------------------------------|--------------------------|------|-------------------------------|---------|------------------|---|----------------------|--------------------|
| | OCCUPIED HOMES | UNOCCUPIED HOMES | AGRICULTURAL BUILDINGS | INDUSTRIAL BUILDINGS | COMMERCIAL BUILDINGS | SCHOOLS | HOSPITALS | ROADS & BRIDGES | DAMS | OVERHEAD UTILITIES | OTHER DEVELOPMENT (Name) | OTHER DEVELOPMENT (Name) | NONE | 1 TO 10 | OVER 10 | MINIMAL EXPECTED | | APPRECIABLE EXPECTED | EXCESSIVE EXPECTED |
| 0 to 1/4 | | | | | | | | | | | | | | | | | | | |
| 1/4 to 1/2 | | | | | | | | | | | | | | | | | | | |
| 1/2 to 3/4 | | | | | | | | | | | | | | | | | | | |
| 3/4 to 1 | | | | | | | | | | | | | | | | | | | |
| 1 to 1-1/4 | | | | | | | | | | | | | | | | | | | |
| 1-1/4 to 1-1/2 | | | | | | | | | | | | | | | | | | | |
| 1-1/2 to 1-3/4 | | | | | | | | | | | | | | | | | | | |
| 1-3/4 to 2 | | | | | | | | | | | | | | | | | | | |
| OVER 2 | | | | | | | | | | | | | | | | | | | |



The number of homes, buildings, or other items in the floodplain downstream of the dam should be placed in the appropriate row and column to designate their location.