OPERATION, MAINTENANCE & SURVEILLANCE PLAN

Dam Name: ____________________________ Water Licence No.: ____________
Owner’s Name: ____________________________ Phone #: ________________
Stream Name: ____________________________ Reservoir Name: ________________
Dam Location: Latitude: ____________ Longitude: ______ Map Sheet No. ___

LIST INDIVIDUALS WHO ARE RESPONSIBLE FOR:

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<th>Name</th>
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PHYSICAL DESCRIPTION:

Dam Height: ______________ Dam Type: ______________
Length: ______________ Crest Width: ______________
Reservoir Capacity: ______________ Reservoir Area: ______________
Spillway Capacity: ______________ Design Flood Inflow: ______________
Watershed Area: ______________ Purpose of Dam: ______________
Consequence Classification: ______________

ACCESS TO DAM: (describe road access to dam from nearest center, attach map to this Plan)

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________________________________________________________________________
________________________________________________________________________
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LIST SIGNIFICANT STRUCTURES DOWNSTREAM OF DAM: (i.e., access road, railroad, subdivision etc.)

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
LIST ALL HYDRAULIC WORKS: (i.e., spillway, outlet, stoplogs, gates, valves etc. (include capacity, dimensions, locations etc.))

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LIST PROCEDURES FOR RESERVOIR OPERATION: (i.e., how is reservoir level controlled? what is the anticipated reservoir level for any given time of year? when are the drawdown and filling periods? what are the operation procedures during floods?)

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LIST ALL ITEMS REQUIRING ROUTINE MAINTENANCE: (include type of maintenance to be performed, scheduling of maintenance, record keeping, etc.)

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LIST ALL INSTRUMENTATION, FREQUENCY OF MONITORING, AND METHOD OF RECORD KEEPING: (i.e., seepage measurement weir, reservoir level gauge, piezometers, etc.)

____________________________________________________________________

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LIST OF EQUIPMENT TO BE PERIODICALLY TEST OPERATED: (i.e., gates, valves, hoists, etc. include frequency of test operation)

____________________________________________________________________

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LIST ALL COMPONENTS REQUIRING ROUTINE VISUAL INSPECTIONS: (include schedule) (e.g. weekly, monthly, quarterly, annually etc.)

____________________________________________________________________

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ANNUAL FORMAL INSPECTIONS BY OWNER: (include; time of year when performed, special items to be examined, reviewed, and/or test operated)

ATTACH THE FOLLOWING INFORMATION TO THIS PLAN:

- All dam design plans including as-built, if available.
- A location map showing the dam location relative to major roads and/or communities.
- All past inspection reports.
- An inspection checklist.
- A log showing repairs done and operating problems.