NRCS NATIONAL INVENTORY OF DAMS (for Missouri use)

1) DAM NAME: _____

2) Other Dam Names: _____ 3) Dam Former Names: _____

4) Federal Agency ID (NRCS ID): _____ 5) National ID: (Provided by MO Dam Safety) _____

6) Longitude: (Decimal Degrees) _____ 7) Latitude: (Decimal Degrees) _____

8) Location: S____ T____ R____ 9) County:_____ 10) River/Stream: _____

11) Nearest City/Town:[1/] _____ 12) Distance to Nearest City/Town: _____Miles

13) Owner Name: _____ 14) Owner Type:[1/] _____ 15) Dam Designer: _____

16) Non-Fed Dam on Fed Prop: ☐Yes ☐No 17) Dam Type:[1/] _____

18) Dam Core: Position: ___ Type: ___ Certainty:__ 19) Foundation: Material: ____ Certainty: _____

20) Purpose:[1/] _____ 21) Year Completed:_____ 22) Year Modified: _____

23) Dam Length, Ft.:_____ 24) Dam Ht., Ft.:[1/]_____ 25) Structural Ht., Ft.:[1/]_____ 26) Hydraulic Ht., Ft.:[1/]____

27) Maximum Discharge, cfs:_____ 30) Surface Area, AC:_____

31) Drainage Area, Sq. Mi.: _____ 32) Down Stream Hazard: ☐ L ☐ S ☐ H

33) Emergency Action Plan (EAP): ☐Yes ☐No ☐Not required 64) EAP Year: [1/] _____

34) Last Inspection Date:_____ 35) Inspection Freq.: (Yrs) ___ 36) State Regulated Dam: ☐Yes ☐No

37) State Regulatory Agency: _____ 38) Spillway Type: ☐Uncontrolled ☐Controlled ☐None

39) Spillway Width, Ft.:_____ 40) Outlet Gates:[1/] _____ 41) Volume of Dam, CY:_____

42) Number of Locks: _____ 43) Length of Locks: _____ 44) Lock Width: ___

Federal Agency (USDA NRCS) Involvement

45) Involvement w/Funding: ☐Yes ☐No 46) Involvement w/Design: ☐Yes ☐No

47) Involvement w/Construct: ☐Yes ☐No 48) Involvement w/Regulatory: ☐Yes ☐No

49) Involvement w/Inspection: ☐Yes ☐No 50) Involvement w/Operation: ☐Yes ☐No

51) Involvement as Owner: ☐Yes ☐No 52) Involvement w/Others: ☐Yes ☐No

53) Authorization: ☐CO-01 ☐PL-566 ☐RC&D ☐WP-03 ☐PILOT ☐OTHER

54) PL566 Watershed #: _____ 55) PL566 Watershed Name: _____

56) Planned Service Life (Yrs): ___ 57) O&M Inspection Responsibility[1/]: _____ 58) O&M Current ☐Yes ☐No

59) O&M Completed: ☐Yes ☐No 60) Population at Risk[1]: _____ 61) Population at Risk Accuracy[1/]: _____

62) Hazard Classification as Designed or Modified: ☐ L ☐ S ☐ H 63) Hazard Classification Year: _____

65) Sediment Storage, AC.FT.:[1/] _____ 66) Flood Storage, AC.FT.:[1/] _____

67) Surcharge Storage, AC.FT.:[1/] _____ 68) Other Storage, AC.FT.: _____

69) Principal Spillway Type: ☐Concrete Pipe (CP) ☐Open Concrete (OC) ☐Corrugated Metal Pipe (CM) ☐None (NO) ☐Concrete Box (CB) ☐ Welded Steel (WS) ☐Plastic (PT) ☐Other (OT)

70) Auxiliary Spwy #1 Type:_____ Codes: VE - Vegetated RK - Rock ST - Structural

71) Auxiliary Spwy #2 Type:_____ EA - Earth OT - Other NO - None

72) Auxiliary Spwy #3 Type:_____ HR – Hard Rock SR – Soft Rock

73) Conduit Height/Dia:_____Ft. 74) Conduit Width:_____Ft. 75) Number of Conduits:_____

76) Cool Water Release: ☐Yes ☐No

[1/] SEE BACK FOR CODE DEFINITIONS

Permit No. To Construct: _____ Permit No. To Operate: _____

Remarks: _____

_____

[1/] DAM INVENTORY CODE & DEFINITIONS

Owner Type (14)
F – Federal
S – State
L – Local Government (PL-566)
U – Public Utility
P – Private Owner

Foundation (19)
Material: R – Rock
RS – Rock & Soil
S – Soil
U – Unlisted/Unknown
Certainty: K – Known
Z – Estimated

Type of Dam (17)
RE – Earth
ER – Rockfill
PG – Gravity
CB – Buttress
VA – Arch
MV – Multiarch
CN – Concrete
MS – Masonry
RC – Roller Compacted Concrete
ST – Stone
TC – Timber Crib
OT – Other

Core (18)
Position: F – Upstream Facing
H – Homogenous Dam
I – Core
X – Unlisted/Unknown
Type: A – Bituminous Concrete
C – Concrete
E – Earth
M – Metal
P – Plastic
X – Unlisted/Unknown
Certainty: K – Known
Z – Estimated

Purposes (20)
I – Irrigation
R – Recreation
T – Tailings
D – Debris Control
C – Flood Control
P – Fire Protection
S – Water Supply
F – Fish & Wildlife
O – Other
G – Grade Control

Year Modified (22)
S – Structural
F – Foundation
E – Seismic
H – Hydraulic
M – Mechanical
O – Other

Outlet Gates (40)
X – None
L – Vertical Lift
S – Slide
U – Uncontrolled
F – Flap
V – Valve
O – Other Controlled

O&M Inspection Respon. (57)
OWNER (if same as field 13)
JOINT (for Owner & NRCS)
NRCS
OTHER
NONE (No O&M Agreement)

Population At Risk Accuracy (61)
E – Estimated
A – Analyzed Breach Map

Downstream Hazard (32)
Hazard Classification (62)
L – Low (NRCS Class a)
S – Significant (NRCS Class b)
H – High (NRCS Class c)

(11) Nearest City or Town - Nearest downstream community affected if breach were to occur

(12) Distance To Nearest City/Town - Stream miles to affected town

(24) Dam Height - Top of dam to downstream toe (nearest ft.)

(25) Structural HT. - Top of dam to lowest point of excavated foundation

(26) Hydraulic HT. - Maximum design water level to downstream toe

(60) Population At Risk – All persons exposed to breach flood waters if no evacuation

(64) EAP Year: - Year of most recent review and verification of existing or implementation of new EAP

(65) Sediment Storage - Considered as the volume below the principal spillway elevation

(66) Flood Storage - Volume between principal and auxiliary spillways

(67) Surcharge Storage - Volume between auxiliary spillway and top of dam