

MSHA METAL AND NONMETAL TAILINGS AND WATER IMPOUNDMENT INSPECTION FORM

Note: This form should be completed for all dams classified as having high or significant hazard potential and for low-hazard-potential dams which either are 25 feet or more in height (and can store more than 15 acre-feet) or can store 50 acre-feet or more (and exceed 6 feet in height). For the same Mine ID Number, report each dam that meets any of these criteria on a separate form. Fill out as much information as can be obtained from the operator or directly determined.

MINE ID _____ Inspector _____

Date _____

Mine Name _____

Mining Company _____

Mine Product _____ MSHA District _____

MSHA Field Office _____

Name of Dam or Impoundment _____

Dam ID Number _____

(The Dam ID Number is assigned by the District and is the MSHA Mine ID Number followed by -01, -02, etc., so that individual mines at the mine that meet the hazard potential or size criteria have unique numbers.)

State _____ County _____

Does a state agency regulate this dam? Yes ___ No ___

If So, which State Agency? _____

Type of information provided on this form: New ___ Update ___

Is impoundment currently under construction? Yes ___ No ___

Dam owner's contact person _____ Phone # _____

The dam was designed by _____ aaaaaaaaaaaaaaaaaaaaaa _____

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IMPOUNDMENT FUNCTION:

_____ Tailings/Mine Waste Disposal _____ Sediment Control
_____ Fresh Water Supply _____ Water Treatment _____ Other

Nearest Downstream Town Name: _____

Distance from the Dam _____ miles

Dam Location (coordinates of center of dam crest or point along dam crest for diked dams):

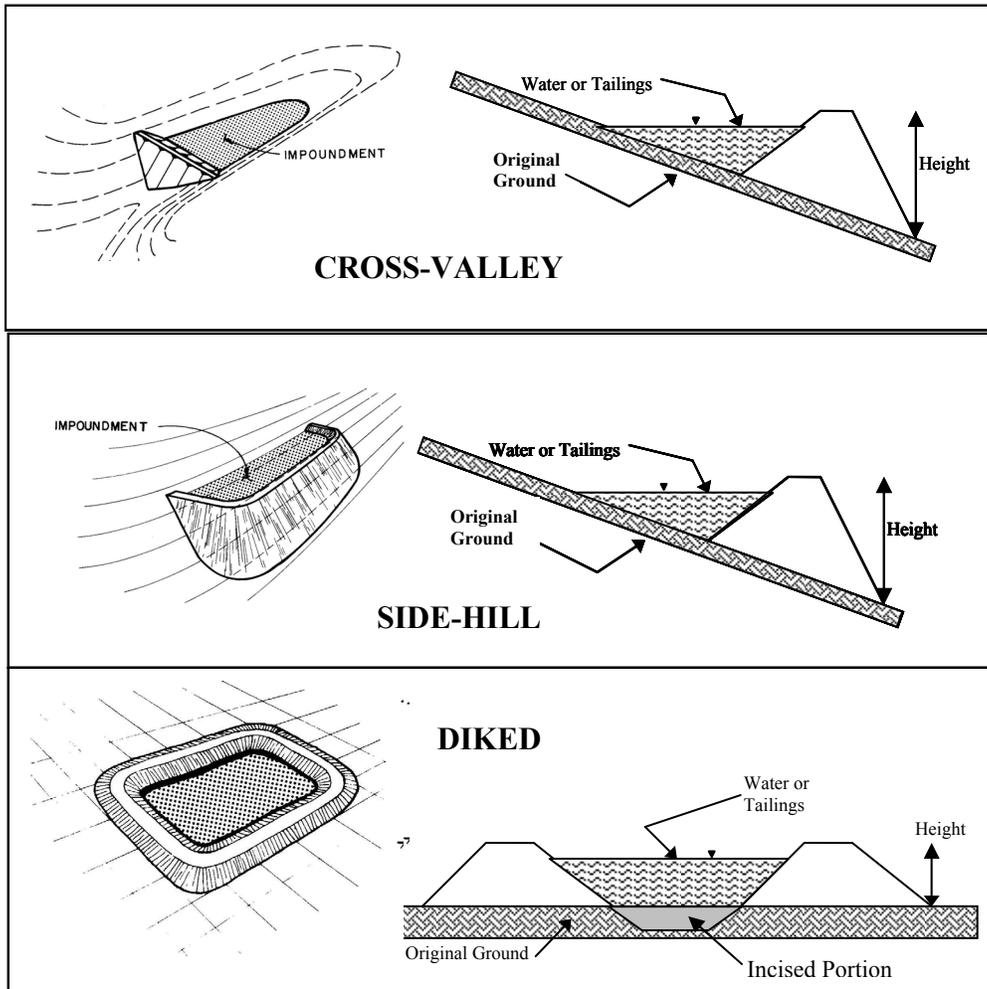
Longitude (as decimal) _____ (or as ___ Degrees ___ Minutes ___ Seconds)

Latitude (as decimal) _____ (or as ___ Degrees ___ Minutes ___ Seconds)

Note: Longitude or latitude as a decimal equals [(degrees) + (minutes/60) + (seconds/3600)].

Longitude and latitude are input into MSIS as decimal values, with the longitude being negative.

CONFIGURATION:



Cross-Valley _____ Side-Hill _____ Diked _____

Note that any portion of an impoundment that is “incised,” meaning it is excavated below undisturbed natural ground such that release of that portion of the impoundment is precluded, should not be considered in the storage capacity or in the dam height reported on this form.

Type of dam construction: ___ upstream ___ downstream ___ centerline

Dam Height (above downstream toe): _____ feet Dam Crest Length: _____ feet

Reservoir Area: Width _____ feet Length _____ feet or _____ Acres (W x L / 43560)

Current Freeboard: _____ feet Drainage Area: _____ square miles

Normal Storage Capacity: _____ acre-feet Maximum Storage Capacity: _____ acre-feet

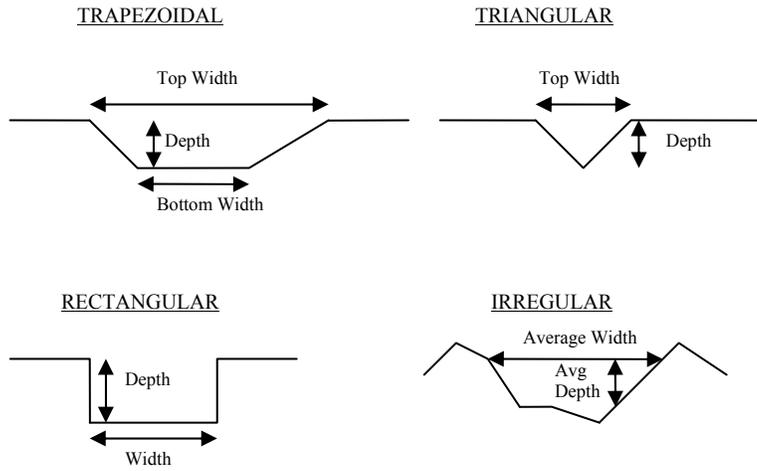
TYPE OF OUTLET: (Mark all that apply)

Open Channel Spillway:

Yes ___ No ___

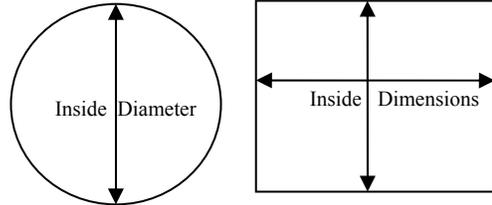
- ___ Trapezoidal
- ___ Triangular
- ___ Rectangular
- ___ Irregular

- ___ Channel Depth
- ___ Bottom (or average) width
- ___ Top width



Decant Conduit: Yes ___ No ___

Size of conduit: Inside diameter: ___ inches
 or Width: ___ inches x Height: ___ inches



Conduit Material

- ___ corrugated metal
- ___ welded steel
- ___ concrete
- ___ plastic (HDPE, PVC, etc.)
- ___ other (specify) _____

Is water flowing through the decant? Yes ___ No ___

Other Type of Outlet (specify, e.g. floating pump system) _____

Has the dam been totally removed or breached or has the impoundment been filled in so that the impounding capability has been eliminated? Yes ___ No ___
 If "Yes," as of what date? _____

