

# GEDDES DAM

Ann Arbor, MI

## QUICK LOOK

Owner: City of Ann Arbor

Purpose: Recreation

Height/Head: 28'/16'

Crest length: 150+/-'

Spillway width: 87'

Pond size: 261 acres

Lake level: 747.20 to 747.80

Dam Type: Concrete gravity spillway with earth embankments

Contact:

**Brian Steglitz**

734-794-6426, ext. 43905

**BSteglitz@a2gov.org**



## HISTORY AND LOCATION

Geddes Dam was constructed in 1919 and rebuilt in 1972. The work operated as a hydropower dam until 1959. Geddes Pond is now used for recreation. Geddes underwent major improvements in 2014, concrete repair, reconditioning of hoist equipment housings and repair of tainter gates.

Original designer: Gardner Williams

Original Construction Contractor: *Unknown*

Original Construction Cost: *Unknown*

Location: 42.2709 N, 83.6712 W

Nearest cross streets: N Dixboro Rd & Old Dixboro Rd

Miles to nearest upstream dam: Argo Dam, 5.0 river miles

Miles to nearest downstream dam: Superior Dam, 2.5 river miles

Water travel time between Argo Dam and Geddes: *unknown*

Water travel time between Geddes and Superior: *unknown*

## OPERATION DETAILS

Dam description: Geddes Dam has two spillways with concrete ogees. Each spillway contains two bays. The total open spillway length at Geddes Dam is 88 feet. The dam is operated to maintain a constant pond level within 1 tenth of a foot.

Operator agency: City of Ann Arbor

Owner agency: City of Ann Arbor

Dam type/mechanism: gravity

Operation mode: automated

Height: 28'

Head: 17'

Embankment crest length: 150'+/-

Spillway width: 87'

Spillway capacity: 9,700+ CFS (200 year flood)

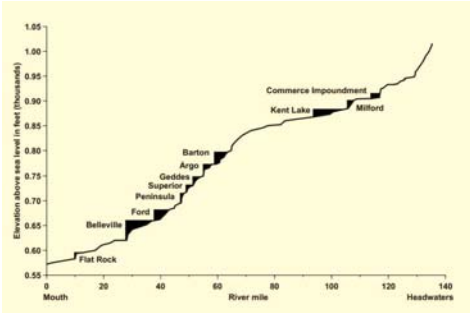
Pond Size: 261 acres

Lake Level: 747.20 to 747.80

Impoundment storage capacity: Should be 0 per statute since dam is run of river. Elevation range needed to estimate capacity

Monitoring equipment:

- Pressure transducers, gauge height sensors, sluice gate controls
- SCADA system; remote and automatic controls



Elevation changes, by river mile, from the headwaters to the mouth of the Huron River. Major mainstem dams and the impoundments they create are shown. (MDNR Huron River Assessment, 1995)

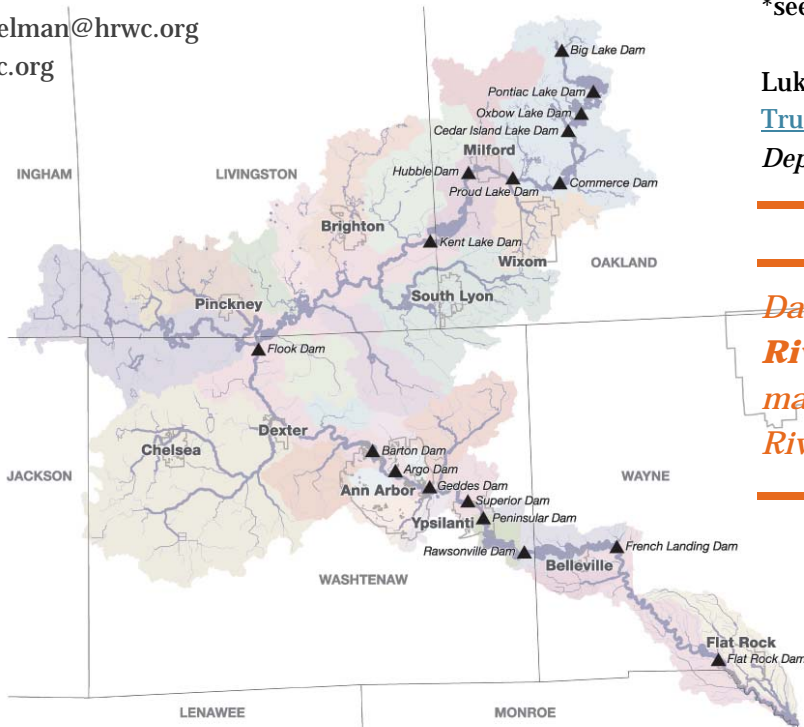


View of Geddes Dam from PICTURE NEEDED

## Contact Us

### Huron River Watershed Council

1100 N. Main St, Suite 210  
 Ann Arbor, MI 48104  
 734-769-5123 x611  
 resselman@hrwc.org  
 hrwc.org



## SAFETY AND ASSESSMENT

Regulations: NREPA, 1994 PA 451 Part 315, Dam Safety  
 Most recent inspection: ??  
 Inspection requirements and schedule: Triennial  
 Emergency Action Plan required: yes

Safety signage. At dam: yes. At portage: no. Below dam: no.  
 Barricades: pontoon float buoys upstream and downstream  
 Portage: yes  
 Lighting: no

## EMERGENCY CONTACTS

Geddes Dam Contact: Brian Steglitz, 734-794-6426, ext. 43905  
 Backup Contact: Rob Coon, 734-845-0776

Nearest Upstream Dam (non AA owned/operated): Flook Dam  
 Contact: Arthur Stauch, 734-216-4009  
 Backup Contact: Bob Griffin, 734-260-0465

Nearest Downstream Dam (non AA owned/operated): Peninsular Paper  
 Contact: Stan Kirton, City of Ypsilanti, 734-483-1421

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**Emergency Response Agency: 911**  
 \*see emergency action plan

Luke Trumble  
[TrumbleL@michigan.gov](mailto:TrumbleL@michigan.gov), 517-284-5581  
 Dept of Environmental Quality, Dam Safety Unit

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*Dam Reports produced through the **Huron River Dams Network** connecting the 17 mainstem dam operations on the Huron River from Big Lake to Flat Rock.*

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