



Ice Lake Preservation & Augmentation Project

Lakeside Estates Preserve Homeowners Association, Inc.

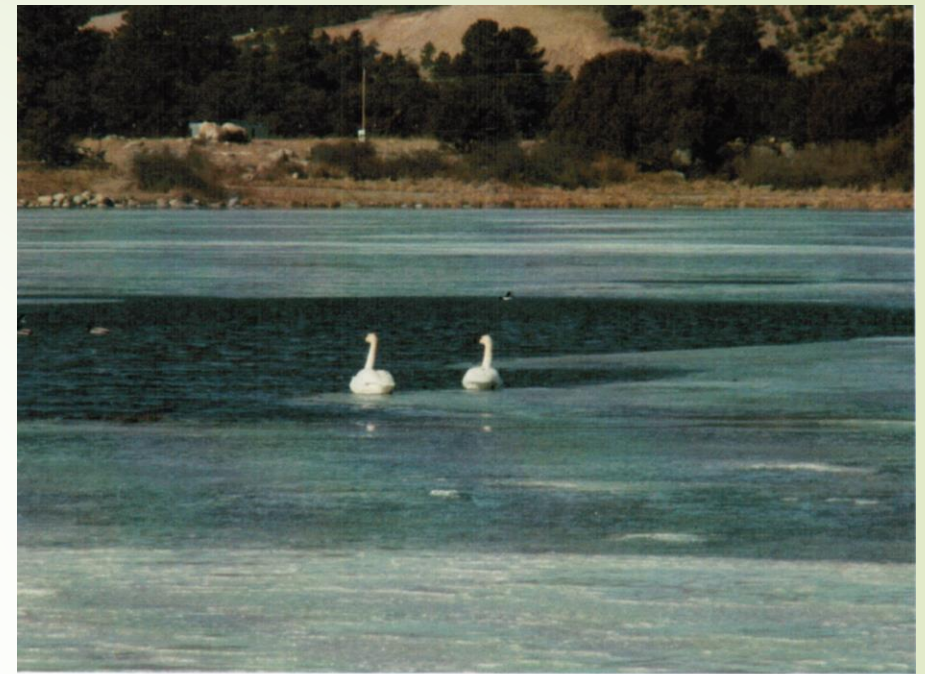
Information & History

- About Lakeside Estates Preserve HOA
- Ice Lake Info/ History
 - Located on Cottonwood Creek near Buena Vista
 - Fed By Franklin Springs
 - Decreed to Store up to 83.44 acre-ft.
 - Historically Used for Ice Manufacturing
 - Appropriation Date - 1882
 - Adjudication Date - 1942



Habitat

- *Ice Lake provides the best shallow open water habitat and corresponding emergent wetlands in Chaffee County.*
- Ice Lakes Provides the Following Deepwater and Wetland Habitats:
 - Lacustrine – Limnetic (Deepwater habitat 8.2 feet or deeper)
 - Lacustrine – Littoral (includes unconsolidated bottom less than 8.2 feet), aquatic beds, rocky shore, and non-persistent emergent wetlands
 - Palustrine – emergent wetland, scrub-shrub wetland
- *Ice Lake provides habitat for over 80 species of birds and several mammals*



Need & Solutions

- Administered as a 1942 Right
- Requires Augmentation for Evaporative Loss
- Will Lose Existing Habitat if Lake is Lowered
- Purchase Additional Augmentation annually through UAWCD
- Need New Outlet Structures and Measuring Devises
- Need Historic Use analysis for purchased water right



Budget & Request

<u>Task No.</u>	<u>Description</u>	<u>Matching Funds</u> (cash & in-kind) ⁽²⁾	<u>WSRF Funds</u> (Basin & Statewide combined) ⁽²⁾	<u>Total</u>
1	Bathymetric Survey	\$0	\$3,500	\$3,500
2	Telemetry Station-Equipment/Installation	\$0	\$16,430	\$16,430
3	Lake Releases & Control Structures	\$0	\$7,500	\$7,500
4	Augmentaion Agreement	\$0	\$1,480	\$1,480
5	Historic Use Analysis & Engineering Review	\$11,460	\$0	\$11,460
6	Project Management	\$2,826	\$0	\$2,826
Total		\$14,286	\$28,910	\$43,196

Funding Requests	Amount	% of State
Match=	\$ 14,286	55%
Basin Request=	\$ 2,891	11%
Match + Basin Request=	\$ 17,177	66%
Statewide Request=	\$ 26,019	

Questions?

