

MITRE

MEMORANDUM

To: Dr. Víctor Hugo Alcocer
Subdirector General Técnico, CONAGUA

Date: 17 November 2017

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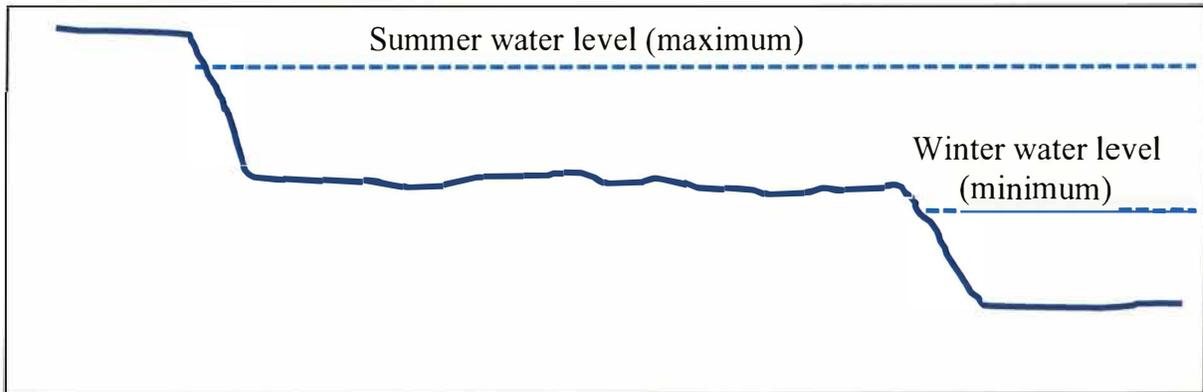
Subject: Water Level and Island Flattening Recommendations

Dear Dr. Alcocer:

The two recommendations that follow are a part of a number of recommendations to attempt to reduce the number of large and flocking birds at Lago Nabor Carrillo and adjacent water bodies, especially during winter when migratory birds are present. MITRE has discussed with Grupo Aeroportuario de la Ciudad de México (GACM) and CONAGUA these and other recommendations.

It is important to add that there is no assurance at this experimental stage, that these or other recommendations will be successful. However, in the meantime, for CONAGUA to go ahead, MITRE is providing two recommendations, in writing:

- 1) **Water level**. It is recommended that CONAGUA reduce the water level at **four** water bodies in the southern area of Texcoco: Lago Nabor Carrillo, Laguna Facultativa, Laguna Recreativa, and Lago Churubusco **as much as possible and as soon as possible, to hopefully achieve some results this winter. This will allow biologists to evaluate if the strategy of reducing water levels and surface areas of these water bodies is effective in lowering the number of migratory birds that pose a risk to aircraft.**
- 2) **“Islands”**. It is recommended that any “islands” that can be seen at Lago Nabor Carrillo once the water level decreases be graded (the islands should be flattened so the dry bottom of the lake becomes flat). Additionally, it is recommended that any islands that are still protruding through the surface of the water (the side of the lake where islands are still visible), be flattened so that they are clearly under the water surface. To the extent possible, the shoreline of the lake should be steep (*inclinada*) **so that birds are not able to easily wade in and out of the water** (see sketch below, which is not to scale).



Sincerely,

Ing. Robert W. Kleinhans
Project Technical Coordinator

CC: Dr. Bernardo Lisker, MITRE