

Attachment E

Informal Scoping Comment Analysis

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Comment Number	Submitter Name	Comment	Category	Likely Location Addressed in EIS/Feasibility Study	Area of Concern
IS02A-01	Lakes on Eldrige North Community Association (LOEN CA)	Do not extend the Addicks Reservoir operational flood pool beyond the current Reservoir boundary. (a) Perimeter [community associations] do not want major Loss of Commuity from this Option. (b) MUDs, CyFair-ISD and Harris Couty do not want major Loss of Property Tax Base from this Option.	Unsupported Alternative -- Spillway Modifications	Chapter 2: Plan Formulation	Plan Formulation
IS02A-02	LOEN CA	Do not extend NE Armored Auxiliary Spillway to cross Tanner Rd and approach WLY Rd. (a) ACOE formally mentioned this 108 ft elevation Spillway is not to be raised. No significant additional Reservoir capacity can be gained by Aux Spillway extention, because the ground elevation of adjacent communities (LOE & LOEN), and Tanner Rd, is 107-112 ft.	Unsupported Alternative -- Spillway Modifications	Chapter 2: Plan Formulation	Plan Formulation
IS02A-03	LOEN CA	Consider moving the NE Armored Auxiliary Spillway closer to the Dam Outlet Structure. (a) The resulting benefit will reduce the Dam uncontrolled overflow volume passing thru lower elevation communities, businesses, and industries (bounded by East Levee to SH-8, and Tanner Rd to Memorial Dr.). However, this will not change the uncontrolled overflow hydraulic dynamics (total Dam uncontrolled overflow entering Buffalo Bayou). (b) Reservoir Flood Pool could be kept closer to the Government owned boundary, by so moving the Auxiliary Spillway, plus lowering it to about 106-107 ft elevation,	Alternatives to Consider -- Spillway Modifications	Chapter 2: Plan Formulation	Plan Formulation
IS02A-04	LOEN CA	Start storage projects in a timely manner, such that actual excavation volumes provide real-time storage volumes. It is neither prudent for Perimeter Communities, nor cost-effective for Governments, to wait for significant flood protection from mega-projects to become available around 2037...	Timeline	Chapter 1: Process	Study Process

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IS02A-05	LOEN CA	Increase stormwater storage in Addicks Reservoir downstream of flood threatened communities. (a) Within the reservoir, excavate Tributary channels, build pump-out basins and settling basins.	Alternatives to Consider -- New	Chapter 2: Plan Formulation	Plan Formulation
IS02A-06	LOEN CA	Increase stormwater storage (dry basins and/or pump-out basins) upstream of flood threatened communities...Upgrade upstream dry storage basins to long-term Retention, rather than short-term Detention. The process can be automated using remote wireless actuated valves.	Alternatives to Consider -- Detention	Chapter 2: Plan Formulation	Plan Formulation
IS02A-08	LOEN CA	Provide a Phone & Email Flood Alert System that predicts Addicks Reservoir Pool Elevation vs Time. Individual [community associations] can correlate this to local street flooding. HCFCD just rolled-out an automated and customized water level and rainfall alerts Alert System which appears to offer such capabilities.	Modification of Alternative -- Nonstructural	Chapter 2: Plan Formulation	Plan Formulation
IS04A-01	Harris County Municipal Utility District No. 370 (HC MUD 370)	Our most important recommendation is to revise the USACE policy of closing the outflow gates from Addicks (and Barker) Reservoirs days before an approaching major storm, as was done during Hurricane Harvey in 2017. While the policy of fully closing the gates made sense when the reservoirs were originally constructed, now that there are many residential communities adjacent and upstream of Addicks Reservoir, a new policy of partial release of flow up until the arrival of a major storm would seem to balance the flood protection needs of upstream and downstream communities.	Modification of Alternative -- Dam Operations	Chapter 2: Plan Formulation	Plan Formulation

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IS04A-02	HC MUD 370	Focus on increasing hydraulic conveyance. While HCFCF is currently making good progress on cleaning and desilting waterways upstream of Addicks Reservoir, it is also imperative that the drainage pathways within Addicks Reservoir itself be dredged, desilted, and/or otherwise periodically maintained to remain clear at all times in preparation for future major storm events.	Alternatives to Consider -- Excavation/ Dredging	Chapter 2: Plan Formulation	Plan Formulation
IS04A-03	HC MUD 370	We favor USACE's proposal to increase stormwater capacity within Addicks Reservoir's current boundaries. Excavate within the reservoirs naturally sited ground elevation areas, tributary channels, and basin areas to increase storage capacity.	Supported Alternative -- Increase Reservoir Capacity	Chapter 2: Plan Formulation	Plan Formulation
IS04A-04	HC MUD 370	Constructing a 3rd reservoir in northwest Harris County along the banks of Cypress Creek should be a top priority. Roughly 1/3 of the volume that inundated Addicks Reservoir during Hurricane Harvey spilled over from the Cypress Creek watershed into Addicks watershed. Constructing a large reservoir along Cypress Creek, in the proper location, would simultaneously (i) prevent this flow from inundating Addicks and surrounding communities, and (ii) store it long enough to allow downstream levels in Cypress Creek to subside before draining out toward the west fork of the San Jacinto River.	Supported Alternative -- New Reservoir	Chapter 2: Plan Formulation	Plan Formulation
IS04A-05	HC MUD 370	Focus on increasing hydraulic capacity downstream of the Addicks and Barker Reservoirs. This was proposed in the 1990s when a large underground culvert system along I-10 toward the ship channel was considered but never implemented. Some versions of a similar plan are currently being discussed; the additional hydraulic capacity could provide would be critical.			

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IS04A-06	HC MUD 370	Do not extend the Addicks Reservoir operational flood pool beyond the current Reservoir boundary. Residents do not want a major loss of community and local authorities (including Harris County Municipal Utility District No. 370) do not want a major loss of property tax base from this USACE proposed project.	Unsupported Alternative -- Spillway Modifications	Chapter 2: Plan Formulation	Plan Formulation
IS04A-07	HC MUD 370	Do not extend NE Armored Auxiliary Spillway to cross Tanner Road towards West Little York Road. According to a recently furnished HCFCG Ground Elevation Map of adjacent communities, almost no additional reservoir storage capacity can be gained from such an extension if the auxiliary spillway height is maintained at 108 ft.	Unsupported Alternative -- Spillway Modifications	Chapter 2: Plan Formulation	Plan Formulation
IS04A-08	HC MUD 370	We favor USACE's proposal to move the NE Armored Auxiliary Spillway, if moved closer to the dam outlet structure. This would reduce the volume of uncontrolled dam overflow passing through lower elevation communities, businesses, and industries. This would not increase the dam's uncontrolled volume entering Buffalo Bayou.	Alternatives to Consider -- Spillway Modifications	Chapter 2: Plan Formulation	Plan Formulation

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IS05A-01	John Lewis Sr.	<p>The J.B.L. Flood Eradication System [relies on a system of tanks to store water]: 1) The system provides prevention of rainwater overflow, which causes flooding; 2) provides a variety of design models to accommodate available space; 3) customizable design to meet the needs of various areas; 4) cost effective models decrease the current flood eradication solutions; 5) implemented in as little as three (3) months (depending on desired capacity); 6) income generating capacity (recycle/resale rain water); 7) monitored system provides alerts to unload when tanks are reaching capacity; 8) overflow water is released to water trucks deployed to carry it to designated location/resale... Each customizable tank can be created to accomodate available space; the tank(s) can be designed to stand vertically or lie horizontally depending on the size of the tank; cost is minimized by employing existing spacing; a pumping system is utilized to transfer excess wter from teh flood retention pond into teh tanks; monitored tanks can be offloaded via water tank truck(s) and transported to designated water recycling centers; recycled rain water can be resold to cover teh cost of the J.B.L. Flood Eradication System and eventual profits. [drawings of tank designs included]</p>	Alternatives to Consider -- New	Chapter 2: Plan Formulation	Plan Formulation