LA County Flood Control’s
Hahamongna Sediment Program

Final EIR Review – The Big Dig
### LA County Flood Control’s Hahamongna Sediment Removal Program

#### Hahamongna Timeline

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1994</td>
<td>Last big sediment removal</td>
</tr>
<tr>
<td>Aug. 2009</td>
<td>Station Fire</td>
</tr>
<tr>
<td>Jan. 2010</td>
<td>Major Flood</td>
</tr>
<tr>
<td>Nov. 2010</td>
<td>County Announces 1.67 mcy removal program</td>
</tr>
<tr>
<td>Apr. 2011</td>
<td>Supervisors Order EIR</td>
</tr>
<tr>
<td>Nov. 2013</td>
<td>Draft EIR issued for comments</td>
</tr>
<tr>
<td>May 2014</td>
<td>Pasadena Council Approves Sediment Working Group Recs</td>
</tr>
<tr>
<td>Oct. 2014</td>
<td>Final EIR released</td>
</tr>
<tr>
<td>Fall 2015</td>
<td>Sediment Program to Begin</td>
</tr>
</tbody>
</table>
What’s Wrong with the Big Dig?

- 150,000 Trucks; 400+ per day
- Congested Traffic
- Noise and dust
- Loss of Recreational Activity
- Massive Habitat Destruction
- 2007 Diesel Trucks are not low-emission
1. The Big Dig is an outdated mining and trucking operation that is just going to happen again in 20 years.
2. It is not sustainable, doesn’t deal with climate change, or integrate with stream restoration and watershed management
3. It is not responsive to Pasadena and massive public input
There is a Better Plan

Pasadena Sediment Working Group Recommendations

Goals:

• To ensure flood protection for local residents below Devil’s Gate Dam
• To preserve the rare natural values of the Arroyo Seco and Hahamongna Watershed Park, and
• To minimize impacts on local neighborhoods.

These goals can best be achieved by an ongoing sediment management program that minimizes negative impacts on Hahamongna and the surrounding neighborhoods.

- Unanimously approved by Pasadena City Council – May 12, 2014
## Comparison

<table>
<thead>
<tr>
<th>Project Impact</th>
<th>County Flood Control District</th>
<th>Pasadena Proposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trucks Per Day</td>
<td>400+</td>
<td>120</td>
</tr>
<tr>
<td>Sediment Removed</td>
<td>$2.4^{+1}$ mcy</td>
<td>1.1 mcy; ongoing</td>
</tr>
<tr>
<td>Footprint</td>
<td>120+ acres</td>
<td>40 acres</td>
</tr>
<tr>
<td>Permanent Habitat Impact</td>
<td>71 acres with permanent roads</td>
<td>40 acres (with 10 acre conservation pool)</td>
</tr>
</tbody>
</table>

$^{1}$ 2.4 million cubic yards plus any additional deposits
# Comparison

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<tr>
<th>Project Impact</th>
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<th>Pasadena Proposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount Per Year</td>
<td>800,000⁺¹ cy</td>
<td>220,000 cy</td>
</tr>
<tr>
<td>Duration</td>
<td>5 years</td>
<td>5 years +</td>
</tr>
<tr>
<td>Mitigation²</td>
<td>1:1</td>
<td>5:1</td>
</tr>
</tbody>
</table>

¹ 800,000 cy plus any additional deposits
² Mitigation plan is not detailed
The Sustainable Sediment Management Program Approved by Pasadena City Council

- Pasadena proposes a long-term agreement with LACFCD for the County to achieve and maintain a capacity in the Hahamongna basin for 2.5 million cubic yards (mcy) of sediment.

- In reaching and maintaining this capacity, no more than 220,000 cubic yard (cy) would be removed per year, except after unusually large storm events.

- Maintaining sediment capacity of 2.5 mcy will ensure adequate flood protection while minimizing impacts to habitat and recreation activities in Hahamongna Watershed Park and the surrounding communities.
Target: 2.5 mcy of Sediment Storage

Sediment has ranged from 2.5 mcy to about 4.0 mcy since the 1930s.

If the County’s goal is so sacred, why hasn’t the sediment level been that low since 1935?
Removing excessive sediment is costly, destructive to our neighborhoods and destroys the stable base for healthy habitat.
The County claims their Big Dig conforms with Pasadena’s Hahamongna Watershed Park Master Plan initially approved in February 2000.

But that 15-year-old plan calls for:
• Development of a cooperative program with Pasadena and a multi-agency task force
• An ongoing sediment removal program with regular small removals
• Procedures that promote preservation of native habitats
• A seasonal conservation pool by the dam
• Minimizing impact to the basin and surrounding neighborhoods
• State of the art equipment to minimize dust and noise

If the County had followed the HWMP, Hahamongna would not have filled up with sediment to the current level.
Footprint of the FEIR Compared to the Pasadena Recommended Footprint

* Pasadena footprint of forty acres includes ten acre seasonal conservation pool near dam.
Advantages of the Pasadena Plan

- Roadmap for ongoing, sustainable sediment management
- Reduced neighborhood impacts (75% less)
- Stable base for habitat, wildlife and recreation
- Will prevent dangerous sediment accumulation while preserving nature
- Integrates with watershed and ecosystem restoration goals

Pasadena Proposed Target Sediment Level - 2.5 mcy
What you can do:

November 3 – Pasadena City Council Meeting

Urge the Pasadena City Council to stick by their recommendations and protect our neighborhoods and Hahamongna

November 12 – LA County Supervisors Meeting

Tell the County Supervisors to adopt a 21st century sustainable flood and sediment management program

For more information and updates:

www.savehahamongna.org

To help Save Hahamongna, contact the Arroyo Seco Foundation, savehahamongna@arroyoseco.org