

ATTACHMENT 'A'

Memorandum

To: Pasadena City Council
CC: Pasadena City Manager
From: Environmental Advisory Commission
Date: 12/12/2013
Re: Los Angeles County Department of Public Works Sediment Removal in Hahamongna Watershed Park—Draft Environmental Impact Report

Executive Summary

The Los Angeles County Department of Public Works is planning a massive five-year sediment removal project at Hahamongna Watershed Park that will cause enormous impacts to the City of Pasadena. As detailed later, the scope of these impacts is so severe that the Environmental Advisory Commission is compelled to urge the Pasadena City Council to review the Draft Environmental Impact Report issued by the County on October 23, 2013, and to work with the County and stakeholders to develop a responsible sustainable method of sediment removal. This document provides background on Hahamongna Watershed Park, the serious impacts to the City of Pasadena that would occur if the project proceeds, problems with the draft EIR issued by the County, and a recommendation for an alternative solution that the City of Pasadena should pursue.

Hahamongna – An Unparalleled Environmental Treasure

Hahamongna Watershed Park, at the foot of the San Gabriel Mountains, is a rare and unique environmental resource, unparalleled in our region for its importance for water and biological resources. For many decades Pasadena and its residents have worked hard to protect and enhance the natural character of this alluvial canyon and its rich riparian and streamzone habitat. Major community-based planning efforts and city policy documents, such as the Arroyo Seco Master Plan and Open Space Element of the General Plan, have been developed to reflect Pasadena's commitment found in the UN Urban Environmental Accords, adopted by the city, to protect critical habitat, such as that found in Hahamongna. Those accords also commit the city to take major steps to reduce green house gases.

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Background on Sediment Management in Hahamongna Watershed Park

Devil's Gate Dam has been collecting sediment ever since it was built on the Arroyo Seco in 1920. In 2009, the Station Fire burned most of the undeveloped watershed of the Arroyo Seco. The loss of vegetation caused the winter storms in January 2010 and 2011 to deposit 1.2 million cubic yards of sediment behind the dam. Now the Los Angeles County Department of Public Works is planning a massive five-year sediment removal project which will cause enormous impacts to the City of Pasadena. Because the scope of these impacts is so severe, the Environmental Advisory Commission is compelled to urge the Pasadena City Council to review the Draft Environmental Impact Report issued by the County on October 23, 2013, and to work with the County and stakeholders to develop a responsible sustainable method of flood control, including a reasonable method of sediment removal. Clearly, this problem is not a new one, and it requires new thinking in order to prevent the permanent destruction of much of one of Pasadena's most beloved parks and open spaces.

Problems with the Project

The EAC has identified the following problems with the project proposed by the County. Any single one of these concerns is significant enough to warrant review by impact of this project on the City of Pasadena; taken together, they offer a compelling argument that the project as proposed is unacceptable.

Significant Increases in Air and Noise Pollution: The County's sediment removal project will pollute the air. 425 trucks per day (that is 50 trucks per HOUR) will drive through local neighborhoods and on the 210 freeway. The trucks will operate for nine months or more per year, six days a week. These diesel trucks, which will not meet current EPA standards, will cause unacceptable levels of air pollution, noise, and odor. According to Dr. Frank Gilliland, the Hastings Professor with the Division of Environmental Health in the Department of Preventive Medicine at the University of Southern California, "[e]veryone in Pasadena will be exposed to elevated levels of air pollution, especially diesel exhaust from the heavy truck traffic and off-road equipment used on the site" and "[c]hildren and pregnant women are vulnerable groups for the adverse effects of elevated levels of air pollution and diesel exhaust. A large scientific body of evidence has shown the diesel exhaust exposure is associated with adverse pregnancy outcomes, increase risk for asthma, reduction lung development and adverse effects on neurodevelopment." Dr. Gilliland also cites the increased risk of lung cancer caused by diesel. This level of risk, unmitigated by the County in any way, is simply unacceptable for our City.

Significant Increases in Traffic: The County's sediment removal project will significantly increase traffic. The proposed schedule of a ten-hour work day six days a week operation will impact the affected communities with constant sound pollution and increased traffic. The freeway onramp the project trucks will access is a main artery for residents of the affected communities. Trucks moving through that area during rush hour would impose an increased traffic burden. The interchanges

to the 134 West and the 210 East are already quite backed up during morning rush hour. Also, the Woodbury/Arroyo access to the 210 is adjacent to an elementary school and additional morning traffic in the area could negatively impact the access and safety of students and parents entering the school.

Permanent Loss of Significant and Critical Habitat: The County's sediment removal project permanently destroys 50-120 acres of regionally significant willow and mulefat riparian forest. Because this forest is quite large, it is very unusual in our region, and it provides critical habitat for a variety of animals and birds, including nesting Yellow Warbler, which is a species of Special Concern in California; in 2012, 'Least' Bell's Vireo, which is a federally endangered species, nested here for the first time. Other animals found here include mountain lion, bobcat, mule deer, gray fox, gopher snake, pacific tree frog, and other reptiles and mammals. The project destroys other types of habitat as well, including freshwater marsh, alluvial scrub, and chaparral. All of these types of habitat are rare in Pasadena and must be protected.

Absent or Inadequate Mitigation of Habitat Loss: The County offers no mitigation plan. This is unacceptable. Because this lost habitat is riparian, it should be replaced at a ratio of between 3:1 and 5:1; not 1:1 as proposed in the DEIR. Much of the mitigation is planned to take place off-site, not in the Hahamongna basin. This means we will lose our park, and, again, this is not acceptable.

Problems with the Draft Environmental Impact Report

The EAC has identified the following problems with the draft EIR issued by the County of Los Angeles.

The DEIR provides no scientific rationale. The County never makes a science-based case for the need to remove 2.4 to 4 million cubic yards of sediment. Originally, the Board of Supervisors authorized the DPW to analyze and develop methods to remove 1.67 million cubic yards. But now the DPW claims they need to remove 2.4 to 4 million cubic yards without saying why the amount has increased. Also, they never make the case for the need to remove it within five years.

The DEIR provides no rationale for permanent destruction of habitat. The County also never makes a case for the need to permanently clear-cut 50-120 acres of willow-mulefat forest, which is particularly rich in biological and environmental values. This constitutes destruction of more than 50% of the Hahamongna/Devil's Gate Basin, and therefore negates much of the Hahamongna section of the Arroyo Seco Master Plan.

The DEIR does not address the health effects of air pollution. As Dr. Gilliland says, "[t]he DEIR does an inadequate job of reviewing research findings on the health effects of air pollution, especially diesel exhaust, on health. There is not even one study described or referenced in the DEIR that shows the connection between diesel exhaust and lung cancer or other adverse health outcomes such as asthma."

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This section of the DEIR needs to be redone because of its inadequate response to these concerns.

The DEIR incorrectly states that there are no measures to mitigate these exposures. As Dr. Gilliland points out, “[t]his statement is factually incorrect as there are many measures to reduce exposures. The Ports of Los Angeles and Long Beach have demonstrated effective interventions to reduce impact. The DEIR indicates that increases in diseases among the people of Pasadena are acceptable and unavoidable consequences of the project. This approach is completely inadequate and indicated the DEIR needs to be completely redone with adequate consideration of the health consequences of the project.” Again, we submit that this section of the DEIR is completely inadequate and must be redone. We do not agree that these exposures are acceptable for our city.

The DEIR ignores or underutilizes studies that show adverse effects of noise, studies that show the objectionable nature of the odors associated with these trucks, and studies that show a link between diesel trucks and lung cancer. These lung cancer studies are what led the state of California to declare diesel particulate matter as a Toxic Air Contaminant. The DEIR does not address this adequately.

The biological section of the DEIR has serious flaws. For example, it reports only 50 species of birds for the basin while Pasadena Audubon reports over 206 (reported on ebird.org). The report claims that no Yellow Warblers, a “species of special concern,” have nested there, but Pasadena Audubon Society members have mapped many singing males and photographed parents feeding young in the willow woodlands, all evidence of nesting Yellow Warblers. The report does not list all wildlife species expected to occur, only what few were seen. The biologist did not consult with local organizations, like the Pasadena Audubon Society, who regularly conduct surveys in Hahamongna. Because the ‘Least’ Bell’s Vireo did not nest in 2013, the DEIR does not see it as an issue. This federally endangered bird nested there in 2012, but if the willow forest is destroyed, it is unlikely that it would return. These flaws cause us to doubt the credibility of the biological information as it is presented in the DEIR.

The DEIR ignores recreation impacts. The DEIR found that “Recreation impacts were found to be less than significant.” We know this is not true. The presence of a large industrial operation in the bottom of the Hahamongna basin, causing massive dust and noise impacts, will dissuade many local residents from ever experiencing the magic of Hahamongna, and will reduce the number and enjoyment of those who go there for a restorative nature experience. The Pasadena Audubon Society conducts its monthly bird walk in Hahamongna and has done so for years. This project destroys most of the area where they conduct this walk. PAS conducts monthly bird walk here because of the biodiversity, something the County never addresses. The children in the Tom Sawyer Camps utilize this area, building forts and hiking, and the Rose Bowl Riders ride through here every day. Hikers and dog

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walkers crisscross the basin, while disc golfers enjoy the nearby oaks. Clearly, this area is critical for a broad spectrum of people.

Solutions

The County needs a “forever plan,” one that is sustainable and does not permanently destroy one of the most important open spaces in the region.

The County argues that they need to remove sediment because of the Station Fire, and while we do not dispute that some sediment needs to be removed, we see no compelling argument in the DEIR for removing it in five years. Most of the debris that is going to come down due to the Station Fire has already done so, and the Devil’s Gate Dam reservoir still has capacity.

The EAC urges the Pasadena City Council to ask the County to adopt the proposal offered by Tim Brick, Managing Director of the Arroyo Seco Foundation: Go Slow, Go with the Flow, Let the Habitat Grow, and Keep Costs Low. This plan will mean fewer trucks, less dust, less air pollution, less noise, less habitat destruction, and lower costs.

Go Slow: The County makes no case for removing the sediment in three-five years. This sediment has been building up for almost 100 years, and the basin has never been fully cleaned out. We would like them to take a longer time, ten-twenty years, which would eliminate the need for the Big Dig approach. The Go Slow approach would allow the sediment to be removed in less destructive ways. Instead of removing 800,000-1,200,000 cubic yards of sediment per year, the County should remove 167,000 cubic yards per year, and then annually remove what is necessary based on the amount of inflow. As long as the County removes more than what flows in, they will increase the capacity of the dam.

Go with the Flow: The County should allow more of the sediment to flow through the dam. This is called sluicing or FASTing (Flow-Assisted Sediment Transport). The County has been sluicing sediment through Devil’s Gate Dam for years, and we would like to see more. If they proceed slowly, then they may utilize large storms more effectively to sluice sediment, and can coordinate with the Army Corps of Engineers on its plans to restore habitat in the Los Angeles River. They can conduct pilot programs to determine the effects of increased sluicing downriver. Sluicing returns sediment to where it belongs: the river. This sediment is not a waste product but can be used as an integral part of the restoration of the Arroyo Seco and the Los Angeles River.

Let the Habitat Grow: The County makes no case for keeping 50-120 acres of riparian habitat permanently denuded. This rich riparian habitat should be allowed to grow so it can continue to provide a home for local flora and fauna.

Keep Costs Low: This \$100 million project can cost a lot less if the County uses the SLOW method. By sluicing more sediment through the dam and working with

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nature instead of against it, the costs of this project can be greatly reduced. If the County removed more of the sediment with sluicing, that means they will need fewer trucks, which will save money. If the cost is spread out over ten or twenty years, this provides the County and the City an opportunity to reexamine the process and promote best practices from an economic, engineering, and environmental standpoint. More importantly, this project can serve as a model for other projects, and perhaps the County can find ways to work with nature on the other projects, thereby reducing the costs of sediment removal countywide. The County has estimated costs the range of at \$3-5 billion over the next 20 years, but as this has become an ongoing maintenance expense, the county needs find ways to reduce this cost permanently.

Conclusion

Pasadena has a responsibility as a steward of the environment and natural resources to protect Hahamongna and to promote and utilize sustainable programs for resource management. As the owner of the land involved and the operator of Hahamongna Watershed Park, Pasadena has great leverage to insist on a more environmentally sensitive program.

The Environmental Advisory Commission urges the Pasadena City Council to meet with the County and get satisfactory answers to these concerns. Ideally, we would like to find a way to remove a reasonably measured amount of sediment in a sustainably responsible way, without destroying one of Pasadena's most beloved parks, and without the extreme level of pollution and congestion. Pasadena rightfully prides itself on being a "green" city, with a commitment to open space and clean air, and we ask that Council continue that effort with the Hahamongna Watershed Park.



Hahamongna Watershed Park Advisory Committee

Comprised of
Recreation and Parks Commission • Northwest Commission Members • Environmental Advisory
Commission Members

December 6, 2013

Dear Mayor Bogaard and Pasadena City Council Members,

Pasadena's Hahamongna Watershed Park Advisory Committee ("HWPAC") has reviewed the proposed Los Angeles County Devil's Gate Reservoir Sediment Removal and Management Project (the "project") Draft Environmental Impact Report (DEIR) issued by the Los Angeles County Flood Control District ("the LACFCD") on October 23, 2013.

There is a fundamental issue as to whether the project proposed is even necessary and whether it truly is the proper type and scope of work to address the problems that have been identified. There should be strong consideration given by the Los Angeles County Board of Supervisors to adopt and analyze an integrated and comprehensive means for managing flood control concerns within Pasadena and within the surrounding region.

This Project is of key concern to residents of the impacted neighborhoods, the City of Pasadena, and the region as a whole. It is the opinion of the HWPAC that the proposed project and the alternatives set forth in the DEIR do not adequately address potential and unacceptable impacts to Hahamongna Park, the surrounding communities, and the entire ecosystem, of which Hahamongna is a part.

Devil's Gate Dam is one of many contributors of concern regarding flooding within the purview of the LACFCD. Other mountain ranges in the region as well as storm drains empty into the Los Angeles River, which can also create flooding hazards in the region with or without any watershed from our mountain range or water released from Devil's Gate Dam.

The DEIR does not provide a full analysis of what is quantitatively needed for flood control in the region. The DEIR does not mention other viable and less intrusive methods to address sediment in the Hahamongna Watershed. Furthermore, the proposed project alternatives do not adequately mitigate noise, traffic, air pollution, aesthetic, and habitat degradation in the Hahamongna Park and surrounding communities.

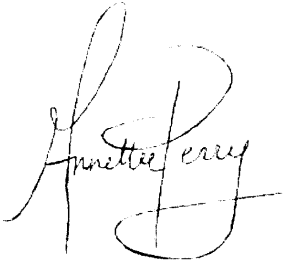
We ask that the City Council urge the Los Angeles County Board of Supervisors and the LACFCD to take into appropriate consideration the overwhelming response of citizens heard during the outreach process as they addressed myriad issues and concerns. We ask that the City Council convey to the Board of Supervisors and the LACFCD that the DEIR should include alternatives that do not focus merely on sediment removal as a means to address

Mayor Bogaard and Pasadena City Council Members
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flood control issues. We further ask that the City Council urge the Board of Supervisors and the LACFCD to craft and carefully analyze options for a project that will protect the Hahamongna Watershed Park environment and ecosystem, that will preserve Hahamongna for recreational uses, and that will minimize the impacts on the surrounding community.

Thank you for your consideration of our advice on this matter.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Annette Perry". The signature is written in black ink and is positioned above the typed name.

Annette Nicole Perry, Chair
Hahamongna Watershed Park Advisory Committee

Attachment C

GRANT OF EASEMENT

MOTION NO 3039

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THIS GRANT made this 1st day of May, 1919, by the CITY OF PASADENA hereinafter referred to as the "City", to The LOS ANGELES COUNTY FLOOD CONTROL DISTRICT, hereinafter referred to as the "District", WITNESSETH:

That in consideration of the conditions, covenants and agreements herein contained, and the benefit to result to the City in the protection of its public streets and municipally owned land from damage by flood, and for the conservation and impounding of waters, the City hereby grants to the District the easement and right to construct and maintain upon lands owned by the City at and near the point in the Arroyo Seco commonly known as Devil's Gate, and being a part of the Rancho San Pasqual, such dam or dams with spillways, by-passes, tunnels and other appurtenances as may be necessary or convenient for the construction and maintenance of a reservoir capable of impounding the waters of said Arroyo Seco for purposes of storage and control: also the right to control such waters to such extent as may be necessary in the prevention of damage by flood, and to thereby submerge certain lands belonging to the City lying within the City of Pasadena, County of Los Angeles in said Arroyo Seco northerly from said Devil's Gate to the approximate extent of 6500 acre feet, said lands being more fully described as lying beneath the 1075 feet contour as determined from benches of the U.S.G.S. and within the following described line:

Beginning at the southeast corner of Lot 1, block 15, Flintridge Sheet 6, as recorded in Book of Maps 26, page 28 records Of Los Angeles County, said point being on the westerly boundary Line of "Arroyo Addition", as annexed to the City of Pasadena and

34 Filed April 19th, 1919 in the office of the Secretary of State
35 of the State of California; thence northerly along the westerly
36 boundary line of said "Arroyo Addition" to Station 9 of the San
37 Pasqual Rancho as recorded in book 1, pages 19 to 20 of Patents,
38 Records of Los Angeles County, being the northwest corner of Lot
39 35, Altadena Map No.3, as recorded in Book 52, page 50, Miscella-
40 neous Records of Los Angeles County; thence south 73° 19' 30" east
41 1513.90 feet to the intersection of the center line of Mariposa
42 Street and the easterly line of said Lot 35, Altadena Map No.3;
43 thence southerly along the easterly boundary line of said "Arroyo
44 Addition" to the southerly corner of Lot marked "Arroyo" as shown
45 on "Map of a Tract of Land owned by L. W. Giddings", recorded in
46 Book 5, page 106, Miscellaneous Records of Los Angeles County;
47 thence southerly along the westerly line of Tract No. 85 as record-
48 ed in Map Book 14, page 44, Records of Los Angeles County, 369.11
49 feet to the most northerly corner of the 14.68 acre tract of Land
50 described in deed from the Pasadena Lake Vineyard Land & Water Co.
51 to John Allin, recorded in book 132, page 594 of Deeds, Records of
52 Los Angeles County; thence along the westerly line of said 14.68
53 acre tract south 55° 30' west 336.6 feet to a point; thence south
54 31° 56' west, 188.76 feet to a point; thence south 10° 28' west
55 479.82 feet to a point; thence south 27° 34' west 554.4 feet to a
56 point; thence south 4° 26' west 452.16 feet to a point in the
57 northerly line of the La Canada Verdugo Road as per county Sur-
58 veyor's map No. 7714, sheet 2; thence leaving said 14.68 acre tract
59 south 10° 49' east, 968.03 feet to a point; thence south 83° 23'
60 west, 329.77 feet to the point of beginning.

61 The City further agrees to furnish all water as necessary
62 for the construction of said dam and reservoir.

63 The foregoing grant is made subject to the following con-
64 ditions:

65 FIRST: That the District shall file with the City clerk
66 of the city of Pasadena for the Commission of said City, copies
67 of all plans and specifications for works proposed to be construct-
68 ed on said land prior to the commencement of operations thereunder;
69 also all plans and specifications for any and all alterations or
70 repairs prior to the making thereof in order that the City may be
71 fully advised as to all proposed construction upon its said land.

72 SECOND: That the District will construct, as its expense,
73 the boulevard which is now designed and planned for the top of the
74 dam and connect said boulevard with the present County boulevard
75 or City street upon the east, with the same rate of gradient which
76 the said street or boulevard now has descending down to a connec-
77 tion with the level top of the dam, and will pave this connection
78 with the same type and grade pavement as now exists in said
79 street or boulevard; and that upon the west end of the dam the
80 street known as Riverside Drive will be carried over the west end
81 of the dam with such width, gradient and other specifications for
82 public highways as now prevail in Los Angeles County. But it is
83 expressly understood that the district shall not be required to
84 maintain after construction any highway connected with the dam
85 higher or lower than the elevation of 1069.00 U.S.G.S. Datum,
86 which is the elevation of the roadway on top of the dam.

87 THIRD: That nothing contained in this grant shall limit or
88 affect the right of the City to maintain a system of tunnels as now
89 constructed, or as it may be hereinafter altered, at and near Devil's
90 gate capable of drawing from the water impounded by the dam to be
91 constructed hereunder, and the City shall have the right at any and
92 all times to draw upon such waters by means of said tunnel system.

93 The City shall file with the District plans of all of its
94 present tunnels, shafts and works in and under lands affected by
95 this easement, and plans of all proposed extensions or material

196 alteration thereof prior to the commencement of work under such
197 plans, and before any work shall be done by the City which shall
198 or might affect any portion of the structures, dam or any other
199 works or appurtenances constructed by the district, the plans there-
200 for shall be approved by the district.

201 FOURTH: That the removal of such brush, trees and vegeta-
202 tion within the area proposed to be flooded by waters impounded
203 by said dam as shall deemed necessary by the City, shall be
204 done by and at the expense of the City, and that the District shall
205 have no right to enter upon the City's lands for that purpose.

206 FIFTH: That in the construction of said dam, provision
207 shall be made for the future installation therein of water, gas
208 and sewer pipes, and conduits for telephone wires and wires carry-
209 ing electrical energy for light, heat or power, and that the City
210 shall have the right to install such pipes or conduits in and across
211 said dam above the elevation of 1068 U.S.G.S Datum at any time
212 without the payment of any consideration therefor to the Districts.

213 SIXTH: That in case the District shall not commence the
214 exercise of rights herein granted within one year from the date
215 hereof, such rights shall lapse and this grant shall become void.

216 It is the intent of the parties to this grant, and a part
217 of the consideration therefor, that to the extent consistent with
218 the purpose of flood control, and the maintenance of said dam, the
219 waters to be impounded thereby shall be so stored and controlled
220 that the City and its inhabitants will derive the greatest possible
221 benefit from the flooding of its said lands, and that no water im-
222 pounded by said dam shall be permitted to flow wastefully or un-
223 necessarily but the construction, maintenance and management of
224 said dam and the disposition of waters impounded thereby shall be
225 solely under the control of the district.

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City Attorney

MOTION

May 1st, 1919

Moved by Commissioner (Salisbury)

That the order made April 28, 1919, approving the form of a certain grant of easement to the Los Angeles County Flood Control District respecting the construction of a dam and the submerging of lands thereby, and ordering the execution of said grant, be rescinded, and that the form of grant of easement presented herewith, conveying to the said District certain rights respecting the construction of a dam and the submerging of lands thereby be approved; that the Chairman of the Commission be authorised and directed to execute the same for and on behalf of the City, and that the City clerk be authorised and directed to attest his signature and attach to said grant the corporate seal of the city.

Motion duly seconded and carried by the following vote;

Ayes: Commissioners Allin, Creller, Hamilton
Newell and Salisbury

Noes: None

ORIGINAL

DEVIL'S GATE DAM AND RESERVOIR
CI 38
65-RW 1.1 and 65-RW 1.2
Fifth District

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RECORDED IN OFFICIAL RECORDS
OF LOS ANGELES COUNTY, CALIF.
59 Min. 1 P.M. MAR 1 1965
RAY E. LEE, County Recorder

EASEMENT DEED

FREE 7 P

WHEREAS, THE CITY OF PASADENA, a municipal corporation (hereinafter referred to as "Grantor"), has heretofore acquired and is now the owner in fee of the hereinafter described real property, and

WHEREAS, LOS ANGELES COUNTY FLOOD CONTROL DISTRICT, a body corporate and politic, (hereinafter referred to as "Grantee"), has heretofore acquired certain rights over Grantor's lands under and by virtue of Grant of Easement executed by the City of Pasadena, recorded in Book 6864, page 24 of Deeds in the office of the Recorder of the County of Los Angeles; and

WHEREAS, in the light of the reservoir, water conservation and flood control needs of both, Grantor and Grantee, it is desirable and the intent of this grant to provide the Grantee over the hereinafter described real property with the same rights as the Grantee now possesses over other land of Grantor under said by virtue of said Grant of Easement recorded in Book 6864, page 24 of Deeds and to define the boundaries over which Grantee may exercise said rights.

Grantor acknowledges that the conditions contained in above mentioned Grant of Easement recorded in Book 6864, page 24 of Deeds, have been and are (as the case may be) being fulfilled and met by Grantee; to be effective for the purpose of continuity and with respect to additional property made subject to said conditions by this grant, Grantor further acknowledges that said conditions heretofore satisfied have been and are being (as the case may be) satisfactorily discharged by Grantee as to any and all land owned by Grantor and subject to this grant of easement.

NOW THEREFORE, in consideration of the benefits to be received by Grantor from Grantee's reservoir, water conservation and flood control operations, and for a valuable consideration, receipt of which is hereby acknowledged, Grantor does hereby grant to Grantee a perpetual easement for reservoir, water conservation and flood control purposes, including the right to construct,

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reconstruct, inspect, maintain, repair and operate a dam, spillway, reservoirs, tunnels, by-passes, channels, embankments, protection works, and appurtenant structures for the purpose of controlling, confining, storing and conserving water on, over and across real property hereinafter described.

Said easement shall be subject to the terms contained in the hereinbefore mentioned Grant of Easement recorded in Book 6864, page 24, of Deeds which terms are incorporated herein as if they had been fully set out.

Said real property is situated in the City of Pasadena, County of Los Angeles, State of California, and is described as follows:

That portion of Lot 5, Block 13, that portion of Lot 1, Block 14 and that portion of Lot 1, Block 15, all said lots and blocks of "FLINTRIDGE", as shown on map recorded in Book 26, pages 23 to 33 inclusive, of Maps, in the office of the Recorder of the County of Los Angeles, together with the following portions of land, that portion of Lots 1 and 2, of "Subdivisions of Rancho La Canada", as shown on map recorded in Book 4, page 351, of Miscellaneous Records, in the office of said recorder, that portion of Lot 35, "Altadena Map No. 3", as shown on map recorded in Book 52, page 50, of Miscellaneous Records, in the office of said recorder, that portion of that part of the Rancho San Pascual, as shown on map recorded in Book 42, pages 71 and 72, of Miscellaneous Records, in the office of said recorder, that portion of the land designated "ARROYO", on "map of a tract of land owned by L. W. Giddings", recorded in Book 5, pages 106 and 107, of Miscellaneous Records, in the office of said recorder, that portion of that part of Michigan Avenue "4 rods wide", as shown on map of Subdivision of Rancho La Canada, together with all that land of those streets or roads or of those vacated streets or roads, lying within the following described boundaries:

"Beginning at the southeast corner of Lot 1, Block 15, Flintridge, Sheet No. 6, as recorded in Book of Maps 26, page 28, Records of Los Angeles County", as described in the "territory" known as "Arroyo Addition", filed with the Secretary of State, April 19, 1919, which was annexed to the City of Pasadena, "said point being on the northerly boundary of the City of Pasadena, in the State of California; thence south 87 degrees 53 minutes 55 seconds west, 191.98 feet along the southerly line of said Lot 1, Block 15, to the west line of Park Avenue, as shown on said map; thence northerly along the westerly line of Park Avenue, to the southerly line of the La Canada Verdugo Road, said point being the end of a certain curve whose radius is 50 feet and delta 95 degrees 30 minutes 05 seconds, as shown on said map of Flintridge, Sheet No. 6; thence westerly along the southerly line of the La Canada Verdugo Road, along a curve to the left whose radius is 275 feet and delta 7 degrees 13 minutes 50 seconds, 34.70 feet to a point; thence south 76 degrees 53 minutes 15 seconds west, 54.45 feet to a point; thence on a curve to the right whose radius is 175 feet and delta 39 degrees 46 minutes 30 seconds, 121.49 feet to a point; thence north 63 degrees 10 minutes 15 seconds west, 27.38 feet to a point on the easterly boundary of Lot 5, Block 13, Flintridge; thence southerly and westerly

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along the easterly and southerly boundaries of said Lot 5, to the most westerly corner of said lot; thence north 50 degrees 30 minutes east along the westerly side of said Lot 5 and the production thereof, to the intersection with the northerly line of the La Canada Verdugo Road, as shown on said map of Flintridge, Sheet No. 6; thence along the northerly side of the La Canada Verdugo Road north 22 degree 22 minutes west, 136.89 feet to a point; thence along a curve to the right whose radius is 975 feet and delta 3 degrees 24 minutes 30 seconds to the intersection with the northerly line of Lot 1, Block 14, of said Flintridge, Sheet No. 6; thence, along said northerly line to the southwest corner of Lot 2 of Map of Subdivision of Rancho La Canada, as partitioned between J. L. Lanterman and the representatives of A. W. Williams, deceased, as recorded in Book 4, page 351, of Miscellaneous Records of Los Angeles County; thence northerly along the westerly line of said Lot 2" to a point designated herein as "A", for the purpose of this description, said point A being located from the traverse of a line described as beginning at a point in the center line of Michigan Avenue, 66 feet wide, distant along said center line (on a different basis of bearings) S. 61° 03' 30" E. 229.73 feet from the centerline of Viro Road, 70 feet wide, as said Avenue and said Road are shown in Los Angeles County Road Department Field Book, R.D.F.B. 456, page 26, on file in the office of the Road Commissioner of the County of Los Angeles; thence S. 0° 19' 30" W. 1719.50 feet; thence S. 44° 15' 38" E. 49.86 feet, more or less, to a point in the westerly line of said Lot 2, said point being that point herein designated as "A", said westerly line of said Lot 2 being designated "WEST CITY BOUNDARY" lying between that point designated "Found 4" Iron Pipe Filled with concrete N.W. Cor. Lot 2 L-C-R8" and that point designated "Found 4" Iron Pipe Filled with Concrete S.W. Cor. Lot 2", as shown on Los Angeles County's Filed Map No. 18268, on file in the office of the Engineer of said County; thence, from said point A, N. 62° 23' 32" E. on a line deflecting northerly 73° 20' 50" from the prolongation of that line having a bearing of S. 44° 15' 38" E., a distance of 196.13 feet; thence N. 25° 01' 00" E. 247.71 feet; thence N. 17° 11' 10" W. 306.38 feet; thence N. 0° 12' 52" E. 414.01 feet; thence N. 15° 53' 30" E. 226.06 feet; thence N. 32° 15' 33" E. 208.60 feet; thence N. 11° 42' 51" W. 361.38 feet; thence N. 39° 48' 19" E. 309.27 feet; thence N. 19° 44' 58" E. 155.75 feet; thence N. 50° 26' 23" E. 273.52 feet; thence S. 18° 37' 50" E. 104.78 feet; thence N. 76° 48' 45" E. 191.72 feet; thence N. 39° 53' 00" E. 189.45 feet; thence N. 53° 46' 44" E. 194.17 feet; thence S. 10° 40' 42" E. 120.27 feet; thence S. 43° 48' 03" E. 243.40 feet; thence N. 26° 45' 02" E. 511.26 feet; thence N. 89° 46' 45" E. 253.05 feet; thence N. 29° 42' 50" E. 401.60 feet; thence N. 86° 09' 28" E. 734.47 feet; thence N. 16° 43' 10" E. 251.00 feet; thence S. 73° 19' 17" E. 512.00 feet; thence S. 7° 01' 55" W. 140.18 feet; thence S. 11° 49' 47" W. 720.43 feet; thence S. 25° 08' 30" W. 790.67 feet; thence N. 70° 57' 50" W. 60.00 feet; thence S. 19° 02' 10" W. 101.38 feet; thence S. 25° 57' 50" E. 21.21 feet; thence S. 70° 57' 50" E. 45.00 feet; thence S. 27° 33' 32" W. 1088.29 feet to the most northwest corner of Lot 44, Tract No. 85, as shown on map recorded in Book 14, page 44, of Maps, in the office of said recorder, said corner also being shown on said Los Angeles County's Filed Map No. 18268, and designated on said maps as "Set 4" Pipe", said pipe also being shown at the northerly extremity of that line shown having a bearing of "N. 4° 54' 00" E." and a length of "369.28" feet on map of Tract No. 12919, recorded in Book 250, pages 13 and 14, of Maps, in the office of said recorder; said point also being an angle point in the

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boundary of said "Arroyo Addition"; thence southerly along said last mentioned line to the southerly extremity thereof, said extremity also being an angle point in the boundary of said "Arroyo Addition", and being designated as "Pd. 2" I.P. at Cor. in 7187-122 Official Records" on said last mentioned map; thence southwesterly along the northwesterly boundary of said tract and southwesterly along the southwesterly prolongation of that portion of said northwesterly boundary having a bearing of "N. 31° 09' E." and a length of "28.72" feet to an intersection with the northerly prolongation of the westerly boundary of Tract No. 4305, as shown on map recorded in Book 47, page 97, of Maps, in the office of said recorder, said last mentioned intersection being at the northerly extremity of that line having a length of "67.14" feet and designated "Relocated 2" Pipe Set by City Engineer Pasadena, Jan. 1919", as shown on said last mentioned map; thence southerly along said prolongation to the southerly extremity thereof, said extremity being the most northerly corner of the westerly boundary of said Tract No. 4305; thence southerly along the westerly boundary of said last mentioned tract to the intersection with the northerly line of La Canada Verdugo Road, 50 feet wide, as shown on said last mentioned map, said intersection being designated "Found 4" Iron Pipe Filled with cement" as shown on map of said Tract No. 4305; thence southerly on a line deflecting easterly 15° 15' 00" from the southerly prolongation of that course having a bearing of N. 3° 35' 30" E. and a length of 451.92 feet in said last mentioned westerly boundary, a distance of 968.03 feet; thence westerly, in a direct line, to the place of beginning.

ALSO that portion of said Lot 35, of said Altadena Map No. 3, bounded as follows:

On the northwest by the northwest boundary of said Lot 35, on the north by the westerly prolongation of that line described herein as having a bearing of N. 86° 09' 28" E. and a length of "734.47 feet", on the southeast by that line described herein as having a bearing of "N. 29° 42' 50" E." and a length of "401.60 feet", and bounded on the south by that line described herein as having a bearing of "N. 89° 46' 45" E." and a length of "253.05 feet".

EXCEPTING from the hereinbefore described land all those certain lands of the Grantor, City of Pasadena, on which and over which the Los Angeles County Flood Control District is the holder of that certain easement recorded in Book 6864, page 24, of Deeds.

ALSO EXCEPTING from the land described herein that portion described in PARCEL 1 in deed to the "Board of Missions and Church Extension of Southern California-Arizona Annual Conference of the Methodist Church, recorded in Book D2323, page 232, of Official Records, in the office of said recorder.

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It is understood that the grantor
across that portion of the above described land which is owned by said Grantor
or in which said Grantor has an interest.

Dated January 5, 1965

CITY OF PASADENA

By *Floyd D. Swine*

ATTEST:

By *Hannett Jenkins*
City Clerk

John L. Behner
Council Member
12/10/64

12/10/64
Donald R. Townsend

12/18/64
Wendell D. Thom
City Attorney

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Robert L. Smith
CITY MANAGER

APPROVED DATE 12/18/64
Wendell D. Thom
DIRECTOR OF PARKS

Description Checked and Approved
Wendell D. Thom 12/18/64
City Engineer and S. Dir. of Streets

STATE OF CALIFORNIA, } ss.
County of Los Angeles

On this _____ day of _____, 19____, before me, _____
a Notary Public in and for said County and State, personally appeared _____

_____ known to me to be the person whose name _____
subscribed to the within instrument, and acknowledged that _____ executed the same.

Witness my hand and official seal the day and year first above written.

Notary Public in and for sa: County and State

STATE OF CALIFORNIA, } ss.
County of Los Angeles

On this _____ day of _____, 19____, before me,
WILLIAM G. SHARP, County Clerk and ex-officio Clerk of the Superior Court in and for said
County, personally appeared _____

_____ known to me to be the person whose name _____ subscribed to the within instrument, and
acknowledged to me that _____ executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the
seal of said Court, the day and year in this Certificate first above written.

WILLIAM G. SHARP,
County Clerk and ex-officio Clerk of said Superior Court

By _____ Deputy

STATE OF CALIFORNIA, } ss.
County of Los Angeles

On this 5th day of January, 1965, before me,
Benjamin H. Mead, Jr. a Notary Public in and for said County, personally appeared
Floyd O. Gwinn, known to me to be the Mayor ~~President~~ and
Harriett C. Jenkins, known to me to be the City Clerk ~~Secretary~~ of the
CITY OF PASADENA

^{municipal} the corporation that executed the within instrument _____ and known to me
to be the persons who executed the within instrument on behalf of the ^{municipal} corporation therein named
and acknowledged to me that such Corporation executed the ^{same} within instrument pursuant to its by-
laws or a resolution of its board of directors.

Witness my hand and official seal the day and year first above written.

Benjamin H. Mead, Jr.
Notary Public in and for said County and State
BENJAMIN H. MEAD, JR.
My Commission Expires June 19, 1967

STATE OF CALIFORNIA, } ss.
County of Los Angeles

On this _____ day of _____, 19____, before me, GORDON T. NESVIG,
Clerk of the Board of Supervisors of the County of Los Angeles, State of California, personally ap-
peared _____, known to me to be the chairman of the Board of
Supervisors of the LOS ANGELES COUNTY FLOOD CONTROL DISTRICT, the District that ex-
ecuted the within instrument, and known to me to be the person who executed the same on behalf
of said District and acknowledged to me that said District executed the same.

GORDON T. NESVIG,
Clerk of the Board of Supervisors
of Los Angeles County, California

By _____ Deputy

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DEVIL'S GATE DAM
AND RESERVOIR

Section No. 4

Tract Map No. 65-RW 1.1 and 65-RW 1.2

San Joaquin District FIFTH

CITY OF PASADENA

TO
LOS ANGELES COUNTY FLOOD
CONTROL DISTRICT

HAVE BEEN RECORDED MAIL TO
BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES
RECORDING REQUESTED BY
LOS ANGELES COUNTY FLOOD
CONTROL DISTRICT

Approved as to form,

Harold W. Kennedy
HAROLD W. KENNEDY,
County Counsel,

By

Edward A. Hagedorn
Deputy

Approved as to description,

Carl S. ...
1965

By

[Signature]
LOS ANGELES COUNTY FLOOD
CONTROL DISTRICT
Civil Engineer
Right of Way Engineering Division

Approved as to title and execution,

Alvany 20 1965

LOS ANGELES COUNTY FLOOD
CONTROL DISTRICT
REGISTERED TITLE OFFICER

By *Alvany*
REGISTERED TITLE EXAMINER - Title Office

ACCEPTANCE

Under the authority conferred by Resolution duly and regularly adopted by the Board of Supervisors of the Los Angeles County Flood Control District on the 6th day of March, 1962, a certified copy of which was recorded in Book D1543, page 439, of Official Records of Los Angeles County, the undersigned accepts and consents to the recordation on behalf of said District the with-
in instrument on this ~~26th~~ day of *February* 1965.

[Signature]
Assistant Chief Deputy Engineer

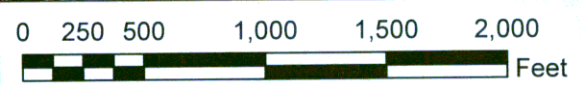




OAK GROVE DRIVE

N WINDSOR AVENUE

DEVIL'S GATE RESERVOIR

DEVIL'S GATE DAM



LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS		
PROJECT MAP		
DEVIL'S GATE RESERVOIR SEDIMENT REMOVAL AND MANAGEMENT PROJECT		
	Devil's Gate Easement	
	Devil's Gate Excavation Limit	
SCALE 1 IN = 500 FT	DATE 03/27/2012	PREPARED BY T.BUDINGER