



## Interoffice Memo

**DATE:** November 17, 2015  
**TO:** David Brockbank, Senior Planner, Dept. of Conservation & Development  
Community Development Division  
**FROM:** Rene Urbina, Staff Engineer, Flood Control District *RU*  
**SUBJECT:** LUP 2020-89 for Keller Canyon Landfill  
**FILE:** 92-2026-08

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We have reviewed the Notice of Preparation and Public Scoping Meeting for preparation of a Supplemental Environmental Impact Report (SEIR) to amend Land Use Permit (LUP) 2020-89, which we received on October 14, 2015, and have the following comments:

1. The proposed project is located in Drainage Areas 90 and 125, both unformed drainage areas. Therefore, there are no drainage area fees due at this time.
2. In 2009, a previous SEIR was submitted to amend the previous LUP 08-2026 for this site. Please see attached November 30, 2009, memo with previous comments.
3. The proposed amendment to LUP 2020-89 proposes the increase of the Extent of Disturbance (EOD) area of this project from 480 acres to 572 acres. The additional 92 acres will increase the volume of runoff originating from this site; therefore, the proposed SEIR document should include a section to discuss stormwater management to address the impacts of the additional runoff on the existing storm drain infrastructure. The attached November 30, 2009, memo raised a concern regarding storm drain facilities downstream of this project, such as the Lawlor Ravine Creek, a 42-inch diameter storm pipe at Jacqueline Drive, and a 21-inch diameter storm pipe on Santa Maria Drive in the City of Pittsburg. The proposed SEIR should discuss the impacts of the additional runoff on these storm drain facilities and propose mitigation measures if needed.
4. The developer should be required to submit hydrology and hydraulic calculations to the Engineering Services Division of the Public Works Department that prove the adequacy of the on-site drainage system and the downstream drainage system. We defer review of the local drainage to Engineering Services.

David Brockbank  
November 17, 2015  
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If you have any questions, please contact me by e-mail at [rene.urbina@pw.cccounty.us](mailto:rene.urbina@pw.cccounty.us)  
or by phone at (925) 313-2308.

RU:cw

G:\fldct\CurDev\CITIES\Bay Point\3099-06\APN 094-360-019 Keller Canyon Landfill\Comments to NOP.docx  
Enclosure: November 30, 2015, Interoffice Memo

c: Mike Carlson, Flood Control  
Tim Jensen, Flood Control  
Teri E. Rie, Flood Control  
c/enc: Jocelyn LaRocque, Engineering Services  
Keller Canyon Landfill Company



# Interoffice Memo

**DATE:** November 30, 2009

**TO:** Telma Moreira, Senior Planner, Department of Conservation and Development, Community Development Division

**FROM:** Jorge Hernandez, Staff Engineer, Flood Control

**SUBJECT:** **Flood Control Comments:** LP 08-2026, Keller Canyon Landfill Permit Amendment, 901 Bailey Road, Pittsburg

**FILE:** 92-2026-08

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We have reviewed the administrative draft Subsequent Environmental Impact Report (SEIR) for Land Use Permit 08-2026 (LP 08-2026), located at 901 Bailey Road, in Pittsburg, which we received from the Department of Conservation and Development on November 9, 2009. Our comments on the Stormwater Control and Retention section are as follows:

1. The proposed project is located in Drainage Area 99, an unformed drainage area. Therefore, there are no drainage area fees due at this time.
2. The SEIR states that "the drainage control facilities on site are designed to carry and store the peak discharge resulting from a 1,000-year, 24-hour storm event, as required by California Code of Regulations, Title 27." Peak discharge typically is not stored. Peak discharge occurs for only a short duration in the 24-hour storm event hydrograph. A more accurate wording would be, "the drainage control facilities on site are designed to convey (carry) the peak flow and store the total stormwater discharge from a 1,000-year, 24-hour storm event, as required by California Code of Regulations, Title 27." Please refer to Title 27 to confirm that this is what is meant (required) by the California Code.
3. The SEIR states that "All surface water is routed to the sedimentation basin," but an aerial view of the site seems to indicate otherwise. While a majority of the surface runoff appears to be conveyed to the sedimentation basin and then ultimately to a storm drain line 42-inches in diameter on Jacqueline Drive in the City of Pittsburg, a portion of the site runoff is directed away from the basin along a concrete and natural swale (see attached photo) to a storm drain line 21-inches in diameter on Santa Maria Drive in the City of Pittsburg. A review of the on-site storm drainage system is necessary to determine where all the site runoff is being directed.

4. This development was previously conditioned not to direct its leachate or stormwater runoff into Lawlor Ravine Creek (condition of approval #18.3 on LUP 2020-89). Along with concerns of contamination, the Contra Costa County Flood Control & Water Conservation District (FC District) is concerned with the hydraulic adequacy of Lawlor Ravine Creek. Lawlor Ravine Creek currently does not have adequate capacity at locations downstream of the project so compliance to this condition is of significant importance to the FC District. To ensure that the original condition of approval is being complied with, the developer should be required to submit a copy of the on-site drainage plan to the Engineering Services Division of the Public Works Department for review. Mitigation measures may be required based on the conclusion of this review.

If you have any questions, please contact me by phone at (925) 313-2304 or by e-mail at [jhern@pw.cccounty.us](mailto:jhern@pw.cccounty.us); alternatively, you can reach Teri Rie at (925) 313-2363 or at [trie@pw.cccounty.us](mailto:trie@pw.cccounty.us).

JH:cw  
G:\fldct\CurDev\CITIES\Pittsburg\LP 08 2026\FCD Comments LP082026.doc  
Enclosure: Aerial Photograph  
By E-mail

c: Tim Jensen, Flood Control  
Teri E. Rie, Flood Control  
Jane Kao, Flood Control  
Monish Sen, Engineering Services  
Adelina Huerta, Transportation Engineering  
Billilee Balangan, Transportation Engineering



Imagery Date: Mar 2008

38°00'15.75"N

121°56'03.12"W

elev 435 ft

© 2009 Google  
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Eye alt 846 ft

Keller Landfill  
Sedimentation Basin

Concrete Swale  
drains away  
from Basin