



Appendix J

Hydrological CEQA Questions Memo



Date: 5-17-2021

JN 19-124

Palmyra Cemetery – CEQA Questions
Project 2205 E Palmyra Ave – Kornerstone Muslim Cemetery

1. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?
Response: No, the site is not allowed to use infiltration as a water quality measure due to the landfill.

2. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?
Response: No, the site is not allowed to use infiltration as a water quality measure due to the landfill.

3. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:
 - i. result in substantial erosion or siltation on- or off-site;
Response: No, A SWPPP will be prepared for the construction phase and after construction the pervious areas will be landscaped or stabilized with gravel.

 - ii. increase the rate or amount of surface runoff in a manner which would result in flooding on or offsite;
Response: No, the site drains directly into Santiago Creek and the drainage area of the site is insignificant to the drainage area of this facility.

 - iii. create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of runoff; or.
Response: No, the site drains directly into Santiago Creek and the drainage area of the site is insignificant to the drainage area of this facility.

 - iv. Impede or redirect flood flows?
Response: The drainage pattern will be directed to the existing drainage facility that is located on the site. The flows will be directed to Santiago Creek, which is where they are currently directed.

4. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?
Response: No, the development is located in Zone "X" as shown on the FIRM map.

5. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?
Response: No, the site is not allowed to use infiltration as a water quality measure due to the landfill.

6. Result in the potential for discharge of stormwater to affect the beneficial uses of the receiving waters from construction activities or post-construction activities?

Response: No the development will have both pre and post construction best management practices in place.

7. Result in a potential for discharge of stormwater pollutants from areas of material storage, vehicle or equipment fueling, vehicle or equipment maintenance (including washing), waste handling, hazardous materials handling or storage, delivery areas, loading docks or other outdoor work areas?

Response: This does not apply to this project.

8. Create the potential for significant changes in the flow velocity or volume of stormwater runoff to cause environmental harm?

Response: No the site drains into an existing storm drain that drains into Santiago Creek. The site area is insignificant to the drainage area of the creek and will not have significant impact.