

<u>VIII. HYDROLOGY AND WATER QUALITY</u> – Would the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Result in temporary modifications to existing drainage patterns that may increase the flow rate of stormwater, violate water quality discharge requirements, or result in substantial erosion on or off-site due to construction activities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
j) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
k) Inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

a-k) The project will not be exempt from complying with code requirements for drainage and surface runoff concerns, including the National Pollutant Discharge Elimination System (NPDES) which will maintain the existing water quality of the area. While the new parking lot would increase the amount of impervious surface on the site, it is approximately .44 acres and would have a less than significant impact on groundwater supplies and aquifer volume. The

existing drainage patterns will not be substantially altered to create a significant impact as a result of the project. Any runoff associated with the project would not exceed the capacity of stormwater drainage systems. Mitigation measure three would provide construction Best Management Practices, including the use of sandbags and silt fencing, that would prevent significant impacts related to additional sources of polluted runoff, temporary changes in stormwater flow rate and water quality discharge requirements, and would maintain the existing water quality. The project is located in zone X which is identified as being outside of the 500-year floodplain and would not expose people or structures to a significant risk of loss as a result of flooding and would not be affected by seiche, tsunami, or mudflow. (14,16)

<u>XV. STORM WATER</u> -- Would the proposed project result in:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
a) Storm water system discharges from areas for materials storage, vehicle or equipment fueling, vehicle or equipment maintenance (including washing), waste handling, hazardous materials handling or storage delivery or loading docks or other work areas?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) A significantly environmental harmful increase in the flow rate or volume of storm water runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) A significantly environmentally harmful increase in erosion of the project site or surrounding areas?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Storm water discharges that would significantly impair the beneficial uses of receiving waters or areas that provide water quality benefits (e.g., riparian corridors, wetlands, etc.)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Harm to the biological integrity of drainage systems and water bodies?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

a-e) Approval of this project will not result in any significant impacts to the stormwater discharge system or harm the biological integrity of drainage systems. The project will be required to comply with the Standard Urban Storm Water and Urban Runoff Management Practices (SUSUMP) of the NPDES, based on the Clean Water Act, which will effectively prohibit non-storm water discharges and reduce the discharge of pollutants from storm water conveyance systems to the maximum extent practicable. Additionally, there are no hazardous materials handling or storage expected on the site as it will serve solely as a parking lot for employees, members, and guests of the private golf club. While there may be an increase in the flow rate or volume of storm water runoff as a result of more impervious surface, the impact of this would be less than significant because of the requirement to submit hydrology calculations and a storm drain improvement plan verifying the amount of expected water runoff to the satisfaction of the Public Works Department.