

**ENVIRONMENTAL DIVISION REVIEW COMMENTS**  
**Busch Gardens 2011 Germany Attraction**  
**COUNTY PLAN SP-061-10**  
*August 2, 2010*

**General:**

1. A Land-Disturbing Permit and Siltation Agreement, with surety, are required for this project.
2. It appears that this project includes stormwater conveyance and/or stormwater management facilities. Completion of a Stormwater Facilities Data Sheet and payment of Stormwater Facilities Inspection Fees may be applicable prior to issuance of a land-disturbing permit. Contact the James City County Stormwater Division at (757) 259-1460 or visit the Stormwater Division website at [www.jccegov.com](http://www.jccegov.com) for additional information.
3. A Standard Inspection / Maintenance agreement is required to be executed with the County due to the proposed stormwater conveyance systems and Stormwater Management/BMP facilities associated with this project.
4. The disturbed area for the site exceeds 2,500 square feet. Therefore, it is the owner's responsibility to register for coverage under the General Permit for Discharge of Stormwater from Construction Activities, in accordance with current requirements of the Virginia Department of Conservation and Recreation and the Virginia Stormwater Management Program. Visit <http://www.dcr.virginia.gov/sw/vsmp.htm> or contact the DCR Central Office at 804-371-7330 for additional information. Evidence of the VSMP registration will be required by the County prior to or concurrently with a preconstruction meeting and must be provided prior to issuance of a local land-disturbing permit and start of land-disturbing activities.

**Erosion and Sediment Control:**

5. Construction Entrance. Be advised that the construction entrance is currently proposed for installation in the concrete pedestrian walkway. As the intention of the construction entrance is to prevent the transport of sediment onto public roads and to protect against sediment transport, this measure may be unnecessary. With the next submittal, please provide information related to ingress/egress of construction equipment and materials both from and to US Route 60.
6. Construction Access. Provide information as to the method of construction for the improved "View Deck" in the southeastern area of the construction site and for the building area in the northern area of the construction site. It appears that construction will require access to the lower elevations, outside the limits of the retaining walls, which will require additional erosion controls, especially if heavy equipment will be used for the excavation of footers and the installation of additional stormwater components.

**Stormwater Management / Drainage:**

7. Storm Drainage System. Information provided in the application indicates that a 12” HDPE pipe is proposed to tie to the existing trench drain; however, during a site visit it appeared that this system was only 10” in diameter. Please verify that this connection will be possible.
8. Existing System. Provide information as to the fate of the existing deck drains shown on plan sheet C02.201 but not indicated on the grading and drainage sheets. Stormwater cannot be permitted to discharge over the existing perimeter retaining wall as this could prove to be detrimental to the integrity of the foundation, could generate additional erosion, and could undermine the existing concrete ditch systems.
9. Grading. Provide spot elevations in appropriate locations along the proposed “View Deck” to the east of Building #20 to indicate how drainage will be directed to the appropriate inlets.
10. Oily Water Separator. Provide information with the next submittal as to how access to these items will be maintained once the “View Deck” is in place. As this structure may not be capable of supporting the live load of a vacuum truck, the hose distance may become an issue during times of maintenance.
11. Manholes and Inlets. Provide a manhole structure at the change in direction as shown in the pipe segment between the manhole at the southwestern corner of Building #10 and the existing trench drain.