HERRIN TRACTS, LOT 4 MINOR SUBDIVISION

ENVIRONMENTAL ASSESSMENT

LEWIS & CLARK SUBDIVISION

I. POTENTIAL IMPACT ON PHYSICAL ENVIRONMENT

	Major	Moderate	Minor	None	Unknown	Comments Attached
1. Terrestrial and Aquatic life and Habitats			X			
2. Water Quality, Quantity and Distribution			X			
3. Geology and Soil Quality Stability and Moisture			X			
4. Vegetation Cover, Quantity and Quality			X			
5. Aesthetics			X			
6. Air Quality			X			
7. Unique Endangered, Fragile or Limited Environmental Resource				X		
8. Demands on Environmental Resources of Water, Air and Energy			X			
9. Historical and Archaeological Sites					X	

Cumulative and Secondary Impacts MINOR

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II. POTENTIAL IMPACTS ON HUMAN ENVIRONMENT

	Major	Moderate	Minor	None	Unknown	Comments Attached
1. Social Structures and Mores					X	
2. Cultural Uniqueness and Diversity					X	
3. Local and State Tax Base and Tax Revenue					X	
4. Agricultural or Industrial Production					X	
5. Human Health			X			
6. Access to and Quality of Recreational and Wilderness Activities				X		
7. Quantity and Distribution of Employment				X		
8. Distribution of Population				X		
9. Demands for Governmental Services			X			
10. Industrial and Commercial Activity				X		
11. Locally Adopted Environmental Plans and Goals					X	

Cumulative and Secondary Impacts MINOR

III. Regulatory Impact Analysis

The Sanitation in Subdivisions Act imposes regulatory restrictions on this subdivision which require department review and approval of designs for water supply, wastewater treatment, storm water and solid waste disposal systems. Private property may not be developed for activities that require water supply or wastewater disposal until approval is issued by the Department of Environmental Quality. The impact on this private property is that the systems must be constructed at a cost to the applicant, and that several limitations may be imposed regarding the number of lots which may be created, treatment technologies which may be considered, and/or locations of buildings and sanitary facilities. These requirements have been established to protect public health and water quality.

Alternatives/Rationale:

X The systems were proposed by the applicant in the initial application. The department accepts the systems proposed by the applicant as the most economically feasible approach.

___ Rather than proposing advanced wastewater treatment to meet Nondegradation requirements, the applicant may consider requesting an authorization to degrade state waters. This alternative is dependent on several variables including site characteristics and the time costs associated with obtaining agency approval. Therefore it is not reasonable to quantify the economic impact of this action.

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