

2002-3  
ORDINANCE 2002-2

**AN ORDINANCE OF THE MCKINLEYVILLE COMMUNITY SERVICES  
DISTRICT TO AMEND MCSD RULES AND REGULATIONS TO DEFINE  
RECREATIONAL OPEN SPACE IN CONJUNCTION WITH DETENTION BASINS**

**Rule: 70.02 RECREATIONAL USE DEFINED.** Recreational use is considered any area open for safe public use that contains trails, improved footpaths, parks, tot lots, playgrounds, or those areas having access to scenic views or open space. These recreational areas shall conform to the definition of recreational facilities contained in the MCSD Parks and Recreational Master Plan.

**Rule: 70.03 DETENTION BASINS DEFINED.** A detentions basin is a facility designed to capture stormwater runoff and temporarily impound this water with a release rate to the downstream receiving area of an amount not to exceed a two-year rainfall event as defined by County Standards. Detention basins, if required by Stormwater Regulations of the Humboldt County Planning and Public Works Departments for new development, must comply with County Standards. MCSD has design standards for basin configuration that shall be constructed or submit equivalent facilities for consideration.

**Rule: 70.04 RECREATIONAL AREAS AS DETENTION BASINS.** If a Developer wishes to submit an application to the MCSD for consideration of a Detentions Basin as an Open Space Zone and petition the District to maintain said zone there must be a direct nexus to recreation use as defined in 70.02. Recreational use and open space designation is required for consideration of acceptance. The Applicant proposing any specific area as a recreational amenity must submit maps delineating the recreation area and a justification of why this area of recreational use should be considered for Open Space Zone consideration. Such areas must be accessible to the public and meet any other specifications as required by the District as a condition of development. If the District Board of Directors agrees to the proposed recreational open space concept the District will consider Maintenance of the Open Space Zone as set forth in Section 72 of the District Rules and Regulations. The detention basin and recreational area shall be dedicated "in fee" to MCSD as a condition of approval at the time of recordation.

**Rule: 70.05 DETENTION BASIN CONSTRUCTION REQUIREMENTS:** Engineered plans proposing a Detention Basin area for primary recreational use shall be submitted along with the required design drawings for water, sewer and street light facilities. These basins must comply with the County Standards for Stormwater management and treatment. Generally, these basins are excavations within the subdivision or consist of a berm formed across a natural drainage channel. Earthen berms or dikes shall be compacted with clayey materials to 90% compaction. Side slope of the berm shall not exceed a 1:3 ratio of rise over run. Piping and drains in the basin shall be sized to release stormwater at a two-year rainfall rate, using a ten-minute storm duration. Release structures will have the bottom drain and overflow piping covered with cast iron grating and/or trash racks to prevent debris, animals, and etcetera from entering into the piping. The overflow piping will be a vertical pipe in the face of the berm eighteen inches below the lowest point on the berm. At the location of the overflow the berm shall be protected with a four-inch reinforced concrete slab (or filter fabric with six inch fractured rock, 10# rock) to prevent berm erosion. Six-inch rock and filter fabric is to be placed on the downstream side of the overflow area to prevent erosion at the base of the concrete or rock spillway in the event of a high rainfall event or blockage of the drains creating an overflow condition in the basin. The width of the concrete spill way and the area of rock placement will be determined in the design phase based upon the slope and size of the basin. Generally, a ten foot wide spillway sloped toward the center will be sufficient. All disturbed areas will be seeded with a grass mix to stabilize the ground and prevent erosion of the site. The District may consider other equivalent designs upon the submittal of engineered plans.

On a motion by Director Reid seconded by Director Murphy the foregoing ordinance is duly accepted on second reading this 19<sup>th</sup> day of June 2002 by the following polled vote:

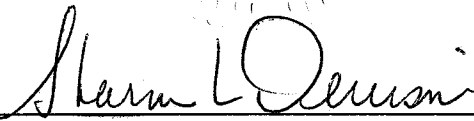
**AYES:** Fleury, Murphy, Reid, Trepnier, Wennerholm

**NOES:** None

**ABSENT:** None

  
Paul Trepnier, President, MCSD Board of Directors

Attest: I, Sharon Denison, Secretary to the Board of Directors of the McKinleyville Community Services District, hereby certify that the foregoing is a full, true and correct copy of the ordinance duly adopted this 19<sup>th</sup> day of June 2002.

  
Sharon L. Denison, Secretary to the Board of Directors