



Valley Water

Clean Water • Healthy Environment • Flood Protection

Ends Policy E-3: Natural Flood Protection

Draft Revised Policy

Board Planning and Policy Committee 9/07/2021

GUIDING PRINCIPLES:

- Develop goals to be aspirational
- Develop objectives to be measurable steps to meet goals
- Include major work categories for flood protection (maintenance, communications/preparedness, new flood risk reduction) as a means to the End
- Protect all areas of the county equally with a focus on health and safety

EXISTING ENDS E-3 POLICY

ENDS STATEMENT: *There is a healthy and safe environment for residents, businesses and visitors, as well as for future generations*

NFP GOAL

3.1. Provide natural flood protection for residents, businesses, and visitors.

NFP Objective

3.1.1. Protect parcels from flooding by applying an integrated watershed management approach that balances environmental quality and protection from flooding.

3.1.2. Preserve flood conveyance capacity and structural integrity of stream banks, while minimizing impacts on the environment and protecting habitat values.

NFP GOAL

3.2. Reduce potential for flood damages.

NFP Objective

3.2.1. Promote the preservation of flood plain functions.

3.2.2. Reduce flood risks through public engagement.

3.2.3. Prepare and respond effectively to flood emergencies countywide to protect life and property.

WORKING DRAFT E-3 POLICY REVISIONS

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ENDS STATEMENT:

~~Provide~~ **Natural** flood protection **is provided** to reduce risk and improve health and safety for residents, businesses and visitors, **now and into the future.** ~~as well as for future generations~~

GOAL

3.1. Maintain flood protection facilities to design levels of protection.

OBJECTIVE

3.1.1. Prioritize maintenance ~~and sustainability~~ of existing facilities over construction of new **capital projects.** ~~facilities.~~

3.1.2. Inspect and maintain facilities on a regular basis.

3.1.3. **Perform maintenance using maintenance guidelines updated on a regular basis.**

~~Develop and update maintenance guidelines for facilities.~~

WORKING DRAFT E-3 POLICY REVISIONS

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GOAL

3.2. Assist people, businesses, schools, and communities to prepare for, respond to, and recover from flooding through equitable and effective engagement.

OBJECTIVE

3.2.1. Develop, maintain, and communicate ~~accessible~~ emergency action plans.

3.2.2. Develop, maintain, and communicate flood information to the community.

3.2.3. Provide expertise in flood forecasting and flood warning systems to **municipalities**. ~~the public and emergency responders.~~

3.2.4. Provide expertise to **encourage public agencies** to reduce flood risk and protect floodplain **benefits**.

WORKING DRAFT E-3 POLICY REVISIONS



GOAL

3.3. Increase the health and safety of residents countywide by reducing community flood risk.

~~Provide minimum level [20-year] of fluvial and tidal of flood protection to people and property for an increased level of health and safety countywide.~~

OBJECTIVE

3.3.1. Provide equitable, timely, and achievable flood protection for health and safety.

3.3.2. Protect people and property from flooding by applying a comprehensive, integrated watershed management approach that balances environmental quality, ~~protection from flooding,~~ sustainability, and cost.

DRAFT STRATEGIES

3.3.2.1. Promote the preservation, enhancement, and restoration of floodplain and bayland functions.

3.3.2.2. Prioritize the use of natural and nature-based features in flood protection to the extent practicable.

3.3.2.3. Seek partnerships to remove additional parcels from the floodplain for economic benefit.

3.3.2.4. Incorporate full life cycle costs including maintenance and sustainability into capital improvement projects.



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