



Implementation of trash control systems in Smugglers Gulch

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Funding

- **California Department of Water Resources, Proposition 84** (protection of water quality and the environment)
- **San Diego Integrated Regional Water Management (IRWM)**
- **Rural Community Assistance Corporation, Earth Island Institute, Alter Terra**



View of Matadero Canyon drain
aprox. two miles south of the border



Smugglers
Winter 2017

TB 1B (W)

TB 1B (E)

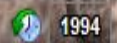
TB 2 (W)

TB 2 (E)

TB 3 (W)

TB 3 (E)

Project Location



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Google earth

lat 32.541846° lon -117.087330° elev 106 ft eye alt 1346 ft

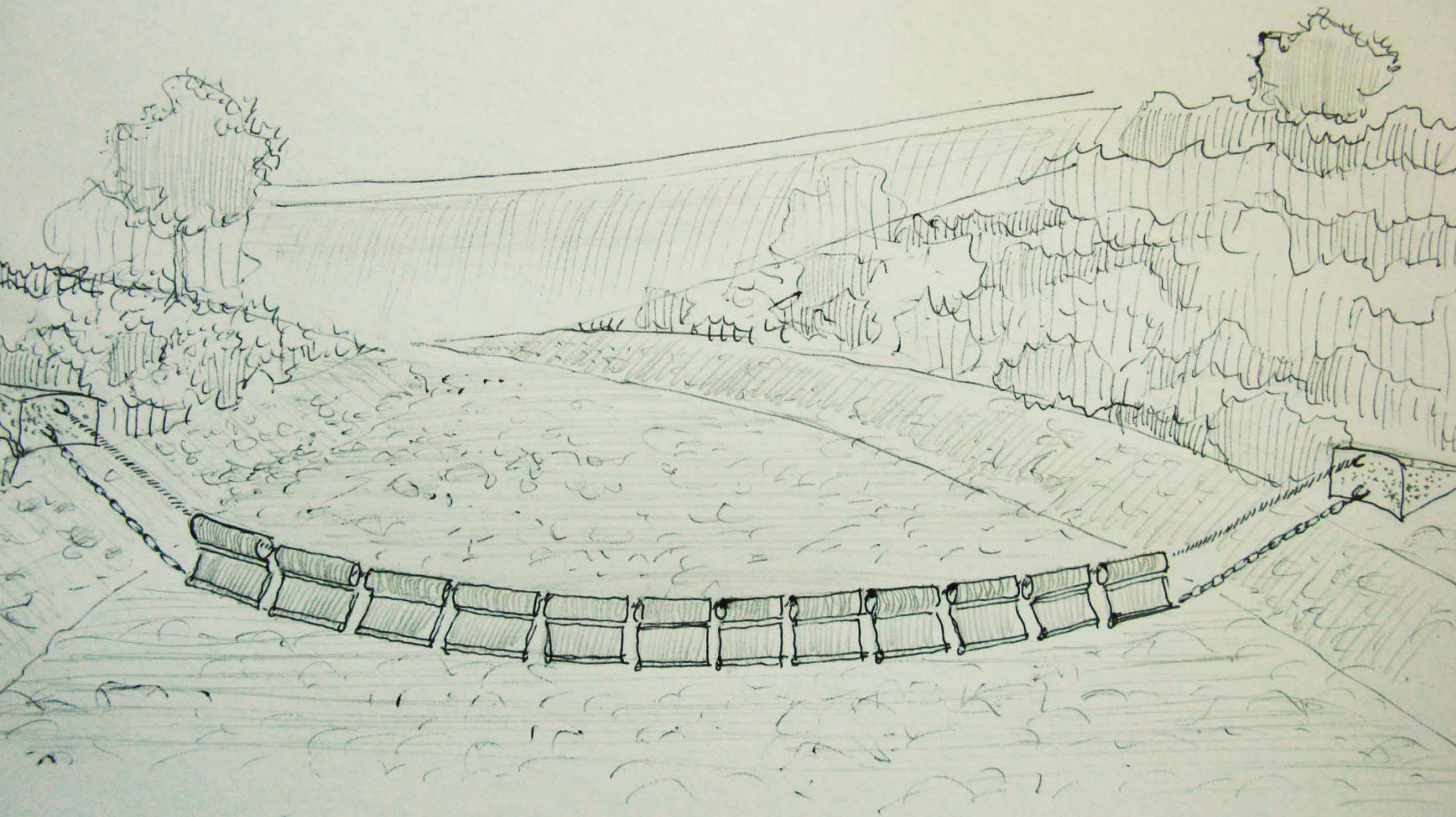
Monument Rd

Example of floating materials
crossing the border at Smugglers



The image is a microscopic view of High Density Polyethylene (HDPE) plastic, split vertically into two distinct sections. The left section shows a relatively smooth, light-colored surface with some irregular, darker patches and a fine, granular texture. The right section shows a much more complex and colorful structure, with large, irregular areas of bright yellow and blue, interspersed with white and brownish regions. The overall appearance is that of a heterogeneous material with varying internal structures and colors, likely due to the source of the samples being from smuggled containers.

High Density Plastic HDPE
(samples made from containers
recovered in Smugglers)





One of the prototypes

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