

Agua Hedionda Watershed Planning Group Meeting #8

Agua Hedionda Lagoon Discovery Center
1:00 – 3:00 pm, April 29, 2008

MEETING SUMMARY

1. Introductions
2. Stream Restoration and BMP Retrofit Site Opportunities
 - Eleven stream restoration sites were presented to the WPG, including the site, the issues and the restoration concepts. These sites were selected based on the field reconnaissance, geomorphic assessment and input from the watershed stakeholders. They represent the projects deemed the most beneficial to the watershed health.
 - Discussion of individual projects:
 - SR-1 (Agua Hedionda Creek upstream of Green Oak Ranch): This project primarily addresses relieving clogging of a culvert that may lead to flooding in the area. It was noted that the project site and culvert in question on this site is privately owned. Property ownership was not an issue considered when selecting sites.
 - SR-2 (Agua Hedionda Creek near Melrose.): This project would include stream stabilization to address bank erosion. It would coincide with work the City of Vista will be doing on the sewer line in the project area. This was considered positive from a stream protection viewpoint. The upper boundary of the project was questioned since there is erosion and tree damage upstream of this project. The boundary was selected at the sewer crossing as a good break for a practical project size. Green Oak Ranch indicated that the area upstream should also be included in the project. The team will reevaluate SR-1 to include stream restoration. Vandalism at the sewer maintenance hole under Melrose has cause sewer spills into the creek in the past.
 - SR-3 & SR-4 (Agua Hedionda Creek through Dawson Reserve and upper Sunny Creek area): These projects would include stream stabilization to address bank erosion. These sites have natural bedrock outcroppings which act as natural grade controls, however additional restoration of the back toes along the reaches would be beneficial. The next step is to evaluate the role of the outcroppings on stabilizing the stream.
 - SR-5 (Agua Hedionda Creek through lower Sunny Creek area): Agua Hedionda Creek has moved significantly throughout the past 75 years through the Sunny Creek area. This is an area of sediment accumulation and is a good candidate for habitat restoration that would include stabilizing the channel.
 - SR-6 (Buena Creek near Hollyberry Trail Rd): This site has been significantly modified, probably by homeowners in the area. There are debris mounds and open space areas that have been denuded. It could be a significant source of sediment if not restored.
 - SR-7 (Calavera Creek near Melrose): This area is in an agricultural area with a nursery on one side and a horse ranch, which is for sale) on the other with no buffer and a high degree of erosion. It is near a proposed shopping center so that the project could be a good community project.
 - SR-8 (Calavera Creek adjacent to Lake Blvd): This project would protect against creek bank erosion that could impact Lake Blvd. Habitat enhancement opportunities are minimal since it is a relatively narrow corridor.
 - SR-9 (Calavera Creek above Lake Calavera): The project would reduce mass wasting (erosion) of the channel. It was noted that the lake would catch most

- sediment from this area so it would not be of much benefit for reducing lagoon sediments, however, sediment buildup in the lake reduces its capacity.
- SR-10 (Little Encinas Creek): This project is on DFG reserve. The creek has experienced bank failure and undercutting that would be repaired. Below this area are significant bedrock outcrops that stabilize the channel.
 - SR-11 (Little Encinas Creek near Cannon Rd): The City of Carlsbad indicated that the extension of College Road will change this area considerably. There are good opportunities in this area for restoration and repair of stream damage.
 - It was suggested that the team look at an area along Agua Hedionda around S. Santa Fe Road that is heavily industrialized and appears in poor condition.
 - The group discussed prioritization of these projects and determined that “evaluation” using a matrix would be better than an actual ranking. Ranking had little to no value as each project would likely be implemented as funds came available by different agencies and entities. Although public safety was not identified as one of the main goals or objectives of the Watershed Management Plan, it was acknowledged the general infrastructure protection was a good criterion to include when evaluating projects. Tetra Tech will present an evaluation matrix in their upcoming Bioengineering Report. Metrics for the evaluation should include:
 - Meeting WMP Goals
 - Location (Upper, mid or lower watershed; higher in the watershed is more beneficial than lower)
 - Property Ownership
 - Timing (is area in emanate danger?)
 - Multiple benefits (including flood protection, related infrastructure projects, etc.)
3. Five Stormwater Retrofit sites were presented as examples of the type of stormwater retrofit projects that would be appropriate for the watershed. Many other opportunities exist throughout the watershed.
4. Acquisition and Buffer/Wetland Restoration Report Metrics
- An overview and discussion of metrics used to select acquisition and restoration sites was presented for identifying opportunities for:
 - Land Acquisition for Preservation
 - Buffer Restoration
 - Wetlands Restoration
 - The Acquisition and Restoration Opportunities Report has been distributed and comments are due May 14th.
5. Next Steps
- Stream Restoration Report will be submitted in late May and the WPG will be given the opportunity to review it. Comments will be incorporated into the draft Watershed Management Plan.
 - Stream restoration, buffer and wetland opportunities will be overlaid to see where there is overlap and the most beneficial projects.
 - The WPG will meet at the end of May to discuss the management measures to be presented in the Watershed Management Plan.
 - The current schedule is for the Draft Watershed management plan to be out in mid June and the Final mid July.