

Ala Wai Watershed Project Stakeholder Meeting

February 6, 2009

AGENDA

- **Update on Ala Wai Watershed Project**
 - Summary of recent activities
 - Technical Advisory Team (TAT) updates
 - Upcoming activities and path forward
- **Update on Associated Projects**
 - Woodlawn chute structure (FEMA)
 - UH activities
 - Others?
- **Discussion Items**
 - Stakeholder roles and responsibilities
 - Others?

Summary of Recent Activities (November 2008 – February 2009)

- **Hydrology and Hydraulics (H&H)**
 - Final Hydrology Report
 - Draft Hydraulics Report (under review)
 - Meeting with Mitsunaga to clarify scope for evaluation of alternatives in and around the Ala Wai Golf Course
 - Meeting to discuss considerations for the 50-year without project condition
- **Ecosystem Restoration**
 - Stream walks with USACE technical experts
 - Brainstorming Session with Technical Advisory Teams

Summary of Recent Activities (November 2008 – February 2009)

- **Water Quality**
 - TAT and DOH meetings to review water quality objectives and initial steps
 - Coordination with UH NREM Senior Course to look at water quality in Manoa Watershed
- **Stakeholder Involvement**
 - Presentation to the Waikiki Neighborhood Board
 - Coordination meeting with NOAA and DBEDT CZM
 - Booth with AWWA at the Ala Wai Challenge
 - Development of Stakeholder Involvement Strategy
 - Briefing to the Executive Committee

Summary of Recent Activities (November 2008 – February 2009)

- **Executive Committee Meeting (January 09)**
 - Attendees:
 - DLNR: Ken Kawahara, Carty Chang, Nami Wong
 - USACE: Tony Paresa, Derek Chow, Steve Yamamoto, Mike Wong, Cindy Barger
 - C&C: Gerald Takayesu
 - Discussion Items:
 - Community Involvement Objective
 - Increased involvement of C&C (i.e. DDC and DFM)
 - Encouraging partnership with other agencies

Summary of Recent Activities (November 2008 – February 2009)

- **Other**
 - Project website
 - Public comments received
 - Completed Cultural Resources Needs Assessment (contracting for additional work in progress)
 - Initiated other resource assessments:
 - Hazardous, Toxic and Radioactive Waste (HTRW) Assessment
 - Geotechnical Resources
 - Biological Resources
 - Socioeconomic
 - Draft Needs Assessment (in progress)

Stakeholder Involvement TAT

- Revised draft objective:
 - Develop and implement a stakeholder collaboration process that will result in the attainment of project objectives and ongoing, community-based stewardship actions for the Ala Wai Watershed
- Draft criteria include:
 - Involve all stakeholders
 - Gain consensus on best plan elements
 - Organize commitments for project implementation
 - Champion community-based watershed stewardship
- Targeting a collaborative approach
- Developing Stakeholder Involvement Strategy

Ecosystem Restoration TAT

- Brainstorming Session
 - Engaged technical experts and agencies (UH, DAR, USFWS)
 - Brainstormed potential measures by geographic area (upper watershed, urban core, Ala Wai Canal, outside of channels)
 - Identified data gaps and research needs
 - Results of brainstorming incorporated into Needs Assessment
- Next steps
 - Refine objective and articulate the target criteria

Water Quality TAT

- TAT Meeting
 - Brainstormed potential criteria/metrics
 - Discussed WARMf modeling effort
- Conversation with DOH highlighted needs:
 - Address entire watershed
 - Involve other responsible parties
 - Clearly identify objectives
- Next steps:
 - USACE to clarify scope of the water quality objective (in progress)
 - Seek TAT input
 - Articulate the target criteria for the objectives

Hydrology & Hydraulics (H&H) TAT

- **Future without project condition:**
 - Look at actions that can be reasonably projected to occur based on current trends
 - Changes in regulations and human habitats are considered speculative (i.e. legislation for Low Impact Development) so can not be included
 - Address sea level rise (based on analysis by Dr. Chip Fletcher, UH), climate change (also based on analysis by UH and NWS experts), development (projections from DOE (short term), DPP and others)
- **Next Steps**
 - Coordinating with agencies/individuals identified in the initial meeting
 - Discussion of comments on draft existing condition hydraulics, if necessary

Upcoming Activities

- Completion of resource studies (geotechnical, HTRW, biological, etc.)
- New tasks identified in Needs Assessment
- Modeling of future without project conditions (USACE)
- Ala Wai Golf Course study (Mitsunaga and Associates)
- Alternatives screening criteria workshop
- Legislative briefing
- Participation in public events (e.g., Mauka to Makai expo, Conservation Week, etc.)

Update on Associated Projects

- Woodlawn Chute Structure (FEMA Mitigation Project)
- UH Center for Conservation Research and Training
- Other?

Discussion Items

- Roles and responsibilities of stakeholders and partners
- Others?