

MEETING AGENDA

Lower Cottonwood Creek Outfall Systems Planning Study

Meeting Date: March 16, 2009

Meeting Location: SEMSWA

1. Objectives for Meeting

- a. To confirm completion of Baseline Hydrology Report, identify potential problems in the watershed, review the formulation and evaluation of alternatives, seek input on alternatives, and discuss future information needs

2. Baseline Hydrology Report status

3. Potential Problems in Watershed

- a. Stormwater quality
- b. Increase in runoff from upstream development
- c. Stream degradation
- d. Conveyance capacity
- e. Outfall issues

4. Formulation of Detention Alternatives

- a. Alternative A – Planned EURV Detention and Existing Facilities
- b. Alternative B – Planned and Retrofitted EURV Detention
- c. Alternative C – Planned, Retrofitted, and New EURV Detention.

5. Stream Improvement Alternatives

- a. Level of improvements and estimated costs are based on existing drainageway conditions, potential future degradation, and relative flow rates.
- b. General approach: restore degraded inverts, incorporate grade control, preserve existing riparian vegetation where possible. Channel enlargement is proposed where capacity is limited (Inverness Drive East Medical Building).

6. Outfall Issues

7. Evaluation of Alternatives

- a. Peak flows for alternative plans
- b. Detailed detention costs
- c. Detailed stream costs
- d. Alternative cost summary

8. Information Needs

9. Next Steps

- a. Distribute pdf files of Baseline Hydrology Report
- b. Prepare draft Alternatives Evaluation Report for submittal
- c. Review Alternatives Evaluation Report and select preferred plan