Key Environmental Issues

- Restoration and Reclamation
- Urbanization Impacts and Baselines
- Prevention and Cost of Long Term Remediation
- Stewardship

Red Butte Creek Environment

Oil Spill Work Group Environment Team
Stream Restoration for Entire Ecosystem

Can Pre-Existing Hydrological Character Be Restored?

Restore Natural Meanders and Flow Line

Will In-Channel Structures Enhance Fish Habitat?

Measure & Predict Micro biota Return

Where Have the Birds Gone?

When Should They Return?

What Happens If Flora and Fauna Do Not Return?
Restoration and Reclamation

What Is the Most Effective Method to Achieve Restoration?
Clearly Define Reclamation and Restoration Timeline

Critical Issues to Address

- Eroded Banks from Power Cleaning of Creek Banks and in Stream Beds
- Techniques to Mitigate High Velocity Water/Man-made Erosion
- Restoration of Riparian Ecotomes for Vegetation Along Banks
Define Impacts of Traditional Urban Emissions
What Are Urbanization Impacts / Baseline Measurements?
Prevention, Testing and Cost of Long-Term Remediation

Testing for Biota by Cutthroat Introduction

What Measures to Prevent / Respond to Spills are Practicable?

Were Chevron’s Methods Optimal for the Creek and Community Circumstance?

Who Will Assure Long-Term Remediation?
Stewardship

How Will City Engage Community and Professionals in Stream Restoration / Design?

What Would Constructed Wetlands as a Future Oil Spill Prevention System Accomplish?

Will an “Adopt-a-Stream” Program be Effective?

Can Monitoring be Accomplished by Citizen Volunteers?

How Would a Child / Youth Riparian Education Curriculum and Program be Created and Implemented?