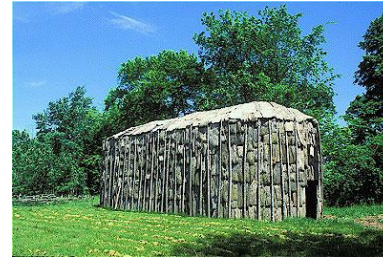
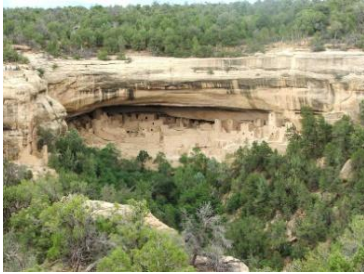


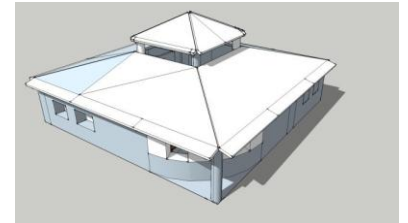
U.S. Environmental Protection Agency, Region 9: Tribal Green Building Initiative



Multi-Agency Sustainable Infrastructure Resource Forum

Chukchansi Gold Resort and Casino

February 7, 2011



Michelle Baker – Tribal Green Building Coordinator



Agenda

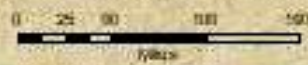
- ▶ U.S. EPA Region 9
- ▶ Environmental Impact of Buildings
- ▶ U.S. EPA Goals, Activities and Programs Supporting Green Building
- ▶ Grants and Incentives



TRIBAL LANDS

IN REGION 9

Reservations, Rancherias, Colonies



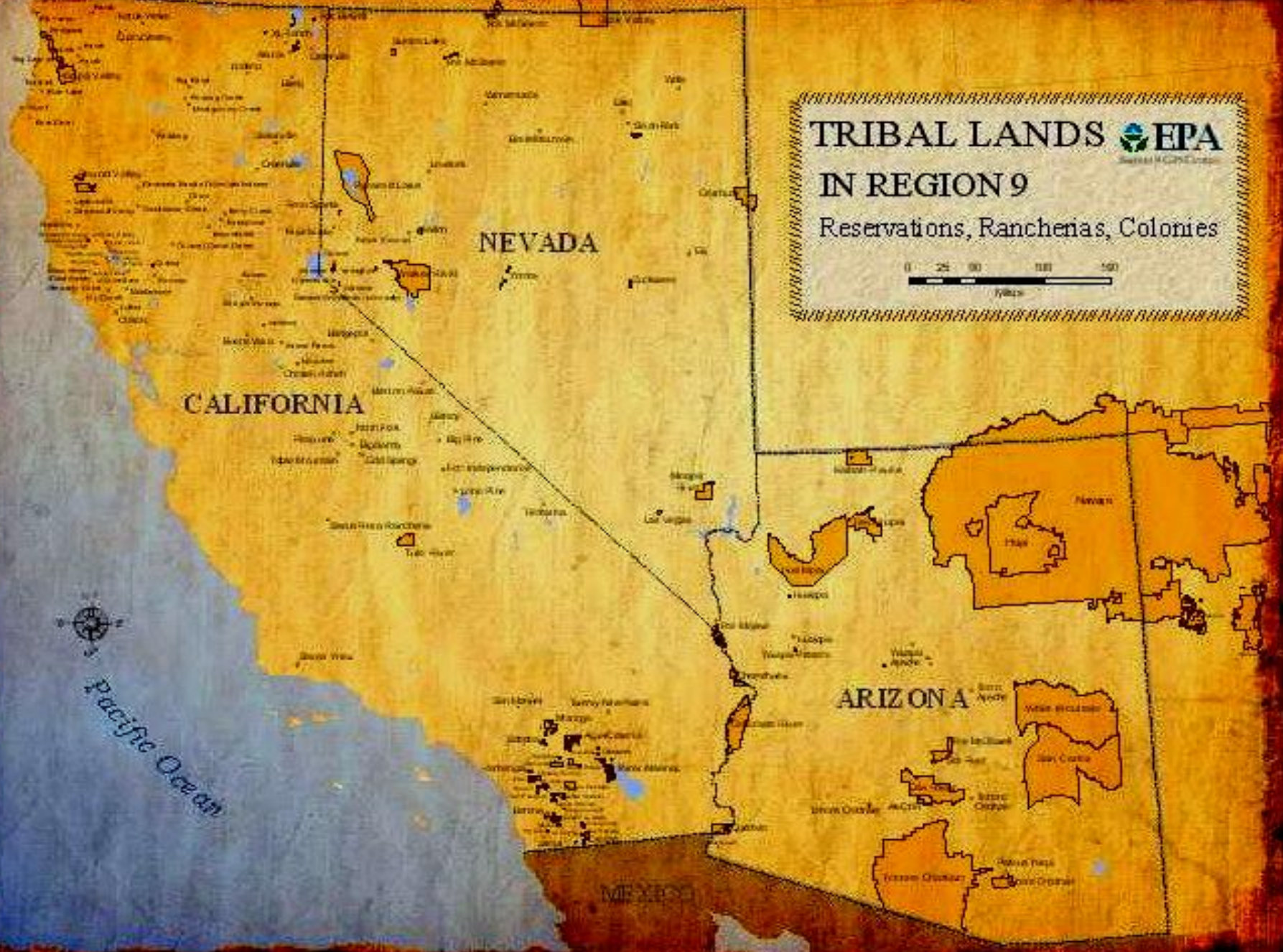
NEVADA

CALIFORNIA

ARIZONA

MEXICO

Pacific Ocean



Environmental Impact of Buildings

In the US, buildings account for:

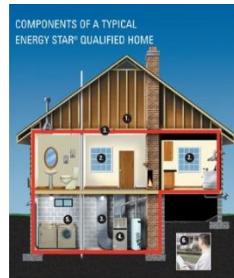
- ▶ **39 %** of total energy use
- ▶ **12 %** of the total water consumption
- ▶ **68 %** of total electricity consumption
- ▶ **38 %** of the CO2 emissions
- ▶ **60 %** of total non-industrial waste generation (C&D)
- ▶ **60 %** of all materials (excluding food and fuel)



EPA Strategic Goal and Programs to Promote Sustainable Building Practices

EPA has a fundamental interest in assuring that buildings are healthy places to live, work, and learn; that energy use is dramatically reduced; and that buildings use water, materials, products and land in a sustainable manner.

Energy Star



Smart Growth



WaterSense



Healthy Homes/Schools



U.S. EPA R9 Green Building Activities

▶ Increase Awareness and Building/Facilitating Partnerships

- ▶ Convene
- ▶ Coordinate
- ▶ Workshops



▶ Collaborate Internally and with other Agencies

- ▶ Multi-Agency workgroup
- ▶ Comment on Strategies
 - ▶ Smartgrowth
 - ▶ Healthy Homes



U.S. EPA Grants/Incentives to Facilitate Sustainable Building Practices

▶ **Energy Star**

www.energystar.gov/dime



▶ **Climate Showcase Community Grants**

<http://www.epa.gov/statelocalclimate/local/showcase/>



▶ **Brownfields**

<http://www.epa.gov/region9/brownfields/grants.html>



▶ **Resource Conservation Funds**

<http://www.epa.gov/region9/waste/tribal/funding.html>



▶ **Pollution Prevention**

<http://www.epa.gov/region9/waste/p2/grants.html>



▶ **General Assistance Program**

