SUSTAINABILITY in ALBANY
Sustainability is making choices that are:
1. Environmentally conscious;
2. Economically sound; and that
3. Encourage social equity.

Taking action to develop LONG TERM strategies that recognize the limits on our natural resources for sustaining life.
Areas of Sustainability

- Refuse/Reduce/Reuse/Recycle
- Energy Conservation – buildings/transport/lifestyle
- Water & Resource Efficiency
- Environmental Quality
- Community – livability, culture, arts, equity, diversity, housing and transportation choices, healthy economy
- Ecosystems, Food and Agriculture
- Reuse of biosolids on local farms
- Reuse wood chips on paths and as mulch
- Reduce paper by increasing electronic documents—commission packets, electronic plans/permitting. Increase use of recycled products
- Recycling at events
- Sustainable purchasing policies integrate fiscal responsibility, social equity, community and environmental stewardship (toxicity, pollutants, energy consumption, greenhouse gas emissions).
City Hydro Power – 2.8 million kWhr/yr

Water Treatment Plant

Fish screens and fish ladders around the facility to improve fish passage
Energy Audits of Facilities

in 2009 and in 2013 (paid by Energy Trust). City completed audit recommendations:

- Replace light bulbs
- Power management implemented on all City network computers
- Use virtual servers instead of physical where appropriate to lessen power and cooling requirements
- Hybrid vehicles for Public Works & Police
Electricity:
• 822,721 kWh
• 10.71% of usage
• $61,646 Saved

Natural Gas:
• 27,162 Therms
• 47.47% of usage
• $22,932 Saved
New facilities are energy efficient.

The Albany Police Department is now open at 2600 Pacific Boulevard SW.
Talking Water Gardens

- Pre-treatment program. The system has more than twice the natural resource value of conventional alternatives.
- A living laboratory, a conservation area for habitat of native species, and a recreational amenity.
Talking Water Gardens

Environment, Open Space, Habitat Restoration
Water Quality

Stormwater facilities and management plans

- **Stormwater facilities** - vegetated planters, swales, green roofs, rain gardens filter pollutants from rain water, slow runoff
- **Trees and landscapes** reduce flood and water pollution, provide habitat
- **Water efficient planting and irrigation** – controls in parks and rights of way
- **Erosion and sediment control** programs
Get a FREE Residential Outdoor Water Audit

Conserving water at home is easy!

Just click on the four areas around the house above to learn easy things you can do to conserve water in your own home.
Education & Outreach

Let’s Pull Together

2016-2017 Water Education Programs

Classroom Programs:

Water Savers
Grade: Preschool-K
Time: 30 minutes
This program is designed around an 8-minute video called “Mimi Mouse learns to save water” that provides simple lessons about water, how it is used, and why and how we can learn to conserve it. Booklets and stickers used in classroom activity that students will be able to take home.

Water Cycle
Grade: 1-2
Time: 45 minutes
Students will identify water as a natural resource and learn how important it is for all life. They will learn that water comes in different forms and moves in a cycle on our earth. Booklets used in classroom activity that students will be able to take home.

After the Flush
Grades: 3-8
Time: 45 minutes
What happens after the flush? This program uses kitchen wizardry and hands-on activities to understand the fascinating trip our wastewater takes to come clean. Other topics include the water cycle, watersheds, stormwater management, and water conservation.

On-Site Tours:

Do you want to take your class on a tour? Tours are available at:
- Albany-Millersburg Water Reclamation Facility, 405 Davidson Street NE
- Albany-Millersburg Water Treatment Plant, 33883 Berry Drive NE
- Talking Water Gardens, 778 Waverly Drive NE
Living Green

January is traditionally the month of new beginnings, an opportunity to create a fresh clean slate for a better you. New Year’s around the world is a symbol of renewal, a time to polish the old and welcome the new. Here are some green living resolutions that are so easy you’ll have no excuse not to keep them.

You’ll not only be contributing to a healthier world, you and your family will be healthier, too.

Green your cleaning
- Make a safer choice for your family, river, and pets when choosing household products, or save money and make your own green cleaners.

Green your yard
- Choose water-efficient plants adapted to our climate (pdf)
- Conserve water
- Choose natural yard care and safer products
- Learn about lawn chemicals and water quality (pdf)

Green your community
- Volunteer for at least one environment-related community project.

Green your block
- Plant a tree with the neighborhoods program.

Green your perspective
- Relax and enjoy the outdoors. Share a picnic lunch with your family at a City park.

Green disposal of old, unwanted, or used products.
- Reuse first
- E-waste
  - St. Vincent de Paul, Goodwill, Teen Challenge, Republic Services (desktops, laptops, tablets, monitors, TVs, printers)
  - Staples (ink cartridges, computers, printers, shredders)
  - Other locations available on Oregon eCycles
- Paint
  - Parr Lumber, Habitat for Humanity ReStore, Miller Paint, Sherwin Williams
  - Other locations available on PaintCare
- Unwanted medications (over the counter, prescription, and pet)
  - Albany Police Department Prescription Drug Box
- Compact fluorescent bulbs
  - The Home Depot
- Batteries
  - Car – AutoZone, Battery X-Change
  - Rechargeable and less than 11lbs. ONLY (no single use alkaline or lithium) – Staples
  - Rechargeable tool batteries – Home Depot
  - Car fluids
  - Republic Services (motor oil in sealed container)
Lumber to Legacy: Sawing for Schools

Arbor week event to raise money to support Oregon White Oak Restoration Program and related educational activities.

Partnership between City Tree Commission, Parks and Rec, school district, OSU, and others
Land Use Policies

Mixed land uses, jobs housing balance, compact urban design

Housing and transportation, walkability
Natural Resource Protection: Preserve open space, habitat, critical areas
Turning Sustainable Practice into Reality

Our work addresses sustainability issues from the regional level down to the building. We know that creating the sustainable city cannot happen within only a single discipline, and that's why SCI is grounded in a cross-disciplinary approach to solving community sustainability issues.

20+ class projects and reports from – from Activating Albany’s Downtown Waterfront, to bicycle transportation assessment, to a biosolids market analysis, and more.
Sustainability at LBCC

- Goal of waste free campus
- Native plants & water efficient landscaping
- Storm water quality and quantity controls
- Minimizing heat island effect with material color & landscaping
- Using local materials and supplies, and earth-friendly cleaning supplies
- Green power for 35% of building energy
- Electric carts used by staff
- Electric car charging stations
- New carpet squares 100% recyclable
- Free Linn-Benton Loop bus for students/staff
- Sustainability incorporated into horticulture, agriculture, biology, engineering and mechatronics curriculum, providing students with current information and real-world application of sustainable practices in their fields of study
Building and remodeling for increased energy efficiency and green buildings. **White Oak Hall** renovation includes green roof and underground cistern system for rain water run-off, will reduce campus water usage by 50%. The Knight Wall System – aluminum clad rain system.
Madrone Hall has floor to ceiling photovoltaic cell windows on south wall, finishes within reflect light. Building received a LEED Silver Certification.
Large Solar Arrays
Culture, Social, Sense of Place