

APPENDIX Q

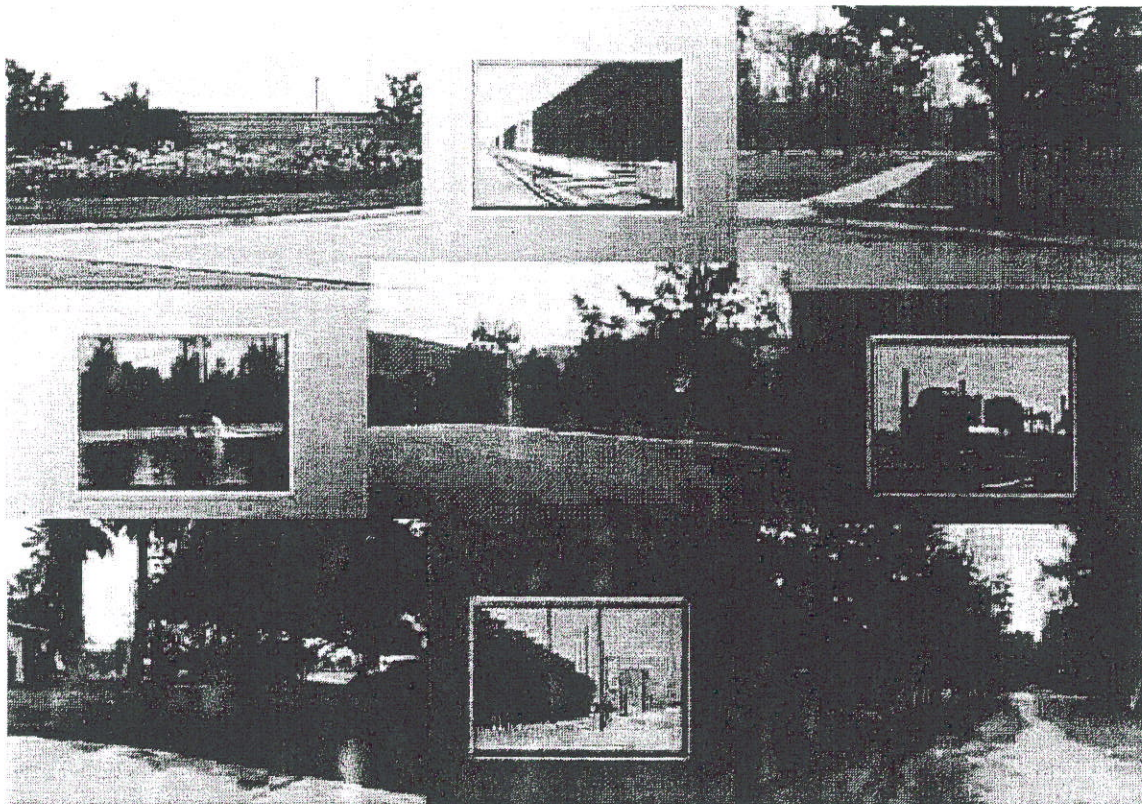
IEUA's Mission on Recycled Water

Inland Empire Utilities Agency, in cooperation with its seven Member Agencies, is offering Disinfected Tertiary Recycled Water that meets all the requirements for Title 22 Water Recycling Criteria.

IEUA is dedicated to offering a clean, safe and drought-proof source of water, thereby reducing the dependence on expensive imported water. This recycled water can be used for a variety of non-potable purposes, such as landscape irrigation, agricultural irrigation, construction, and industrial cooling. By replacing these water-intensive applications with high quality recycled water, fresh water can be conserved or used for other purposes such as drinking and bathing. Every drop of recycled water made is potentially a drop of potable water saved.

IEUA's Goal For Use Of Recycled Water

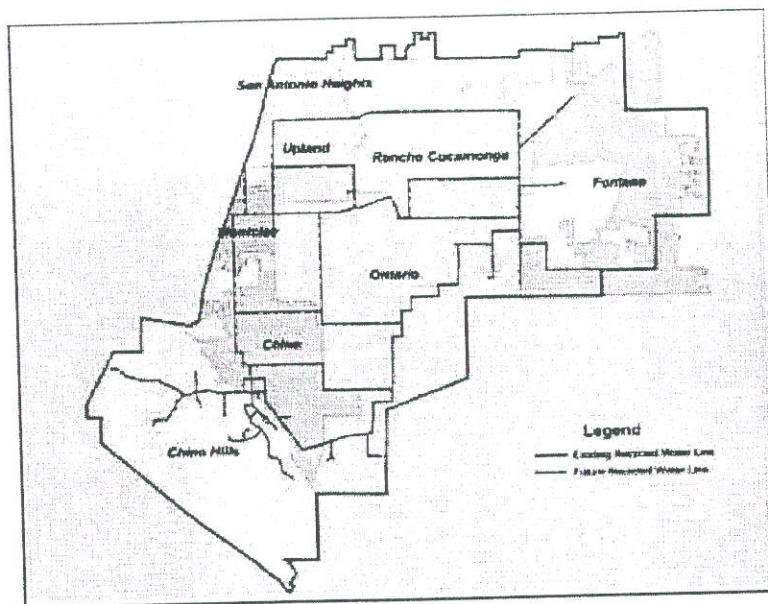
"The overall goal of the IEUA Recycled Water Program is to encourage *maximum use of the recycled water resource for beneficial purposes*, thereby conserving water within the Chino Basin and reducing the dependency on imported water."



Distribution

Currently Recycled Water is being served primarily to the City of Chino and the City of Chino Hills. An extensive distribution system is planned in phases over the next 10 years to serve the northern portion of IEUA's service area. Local recycled water planned pipelines are not included in the distribution map. For information on when recycled water will be available in your area, please contact your local member agency

Distribution Map – Present and Planned Future Dist System



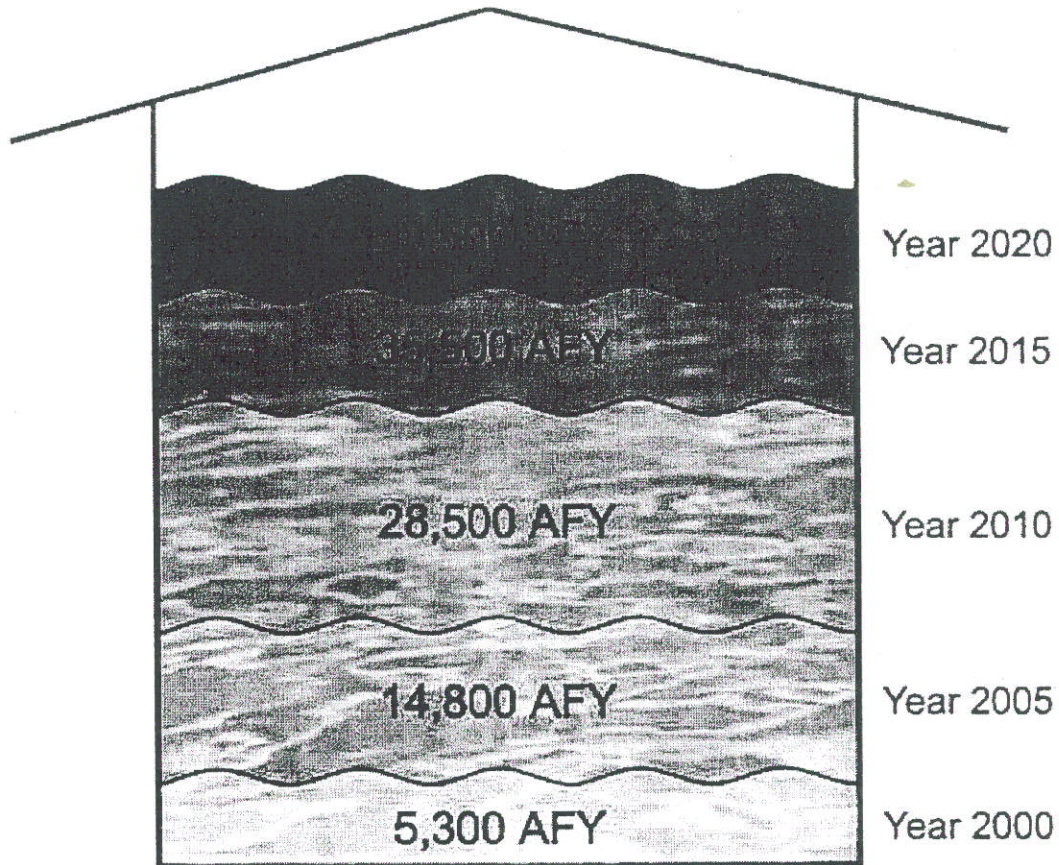
Current vs. Future Recycled Water Usage

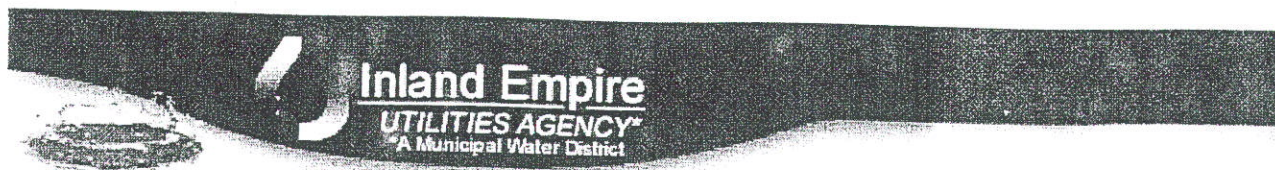
CURRENT REGIONAL RECYCLED WATER PROGRAM TOTALS (Acre-Feet*/Year)	
Current Production	67,000 AFY
Prado Requirement	-17,000 AFY
Net Available	50,000 AFY
Current Recycling	5,300 AFY
Current Recharge	500 AFY
Total Utilization	5,800 AFY

REGIONAL RECYCLED WATER PROGRAM GOALS BY 2020 (Acre-Feet*/Year)	
Projected Production	127,000 AFY
Prado Requirement	-17,000 AFY
Net Projected Available	110,000 AFY
Projected 2020 Recycling	42,000 AFY
Projected 2020 Recharge	28,000 AFY
Total Projected Utilization	70,000 AFY
* An acre-foot is about 326,000 gallons, which is enough to serve household needs of two families of four for a year.	

Inland Empire Utilities Agency's Goals For Water Recycling

in Acre- Feet / Year





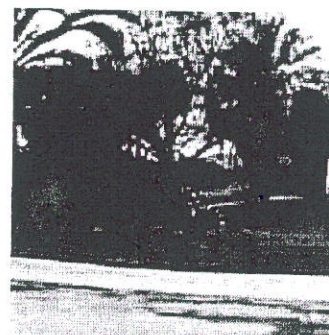
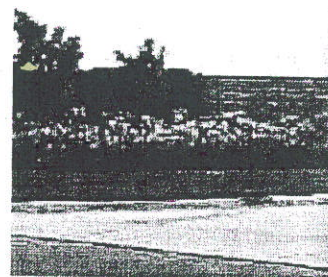
Recycled Water



What Can Recycled Water Be Used For?

IEUA produces one of the nation's highest quality recycled water that can be used for a wide variety of applications, including, but not restricted to those listed below.

- Industrial cooling towers,
- Industrial process water,
- Irrigation of unrestricted access golf courses,
- Irrigation of freeway landscaping,
- Irrigation of pasture for animals,
- Groundwater recharge,
- Cleaning roads, sidewalks and outdoor work areas,
- Dust control on roads and streets,
- Soil compaction,
- Mixing concrete,
- Recreational impoundments,
- Decorative fountains,
- Commercial laundries,
- Commercial car washes,
- Flushing toilets and urinals,
- Irrigation of residential landscaping,
- Irrigation of parks and playgrounds, and school yards, and
- Irrigation of food crops.



Current Use of Recycled Water in Our Service Area

Presently, IEUA wholesales disinfected tertiary recycled water to the City of Chino, City of Chino Hills, and the City of Ontario. With the exception of Reliant Energy located in Etiwanda, most of the current recycled water users are located in IEUA's Southern Service Area. Plans are underway to expand the recycled water system to include the Northern Service Area via recycled water pipelines, pump stations, and satellite plants.

RWRP-1 Recycled Water Uses

Plant effluent is currently used for irrigation of the Whispering Lakes Golf Course, El Prado Golf Course, and Westwind Park. It also supplies water to the Prado Regional Park Lake in southwestern San Bernardino County, the excess flow is being discharged to the Cucamonga Creek Flood Control channel and into the Santa Ana River.

Recycled water from the RWRP-1 Facility is also currently used to recharge the Chino Basin aquifer via the Ely Basin No. 3 at the rate of 500 AFY. The quantity of recycled water recharged in the Basin is scheduled to increase to 2,300 AFY in the future.

RWRP -2 Recycled Water Uses

The RWRP-2 tertiary effluent is currently released to Chino Creek.

RWRP -4 Recycled Water Uses

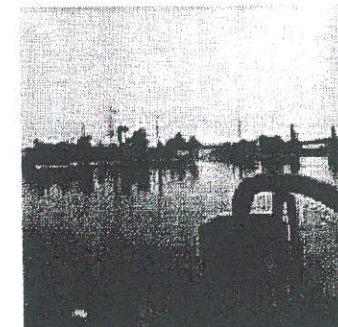
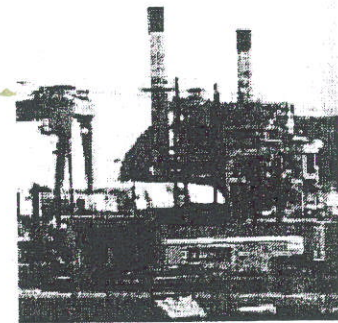
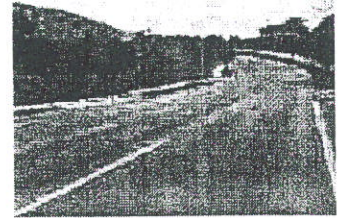
The RWRP-4 tertiary effluent is combined with the RP-1 effluent and thus is used for irrigation of the El Prado Golf Course, and also supplies water to the Prado Regional Park Lake in southwestern San Bernardino County, with excess being discharged to the Cucamonga Creek Flood Control channel and onto the Santa Ana River. It will soon be used as cooling water for Reliant's Etiwanda generating station.

CCWRF Recycled Water Uses

Plant effluent is delivered to the IEUA "southern" recycled water distribution system that supplies water to the City of Chino and the City of Chino Hills. The City of Chino has 24 customers ranging from industries, to City parks and small businesses. The City of Chino Hills has larger users, i.e., golf courses, housing associations and much of the City's greenbelt area ... parkway medians and curb areas.

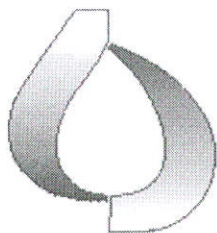
RWRP -5 Recycled Water Uses

RWRP-5 currently under construction. The recycled water from this plant will be available for unrestricted recreational use, such as boating, fishing, and swimming. Any excess and chlorinated/dechlorinated effluent will be released to Chino Creek.



Contacts: Public Information Officer Webmaster

APPENDIX R



Inland Empire
UTILITIES AGENCY

October 27, 2003

Mr. Joseph T. Ruzicka
Board of Directors
Three Valley Municipal Water District
1021 E. Miramar Avenue
Claremont, California 91711-2052

Dear Director Ruzicka:

On behalf of the Inland Empire Utilities Agency's (IEUA) Board of Directors, I would like to invite you to tour our recently completed Administrative Headquarters on Tuesday, November 4, 2003, at 10 a.m. Your visit will include a presentation, tour and a question-and-answer session. Refreshments will be served.

Our headquarter buildings have been designed and constructed with the goal of attaining the highest level of energy and environmental efficiency design standards in the United States – standards adopted by the United States Green Building Council. Every detail of IEUA's new headquarters – from the solar panels on the roof to the tire stops in the parking lot made from recycled milk containers – was designed to be both environmentally sound and cost-effective. Although IEUA's two 33,000 square-foot buildings are as large as 40 average homes, they consume only as much energy as three to four average homes. IEUA has reduced its need for energy from the grid by more than 70% and we expect to be 100 percent energy self-sufficient within two years.

We are very proud of our new headquarters and believe it is an excellent example of how it is possible, with careful, integrated planning to provide new office space while conserving resources, minimizing environmental impacts, providing a healthy environment for employees, and restoring the native landscape.

I hope you will be able to join us on November 4. Please RSVP to Sondra Elrod at 909.993.1747 by October 31 to confirm your attendance.

Sincerely,

INLAND EMPIRE UTILITIES AGENCY

Eliza Jane Whitman

Eliza Jane Whitman
Supervising Engineer
Headquarters Project Manager

APPENDIX S

**Inland Empire Utilities Agency
LEED Signage Program**

NO.	DESCRIPTION	LOCATION CODE	VERBIAGE	QTY.	MOUNT.
1	LEED Plaque	COMM 203 A COMM 501 A	The Agency's two 33,000 square foot buildings are equivalent in size to 40 average homes, but their energy consumption is that of approximately three to four average homes.	2	A
2	LEED Plaque	COMM 203 A COMM 501 A	Recycled water from the Agency's treatment facilities is used to meet 100% of the demands of on-site irrigation water features and toilets.	2	A
3	LEED Plaque	COMM 201 A PO 537 B	Each building boasts 27 separate climate control zones, as well as carbon dioxide sensors that continuously monitor the environment	2	A
4	LEED Plaque	COMM 203 A COMM 802 B	A fleet of electric and hybrid vehicles as well as on-site electric chargers and bike racks have been provided to encourage alternative transportation by employees and visitors.	2	A
5	LEED Plaque	COMM 050 A COMM 605 B	Employee Break Rooms feature environmentally-friendly materials: • Counter tops are made from 100% recycled materials that would have otherwise gone into landfills • Millwork cabinetry is constructed from low-emitting composite wood that reduces volatile organic compounds inside the building	2	A
6	LEED Plaque	COMM 110 A PO 536 B	Installation of low-emitting materials including paints, carpets, adhesives and composite wood reduce concentrations of volatile organic compounds inside the building, providing a healthier working environment.	2	A
7	Plaque (see note 1)	WS 134 A	The systems furniture incorporates large percentages of recycled and low-emitting materials. The fabric is 100% recycled on the panels. "Life" chairs are made of 90% recycled materials and the private office furniture is fabricated locally to reduce transport costs.	2	B
8	LEED Plaque	WS 559 B COMM 096 A COMM 537 B	Carpet tiles, bathroom partitions and tiles, employee breakroom countertops, fire stops, and landscaping mulch are made from recycled materials. 77% of building construction materials were recycled.	2	A
9	LEED Plaque	COMM 099 A COMM 661 B	Solar roof panels produce 60,000 watts of electricity. The remaining power and heating and cooling requirements are met from using methane gas generated at the Agency's treatment plants.	2	A
10	LEED Plaque	COMM 099 A COMM 661 B	Natural light from skylights and windows, in conjunction with very efficient light fixtures and light sensors throughout the buildings, as well as a 'cool roof' and absorption chillers allow for a reduction in energy consumption of over 80%.	2	A
11	LEED Plaque	COMM 034 A COMM 035 A COMM 103 A COMM 104 A COMM 658 B COMM 662 B COMM 688 B COMM 689 B COMM 013 A	Installation of high-efficiency plumbing fixtures, such as 0.5 gallon faucet aerators, recycled water for dual-flush toilets, ultra-low flow urinals, and landscape irrigation reduces building water consumption by 74% over standard buildings.	9	A
12	LEED Plaque	COMM 035 A COMM 103 A COMM 662 B COMM 688 B	Restroom environmental features include: • Toilets and urinals use recycled water. The urinals are ultra low flow at 0.5 gal per flush • Restroom partitions are made of recycled milk cartons • Ceramic tiles are 70% recycled auto windshields • Locker room floors are heated from waste heat generated at the treatment plant.	3	A
13	LEED Plaque	COMM 034 A COMM 104 A COMM 658 B COMM 689 B COMM 013 A	Restroom environmental features include: • Toilets use recycled water and are dual-flush. They use either 0.8 or 1.6 gal per flush • Restroom partitions are made of recycled milk cartons • Ceramic tiles are 70% recycled auto windshields • Locker room floors are heated from waste heat generated at the treatment plant.	3	A

view

11/20/2003

NO.	DESCRIPTION	LOCATION CODE	VERBIAGE	QTY.	MOUNT
14	LEED Plaque	COMM 001 A	Exterior environmental features are many, and include:	5	A
		COMM 501 B	• Water-guzzling ceramic toilets have been crushed and recycled as part of the building's foundation		
		PO 082 A	• Tire stops are made of recycled milk cartons		
		COMM 805 B	• Drive isles and parking lots provide exhibits of various materials used to achieve stormwater capture and water reuse		
		PO 005 A	• Rubber mulch is from California recycled tires		
			• Curb and gutters have been eliminated and swales and basins are designed for stormwater infiltration and treatment		
			• All plants are either native California or drought tolerant plants. 15 gallon is the largest size plant installed on site to establish a healthier trees and scrubs		
			• Light pollution is being kept to a minimum with 'lights-off' at 9 PM and exterior lighting directed down to stay on-site.		
			• The parking lots and driveways consist of five different paving materials. This reduces the 'heat island' effect, allows for on-site infiltration, and provides a cost effective design		

NOTE 1: The header on this plaque will read ENVIRONMENTALLY CONSCIOUS FURNITURE

APPENDIX T

IEUA: LEED™ing The Way



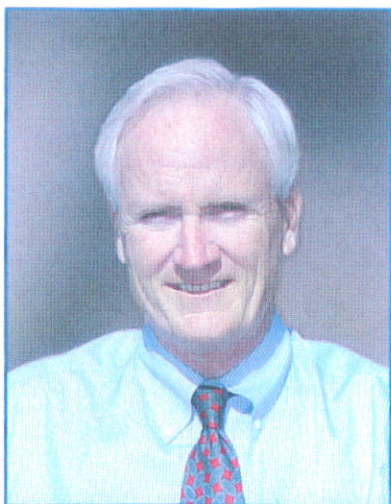


Inland Empire

UTILITIES AGENCY*

6075 Kimball Avenue • Chino, CA 91710
P.O. Box 9020 • Chino Hills, CA 91709
TEL (909) 993-1600 • FAX (909) 597-8875

* A Municipal Water District



Dear Friend:

The Inland Empire Utilities Agency (IEUA) is committed to building a better environment by example. Our new administrative headquarters, located in the City of Chino, is a wonderful example of how we can build a cost-effective, environmentally sound public building that will contribute to the quality of life in the Chino Basin.

The headquarter buildings, using inexpensive tilt-up construction, were designed and constructed with the goal of attaining the highest level of national standards by the United States Green Building Council's Leadership in Energy and Environmental Design (LEED). The new headquarter facilities demonstrate how using recycled building materials and state-of-the-art energy efficiency can create a better environment, save water, improve staff productivity and contribute to the restoration of native landscapes.

The headquarters complex is one of the largest public landscapes in Southern California to use native plants and to have integrated state-of-the-art storm water management, including the restoration of natural drainage and the creation of wetlands and riparian habitat, on the property.

IEUA's administrative headquarters proves that smart building design can achieve environmental benefits, provide a healthy work environment and save significant public dollars. IEUA's payback on the increased costs of investing in a LEED™ designed building will be realized in four years – far exceeding the originally envisioned 12-year payback.

IEUA's board of directors, executive management and staff are excited about the new headquarters complex. To learn more about our facility, please visit IEUA's Web site at <http://www.ieua.org>.

Sincerely,

Richard W. Atwater
Chief Executive Officer
General Manager

Building Highlights

Leading by example, IEUA's board of directors approved the use of LEED™ design criteria for its new headquarters to showcase how an integrated, sustainable-designed building can create a better environment, conserve energy, improve productivity and contribute to the restoration of native landscapes.

Energy Savings

While the headquarter complex's two 33,000 square-foot buildings are equivalent in size to 40 average-sized homes, the energy consumption is equivalent to approximately three to four average-sized homes.

By 2006, IEUA's administrative headquarters will be 100% energy "self-sufficient." The facilities will achieve self-sufficiency through a combination of energy conservation and power generated by solar panels (photovoltaics) located on the facility's roof, and methane gas generated by the anaerobic digestion process at the wastewater treatment plant located adjacent to the headquarters.

Natural Resource Conservation

The extensive use of recycled materials is seen throughout the interior and exterior of the headquarters complex. Using green power technologies and recycled water from IEUA's treatment plants, the buildings effectively conserve precious natural resources and utilize proactive conservation measures.

Water Efficiency

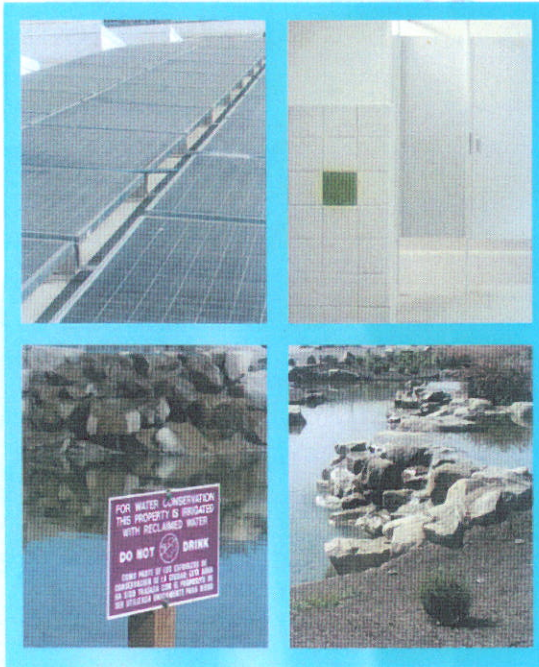
The use of recycled water from IEUA's treatment facilities and installation of high-efficiency plumbing fixtures, dual flush toilets and ultra-low flow urinals, reduces water consumption by 73%

compared to buildings using traditional fixtures.

Recycled water from IEUA's treatment facilities meets irrigation and exterior non-potable water demands. Planting more than 10,000 native and drought tolerant trees, shrubs and bushes throughout the site further reduces water consumption.

Cost Savings

The construction costs for the two tilt-up headquarter buildings were less than \$154 per square foot—far below the industry standard of \$180-\$294 per square foot for comparable buildings. Improved lighting, water and energy efficiencies will result in significant operating cost savings. IEUA expects to save more than \$800,000 per year in energy costs alone.



Headquarter Interior Highlights

- ▶ Countertops made from 100% recycled materials that would have otherwise gone into landfills.
- ▶ Millwork cabinetry constructed from low-emitting composite wood that reduces volatile organic compounds inside the building.
- ▶ Fully recyclable plastic and aluminum seating.

▶ Wall coverings and partitions are made of recycled materials.

- ▶ Dual flush toilets using recycled water.
- ▶ Restroom partitions made of recycled milk containers.
- ▶ Restroom tiles made from recycled auto windshields.

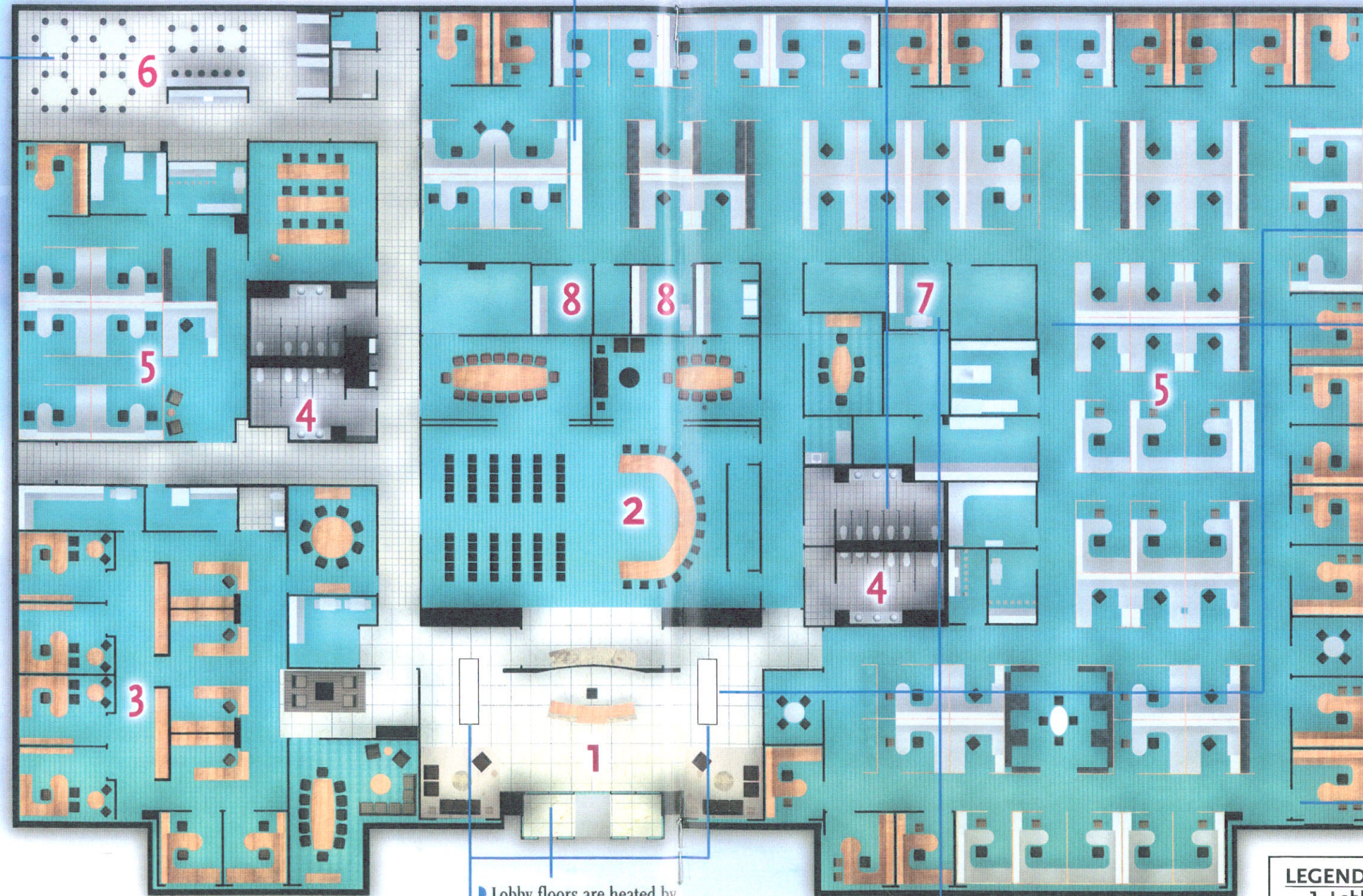
- ▶ The building receives natural light from the 20 skylights in Building A and 22 in Building B.
- ▶ Installation of low-emitting materials including paints, carpets, adhesives and composite woods.

- ▶ 27 separate climate control zones and carbon dioxide sensors continuously monitor the interior environment.

▶ Lobby floors are heated by waste heat generated at Regional Plant No. 5.

- ▶ Light sensors that dim or increase the fluorescent lighting, depending upon the intensity of sunlight, are placed throughout the building.

▶ Enclosed area with increased ventilation to improve air quality.



LEGEND

1. Lobby
2. Boardroom
3. Executive Offices
4. Restrooms
5. Office Space
6. Break room
7. Production Center
8. Conference Rooms

Headquarter Exterior Highlights

IEUA's headquarters complex was designed to also serve as a 14-acre demonstration site for storm water capture, settling and treatment. The 25-year storm event is detained on-site and allows storm water to be treated naturally via swales, wetlands and native vegetation planted specifically for that purpose. This reduces pollutants in the urban run-off, which improves water quality and also reduces downstream flooding.

Off-site storm water is designed to surface flow "day lighting" instead of being discharged to a local creek through a box culvert, as originally specified in the City of Chino's Stormwater Master Plan.

Drive Isles, Parking Lots and Exterior Grounds

A combination of five different paving materials were used in the drive isles and parking lot to exhibit storm water capture and water reuse.



- Asphalt used in drive isles.
- Decomposed granite used in pathways and parking stalls.
- Porous concrete used in drive isles and parking stalls.
- Gray concrete used in parking stalls.
- Interlocking pavers used in pathways and parking stalls.

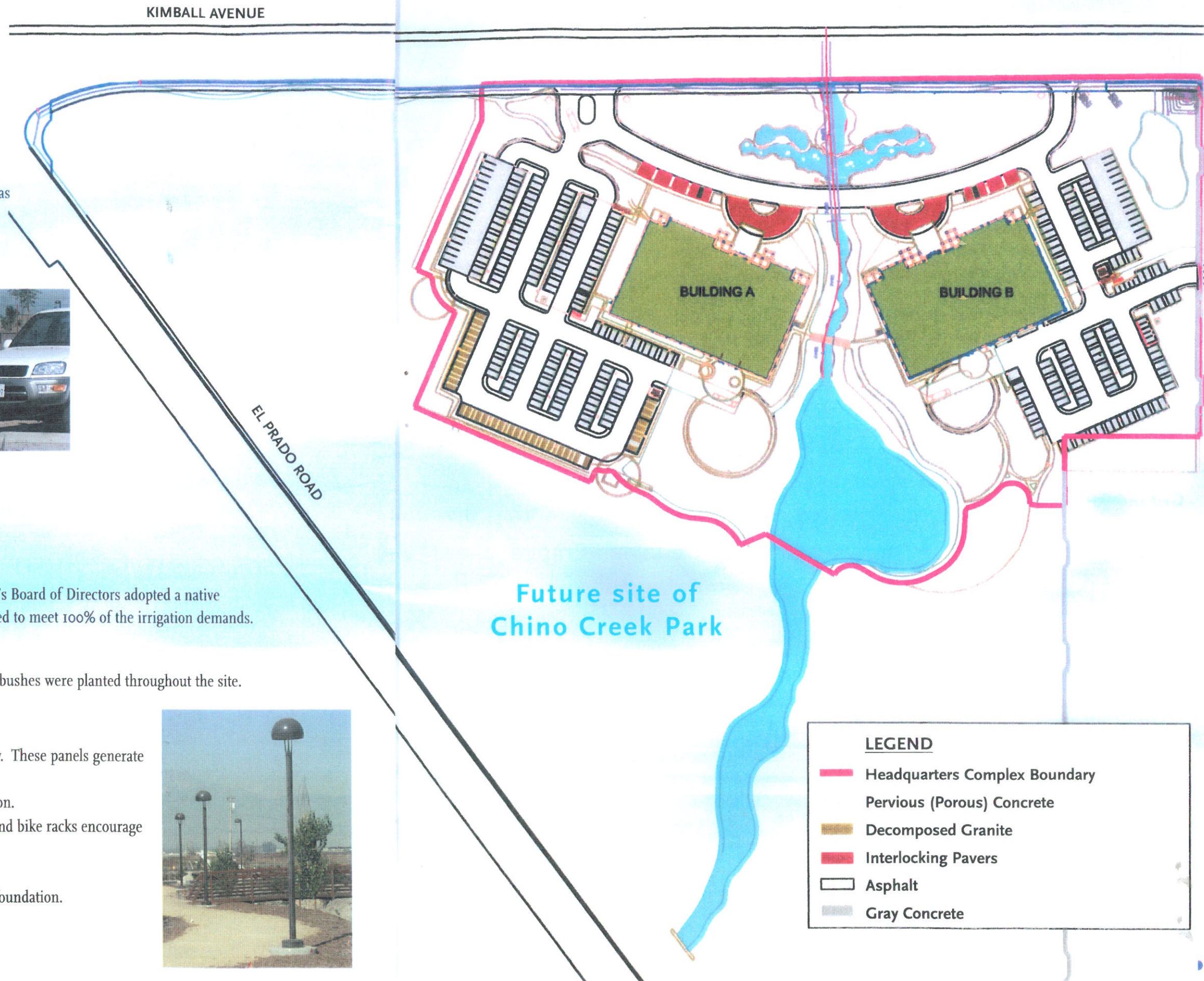
Landscaping and Recycled Water

In their continued efforts to drought-proof the Chino Basin, IEUA's Board of Directors adopted a native landscape policy for its headquarters facility. Recycled water is used to meet 100% of the irrigation demands.

- Rubber mulch is made from 100% recycled tires.
- More than 10,000 native and drought tolerant trees, shrubs and bushes were planted throughout the site.

Exterior Building Specifics

- Solar roof panels (photovoltaics) produce 60,000 watts of energy. These panels generate enough electricity to power 33,000 square feet of office space.
- "Cool roof" reflects light and reduces the effect of heat absorption.
- A fleet of alternative fueled vehicles, an on-site fueling facility, and bike racks encourage alternative transportation by employees and visitors.
- Tire stops made from recycled milk containers.
- Crushed high water consumption toilets used in the buildings' foundation.
- Exterior lighting stays on-site, reducing light pollution.



IEUA's Vision

Inland Empire Utilities Agency's vision is to promote water conservation, water recycling, groundwater management, organic composting, renewable energy, and overall environmental stewardship in partnership with the communities we serve.

Planning for a Reliable Water Future

IEUA showcases innovative water conservation programs to save water that will help meet our future water needs. Every gallon of water saved translates into reduced demand for expensive imported water supplies resulting in lower water bills.

Water Recycling

IEUA's regional recycled water distribution system will provide up to 20% of our future water needs. This safe and inexpensive water can be used for outdoor irrigation, commercial and industrial processing and other non-potable uses.

Groundwater Management

Working with its retail agencies and Chino Basin Watermaster, IEUA is implementing a comprehensive groundwater enhancement program that will provide over 500,000 acre-feet of new groundwater storage within the Chino Basin ensuring that Chino's vast groundwater supply is available to meet the future needs of the region.

Organic Composting

In a joint venture with Los Angeles County Sanitation District, IEUA is retrofitting an existing warehouse into an enclosed composting facility to process organic material into high-quality fertilizer products.

Energy Efficiency

IEUA is developing cost-effective and reliable renewable energy sources through green power technologies such as solar panels, biogas (methane) fuels, and efficient power generation systems to demonstrate what can be done locally to generate power.

Air and Water Quality Benefits

IEUA is committed to the protection of the region's air and downstream water quality through its Organics Management Strategy of treating wastewater biosolids, dairy manure, yard clippings and other organic materials.



6075 Kimball Avenue, Chino, CA 91710

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<http://www.ieua.org>



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