

Long Beach Water and CSULB

Indoor and Outdoor Water Efficiency

Indoor Water Efficiency

Certified Blue Restaurant Program

Overview

Long Beach Water Department's Certified Blue Restaurant (CBR) program supports and recognizes the outstanding Long Beach restaurants that achieve exceptional water efficiency in our community. Interested restaurants can receive a no-cost, on-site efficiency survey, free water efficient devices (if eligible), and an assessment for other possible rebates.

Perks

Once Certified Blue, restaurants will receive a branded brag kit courtesy of LBWD to show off your pride at being water efficient. Additionally, LBWD will recognize restaurants for exceptional water efficiency through various marketing channels and events.

Requirements

- Restroom faucets: 0.5 gpm or lower
- Toilets: 1.6 gpf or lower
- Kitchen hand sinks: 0.5 gpm or lower
- Pre-rinse spray valve: 1.1 gpm or lower

- Dishwasher: Energy Star rated
- (If Applicable):
- Ice machine: Air cooled
 - Food steamer: Connectionless or boilerless
 - Dipper wells: heated or utilize non-continuous
 - Wash down procedures: utilize a pressure washer and/or water broom

Figure 1: CBR Flyer



Enroll today to join the new **CERTIFIED BLUE RESTAURANT PROGRAM**, a great opportunity for Long Beach eateries to save water, energy and money!

Interested restaurants can enroll at register.lbwater.org/restaurants to receive a no-cost, on-site efficiency survey, free water efficient devices (if eligible), and an assessment for other possible rebates.

Once Certified Blue, restaurants will:

- Receive a branded brag kit courtesy of LBWD to show off your pride at being water efficient
- Be recognized by LBWD for your exceptional water efficiency through various marketing channels.

Show your community that every little change we take together to save water adds up to make a big difference!

See back flyer to read the requirements to be Certified Blue. LBWD is here to help our CBR enrollees and provide guidance at every step of the way.



Restaurants must meet all items listed below in order to be Certified Blue:

Requirements:	Required, if applicable*:
 Toilets: 1.6 gallons per flush (GPF) or lower	Wash down procedures: utilize a pressure washer and/or water broom 
Restroom faucets: 0.5 gallon per minute or lower	Ice machine: Air cooled
Kitchen hand sinks: 0.5 gallon per minute (GPM) or lower	Food steamer: Connectionless or boilerless
Dishwasher: Energy Star certified	Dipper well: heated or utilizes non-continuous flow technology
Pre-rinse spray valves: 1.1 gallons per minute (GPM) or lower.	<i>* Retrofit required if staff determines payback period of this device is less than 2 years.</i>

Enroll today!

Certified Blue Restaurant at CSULB

List of current CBR associated with CSULB

	RESTAURANT NAME	ADDRESS	CITY	ZIP
1	Hibachi San- CSULB Food Court	1250 Bellflower Blvd.	Long Beach	90840
2	University Plaza UDP	1250 Bellflower Blvd	Long Beach	90840
3	Chart Room-CSULB	1250 Bellflower Blvd	Long Beach	90840
4	Panda Express- CSULB Food Court	1250 Bellflower Blvd	Long Beach	90840
5	opa! Greek- CSULB Food Court	1250 Bellflower Blvd	Long Beach	90840
6	Beachwalk	1250 Bellflower Blvd.	Long Beach	90840
7	CSULB Starbucks- Food Court	1250 Bellflower	Long Beach	90840
8	Hillside Dining- CSULB	1250 Bellflower Blvd	Long Beach	90840

9	Parkside Dining Hall- CSULB	1250 Bellflower Blvd	Long Beach	90840
10	Beachside Dining- CSULB	4835 Pacific Coast Hwy	Long Beach	90804
11	Starbucks Library- CSULB	6049 E. 7th St.	Long Beach	90840
12	Beachhut- CSULB	1250 Bellflower	Long Beach	90840
13	Nugget- CSULB	6049 E. 7th St.	Long Beach	90840
14	Convenience Store- CSULB	1250 Bellflower Blvd.	Long Beach	90840
15	Outpost- CSULB	6049 E. 7th St.	Long Beach	90840
16	CSULB Walter Pyramid	1250 N Bellflower	Long Beach	90840

List of current water device installations at CSULB

Restaurant Name	Installation Date	Total PRSVs	Bathroom Faucet Aerators Given	Kitchen Faucet Aerators Given
Hibachi San-CSULB Food Court	06-Mar-18	1	0	2
University Plaza UDP	06-Mar-18		1	2
Chart Room-CSULB	06-Mar-18		0	3
Panda Express-CSULB Food Court	06-Mar-18	0	0	1
opa! Greek-CSULB Food Court	06-Mar-18	1	0	2
Beachwalk	06-Mar-18	0	0	2
CSULB Starbucks- Food Court	06-Mar-18	1	0	2
Hillside Dining-CSULB	09-Mar-18	1	1	6
Parkside Dining Hall- CSULB	09-Mar-18	1	0	6

Beachside Dining- CSULB	09-Mar-18	0	1	4
Starbucks Library- CSULB	15-Mar-18	1		1
Beachhut- CSULB	15-Mar-18	0	0	1
Nugget- CSULB	15-Mar-18	0	0	3
Convenience Store- CSULB	15-Mar-18	0	0	1
Outpost- CSULB	15-Mar-18	0	0	4
CSULB Walter Pyramid	04-Apr-18	0	0	2

Estimated Water Savings

Pre-Rinse Spray Valves

Restaurant Name	Install Date	Total PRSVs	PRSV Existing GPM	Estimated Gallons Saved Per Min	Estimated Gallons Saved Per Year	Years Since Install	Gallons Saved Since Install
CSULB Starbucks-Food Court	06-Mar-18	1	2.5	1.43	31482.88	2.4	75558.912
opa! Greek-CSULB Food Court	06-Mar-18	1	1.75	0.68	14970.88	2.4	35930.112
Hibachi San-CSULB Food Court	06-Mar-18	1	1.42	0.35	7705.6	2.4	18493.44
Hillside Dining-CSULB	09-Mar-18	1	1.42	0.35	7705.6	2.39	18430.1063

Parkside Dining Hall- CSULB	09-Mar-18	1	1.42	0.35	7705.6	2.39	18430.1063
Starbucks Library- CSULB	15-Mar-18	1	1.42	0.35	7705.6	2.37	18303.4389
TOTAL		6		3.51	77276.16		185146.115

Kitchen Aerators

Restaurant Name	Install Date	Aerators Given	Existing Kitchen Aerator Flow #1	Estimated Gallons Saved Per Min	Estimated Gallons Saved Per Year	Years Since Install	Gallons Saved Since Install
Beachwalk	06-Mar-18	2	3.7	6.4	11008	2.4	26419.2
CSULB Starbucks-Food Court	06-Mar-18	2	2	3	5160	2.4	12384
opa! Greek-CSULB Food Court	06-Mar-18	2	4.28	7.56	13003.2	2.4	31207.68
Panda Express-CSULB Food Court	06-Mar-18	1	3.75	3.25	5590	2.4	13416
Chart Room-CSULB	06-Mar-18	3	2.5	6	10320	2.4	24768
University Plaza UDP	06-Mar-18	2	1.8	2.6	4472	2.4	10732.8
Hibachi San-CSULB Food Court	06-Mar-18	2	1.8	2.6	4472	2.4	10732.8
Nugget- CSULB	15-Mar-18	3	2.2	5.1	8772	2.37	20836.50411
Hillside Dining-CSULB	09-Mar-18	6	4.3	22.8	39216	2.39	93796.07671
Parkside Dining Hall- CSULB	09-Mar-18	6	1.75	7.5	12900	2.39	30853.9726
Beachside Dining- CSULB	09-Mar-18	4	2	6	10320	2.39	24683.17808
Starbucks Library- CSULB	15-Mar-18	1	2	1.5	2580	2.37	6128.383562
Beachhut-CSULB	15-Mar-18	1	2	1.5	2580	2.37	6128.383562

Convenience Store- CSULB	15-Mar-18	1	1.7	1.2	2064	2.37	4902.706849
Outpost- CSULB	15-Mar-18	4	2	6	10320	2.37	24513.53425
CSULB Walter Pyramid	04-Apr-18	2	2.2	3.4	5848	2.32	13570.56438
TOTAL		42		86.41	148625.2		355073.7841

Bathroom Aerators

Restaurant Name	Install Date	Aerators Given	Bathroom Aerator GPM	Estimated Gallons Saved Per Min	Estimated Gallons Saved Per Year	Years Since Install	Gallons Saved Since Install
University Plaza UDP	06-Mar-18	1	2.2	1.7	34093.84	2.4	81825.21
Hillside Dining- CSULB	09-Mar-18	1	0.5	0	0	2.39	0
Beachside Dining- CSULB	09-Mar-18	1	1.5	1	20055.2	2.39	47967.64
TOTAL		3		2.7	54149.04		129792.8587

Outdoor Water Efficiency

Commercial Lawn to Garden Program

The Long Beach Water Department (LBWD) offers an incentive for commercial and multi-family customers wanting to replace turf grass with drought tolerant plants. Properties with over 1,000 square feet are eligible for the Commercial Lawn to Garden Program.

Requirements

- 65% plant coverage using drought tolerant plants
- Storm water retention element
- Use of efficient irrigation system

Lawn to Garden at CSULB

In 2015, CSULB partnered with the LBWD to convert ~69,411 SF of lawn into drought tolerant landscaping. Through the Lawn to Garden Program, CSULB received \$69,411 as an incentive for their participation.

There were 12 project locations on CSULB campus:

1. East Turn Around Island
2. 7th St./East Campus Symposium
3. 7th Street Entrance
4. South Turn Island
5. ED1
6. LA 234 Laydown Area

7. West Turn Around Island
8. Bellflower Street Entrance
9. Bellflower Street Lawn
10. Lot 14C
11. Atherton Street Entrance
12. Atherton Street Lawn

Please see attached design documents for specific landscape locations.

Below are some photographs of the finished project:

Figure 1



Figure 2



Figure 3



Figure 4



Figure 5

