

From: [Hwang, Jin](#)
To: [Kwan, Delon](#)
Subject: RE: Hollywood Center Project WSA
Date: Thursday, November 29, 2018 9:24:44 AM

This project proposes four new buildings (46, 35, 11, and 11 stories), and two of these buildings have residential stories more over 25 stories.

Per Ordinance 184248, 100% of cooling tower make-up water for residential building over 25 stories must come from non-potable sources (GW and/or RW, etc.). There is an exception if sufficient GW and/or RW is not available, as determined by Building and Safety.

Graywater sources: clothes washer, bathtub, showers, bathroom wash basins

For Hollywood Center Project, majority of ordinance savings comes from indoor and graywater use.

For indoor ordinance savings, the following contributed: bath faucet (12 afy), shower (9 afy), residential clothes washer (8 afy), kitchen faucet (7 afy), toilet (5 afy), residential dishwasher (3 afy), etc. The rest is contributed by commercial dishwasher, commercial clothes washer, kitchen pre-rinse spray, but these savings are minor.

From: Kwan, Delon
Sent: Thursday, November 29, 2018 8:48 AM
To: Hwang, Jin
Subject: RE: Hollywood Center Project WSA

On fact sheet, ordinance savings is significant, almost double from average, seeing majority coming from indoor and graywater, is that correct? If yes, what's contributing from indoor?

From: Hwang, Jin
Sent: Thursday, November 01, 2018 6:56 AM
To: Rojo, Claudia
Cc: Kwan, Delon; Rayas-glen, Yvonne
Subject: Hollywood Center Project WSA

Good morning Claudia,

Please see the attached board package for the Hollywood Center Project WSA for the November 27th board meeting.

Thank you.

Jin Hwang

Civil Engineering Associate

Los Angeles Department of Water and Power

Water Resources Division

111 N. Hope St. Room 308

Los Angeles, CA 90012

213-367-4845