



INDUSTRIAL WASTEWATER PROGRAM UPDATES

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HOUSTON WATER**

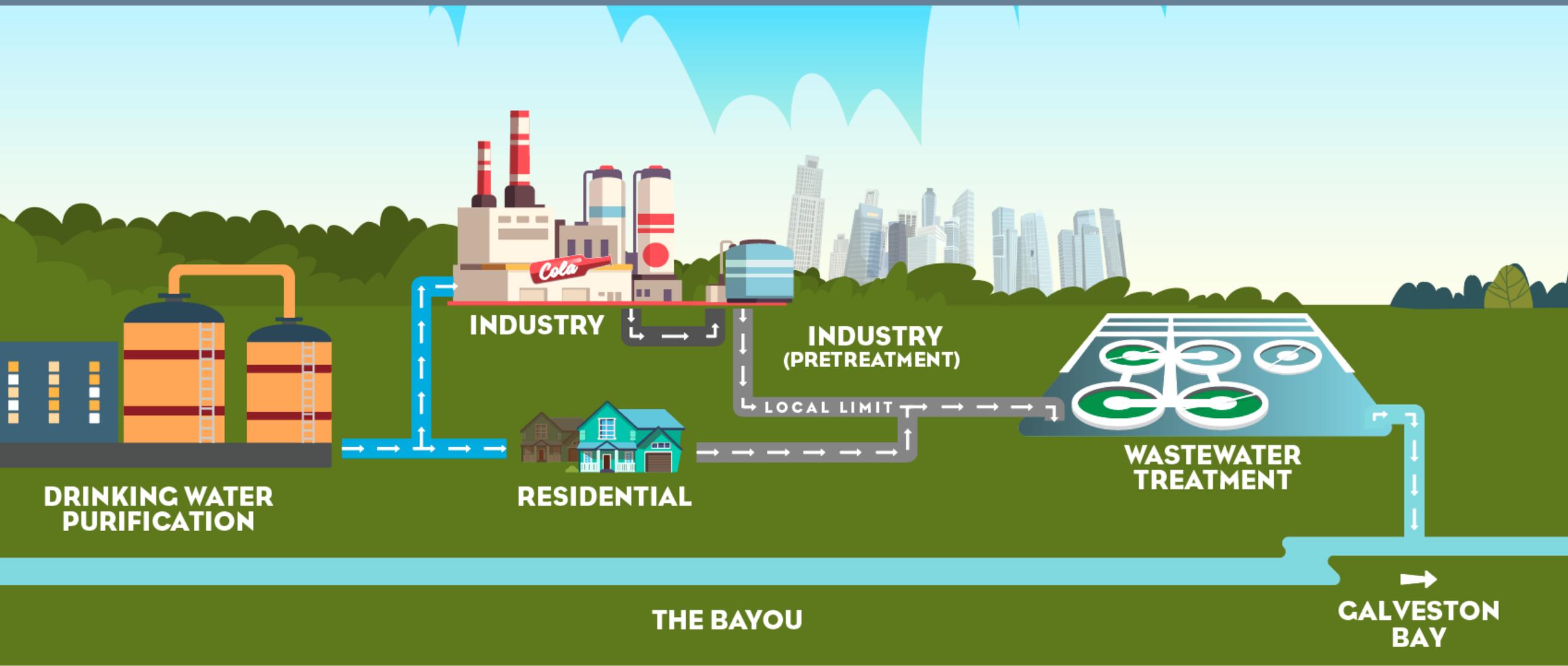
**NAOMI MACIAS, BUREAU CHIEF, PUBLIC HEALTH
HOUSTON HEALTH DEPARTMENT**



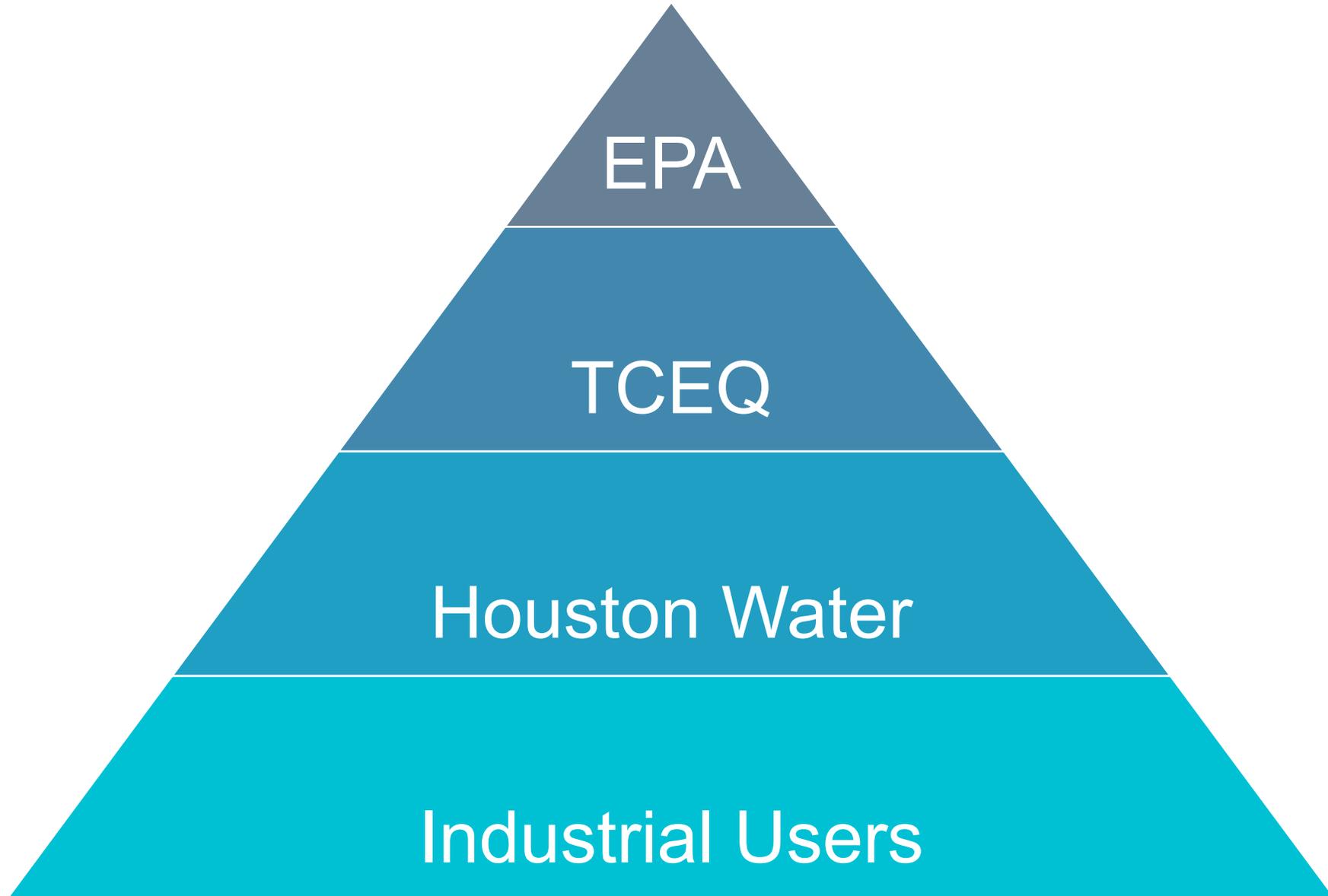


PURPOSE

update industrial wastewater program to
comply with State & Federal requirements



REGULATORY FRAMEWORK



LOCAL LIMIT CHANGES

POLLUTANT	EXISTING LIMIT (mg / l)	PROPOSED LIMIT (mg / l)
arsenic	2.0	1.5
cyanide	2.0	1.4
molybdenum	-	3.7
selenium	3.0	-
zinc	3.0	3.3
oil & grease	400	400/300/200*

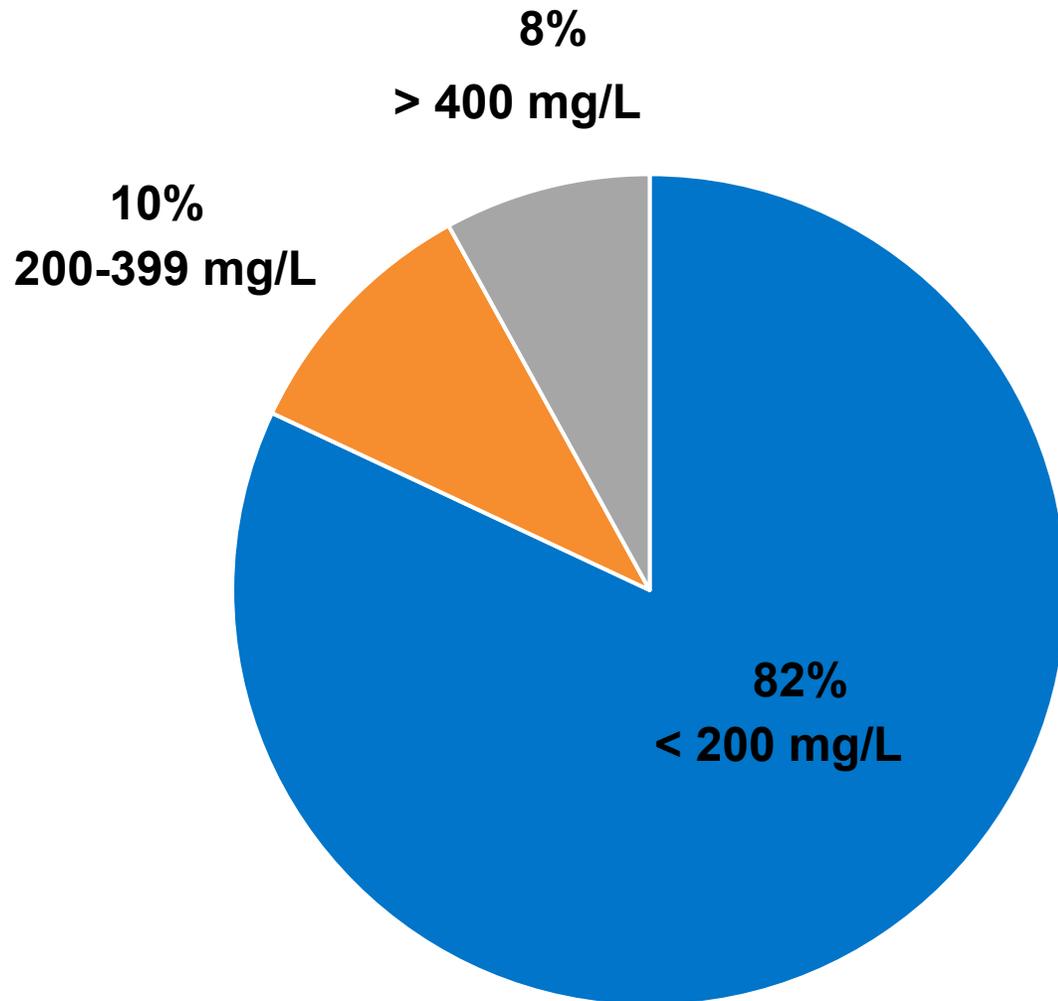
* 3-year phased-in reduction to 200

OIL & GREASE LIMITS

CITY	LIMIT (mg / l)
El Paso	100
Austin	200
Dallas	200
Houston	400/300/200*
San Antonio	200
Fort Worth	250

* 3-year phased-in reduction to 200

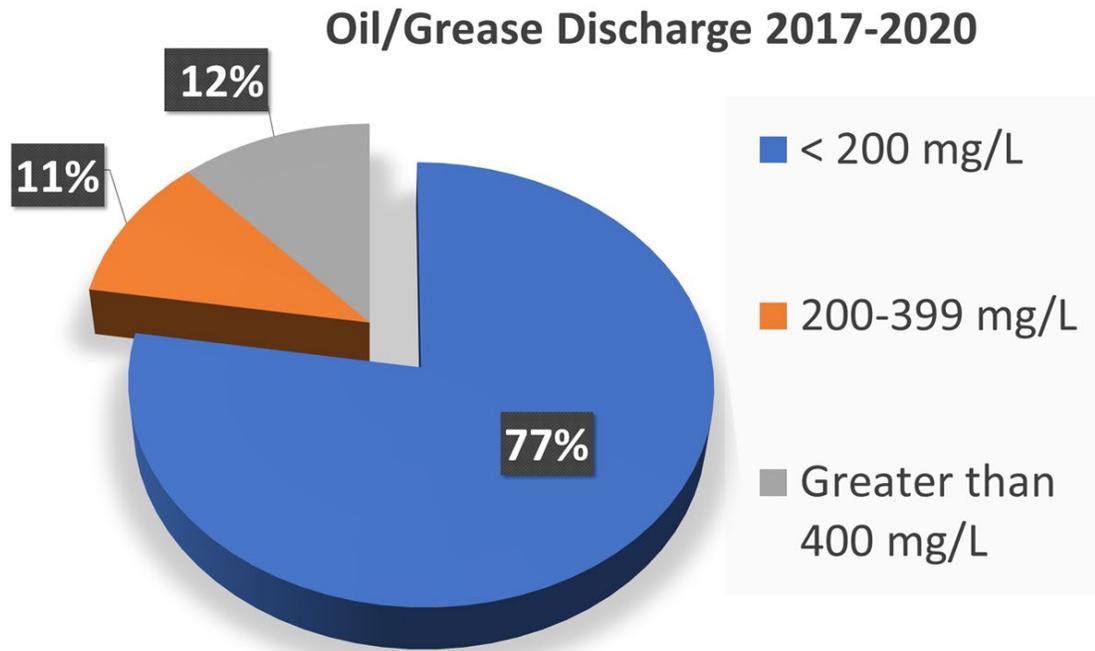
INDUSTRIAL WASTEWATER OIL & GREASE SAMPLES 2017-2020



153 Industrial Wastewater Permittees

Year	Oil & Grease Enforcement Actions
2017	16
2018	30
2019	19
2020	24
Total	89

Reduce oil/grease discharge limits from 400 mg/L to 200 mg/L (3 year Phase-In)



17,743 Interceptors

12,490 Grease, Oil/Water Sep, Grit

849 – Lift stations

4,403 – other (lint, septic, reclaim, etc)

3,705 Sewer Issue Complaints (FY20)

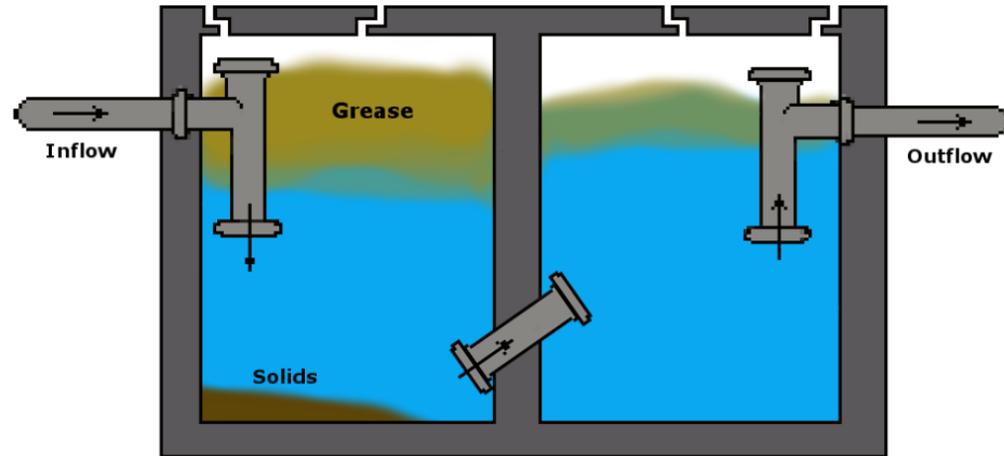
41,185 Inspections/Investigations (FY20)

HHD FOG Program



Waste Generators - Waste Transporters- Processing Facilities

Grease Trap



BENEFITS

- compliance with state & federal regulations, including proposed Consent Decree
- enhance operations of wastewater treatment plants
- protect public health, wastewater infrastructure & environment

PUBLIC COMMENT

proposed revisions to Ch. 47 Art. V & Art. XI & presentation
bit.ly/industrialwastewater

comment period

September 3 – October 5, 2020

email comments to

pretreatment@houstontx.gov



NEXT STEPS

WHEN	WHAT
Sept. 3 – Oct. 5, 2020	Public Comment Period regarding Ch. 47 Art. V and Art. XI revisions/Industrial Wastewater Program Updates
Oct./Nov. 2020	Council Action on Ch. 47 Art. V and Art. XI revision

thank you!



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