

*Lane Miller*

PHMSA

Training and Qualification

■ **Phone –**

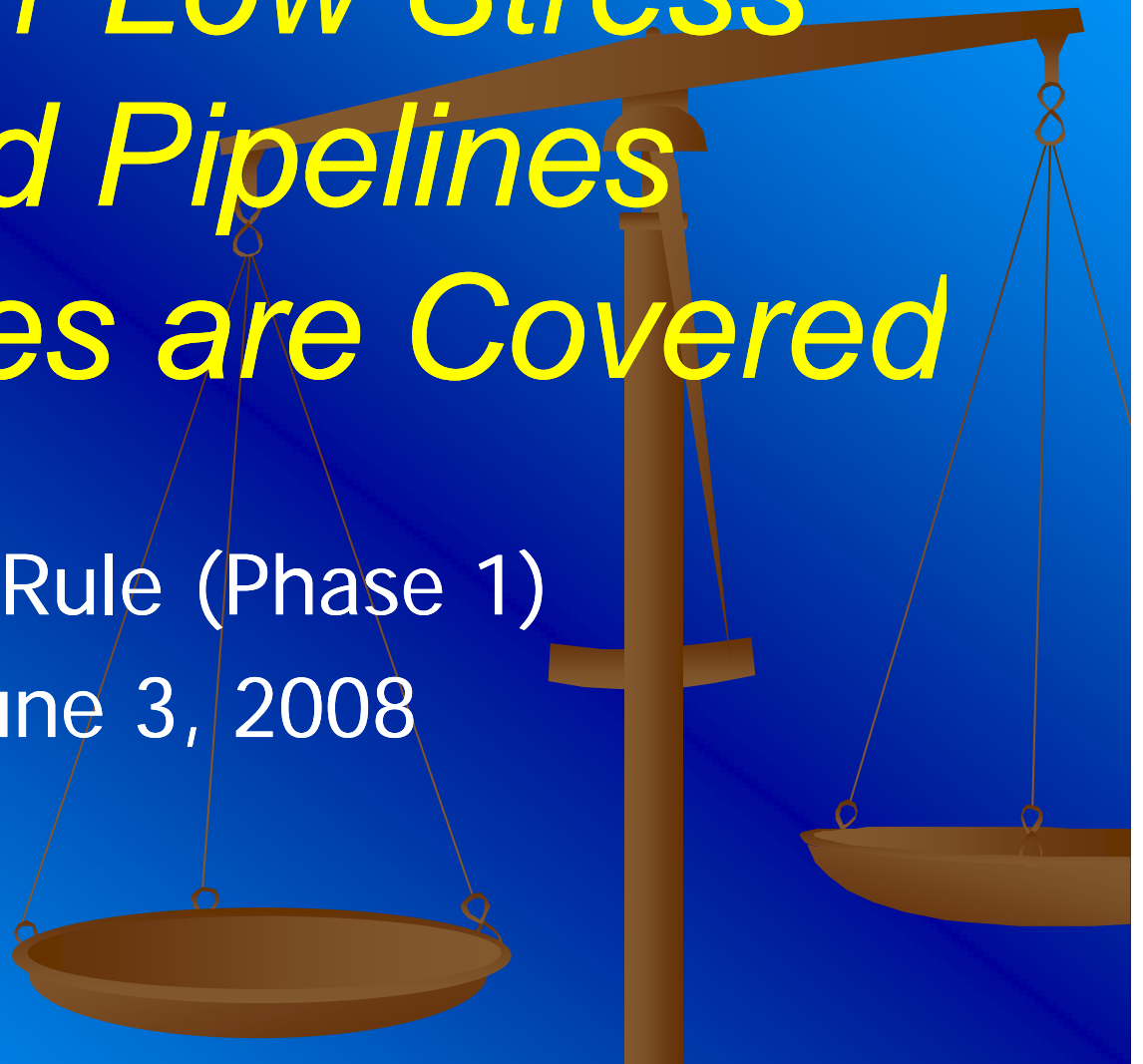
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*Gathering Line and  
Phase 1 Low Stress  
Liquid Pipelines  
What Lines are Covered*

Final Rule (Phase 1)

June 3, 2008



## *From the Act - 1992*

- Regulate Low Stress Lines in Environmentally Sensitive Areas
- Define “regulated gathering”
- The definition of “regulated gathering line” may not include :
  - <6 inches, <20% SMYS, Rural Area

# *Regulation Development*

- NPRM in Sept 2007
- Mandated for all low stress lines to meet all of Part 195 in 2006 Act.
- SNPRM in May 2007
- Final Rule in June 2008

# *Gathering line*

- From §195.2
- Means a pipeline 8 5/8 in or less nominal outside diameter that transports petroleum from a production facility.

## *“Regulated Gathering Lines”*

- Onshore gathering line
- 6 5/8" to 8 5/8"
- Within 1/4 mile of USA
- > 20% SMYS
- Non-steel, >125#

## *“Rural Low Stress Lines”*

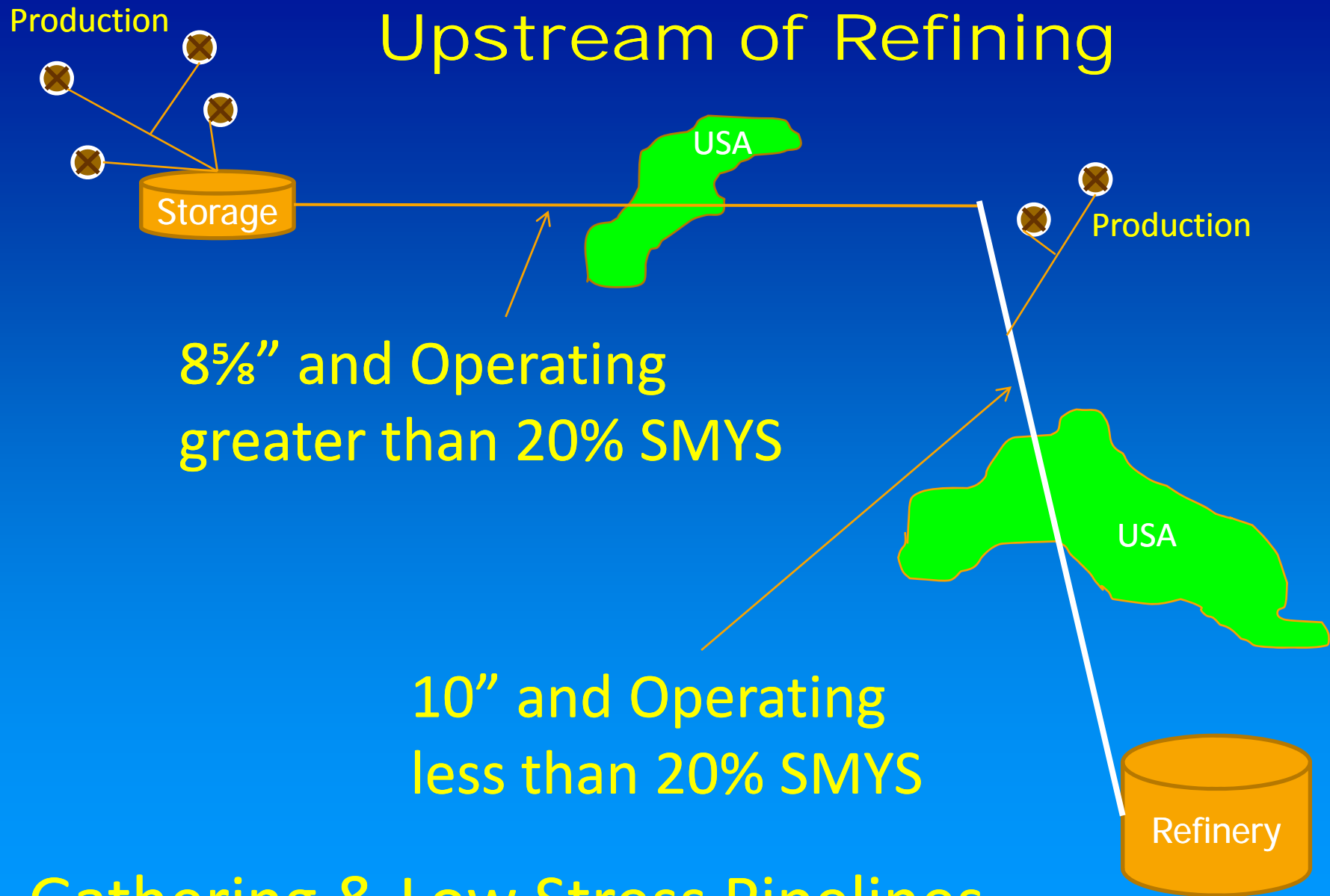
- Already regulated in:
  - Navigable waterways

## *“Rural Low Stress Lines”*

- Has a nominal diameter of 8 5/8" or more
- Within 1/2 mile of a USA
- >20% SMYS
- If non-steel, less than 125#



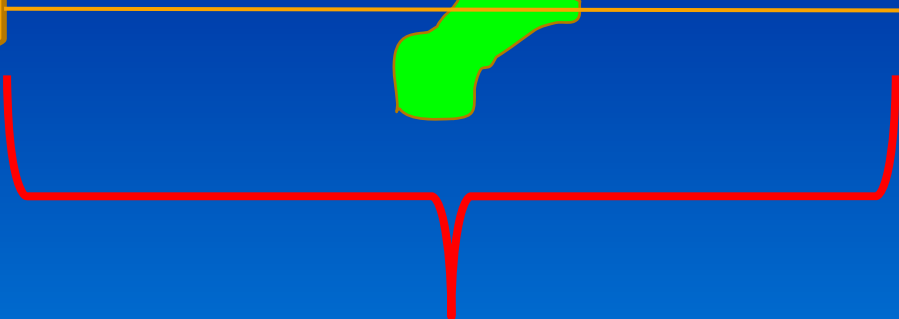
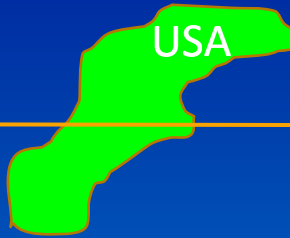
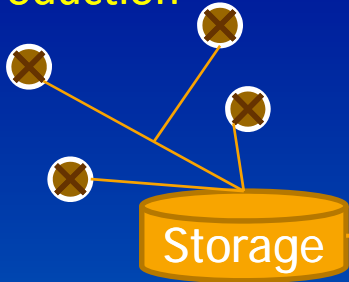
# Upstream of Refining



Gathering & Low Stress Pipelines

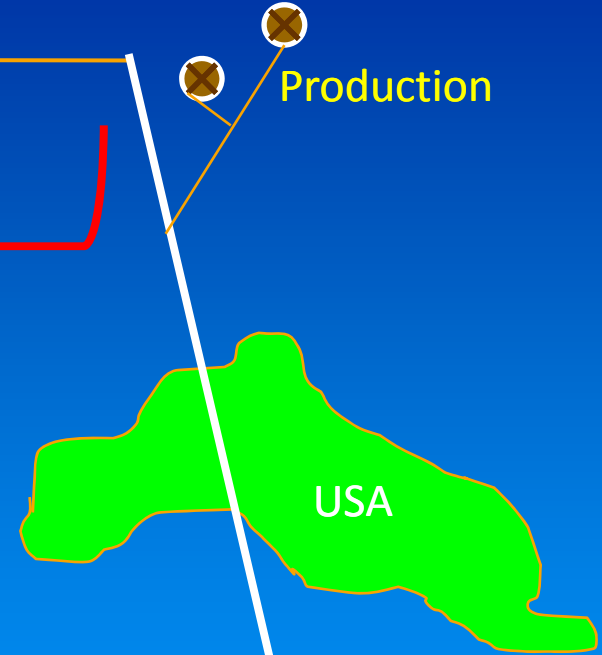
# Upstream of Refining - Gathering

Production



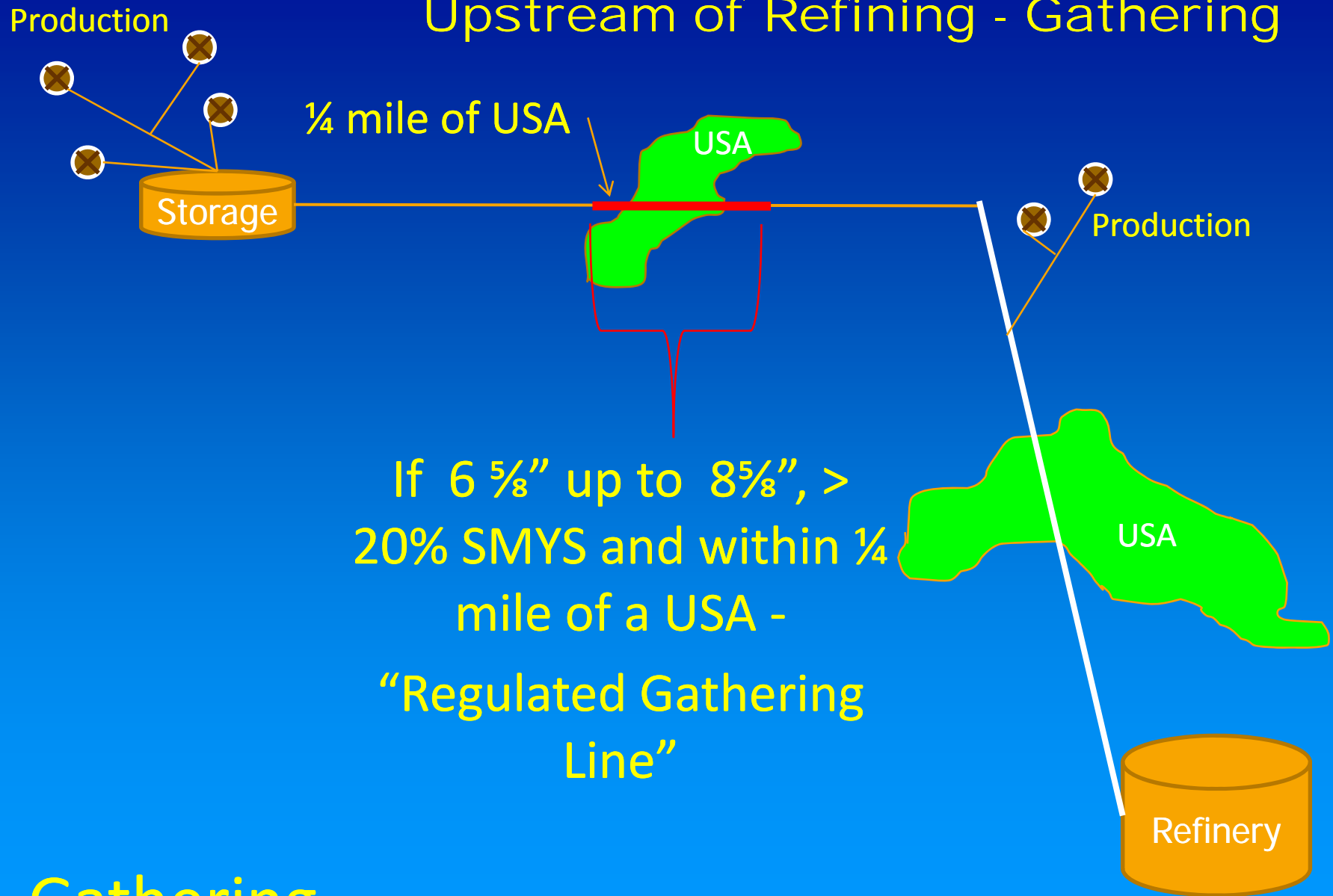
Gathering Lines are defined as pipelines coming from production up to 8<sup>5</sup>/<sub>8</sub>"

Production



Gathering

# Upstream of Refining - Gathering



If 6 5/8" up to 8 5/8", >  
20% SMYS and within 1/4  
mile of a USA -

"Regulated Gathering  
Line"

Gathering

# *Regulated Gathering Line Requirements*

- (4) Reporting - 1/3/09
- (1) Identify segments - 4/3/09
- (2) Construction - 7/3/09
- (3) Non-steel - notify - 7/3/09
- (5) MOP - 7/3/09

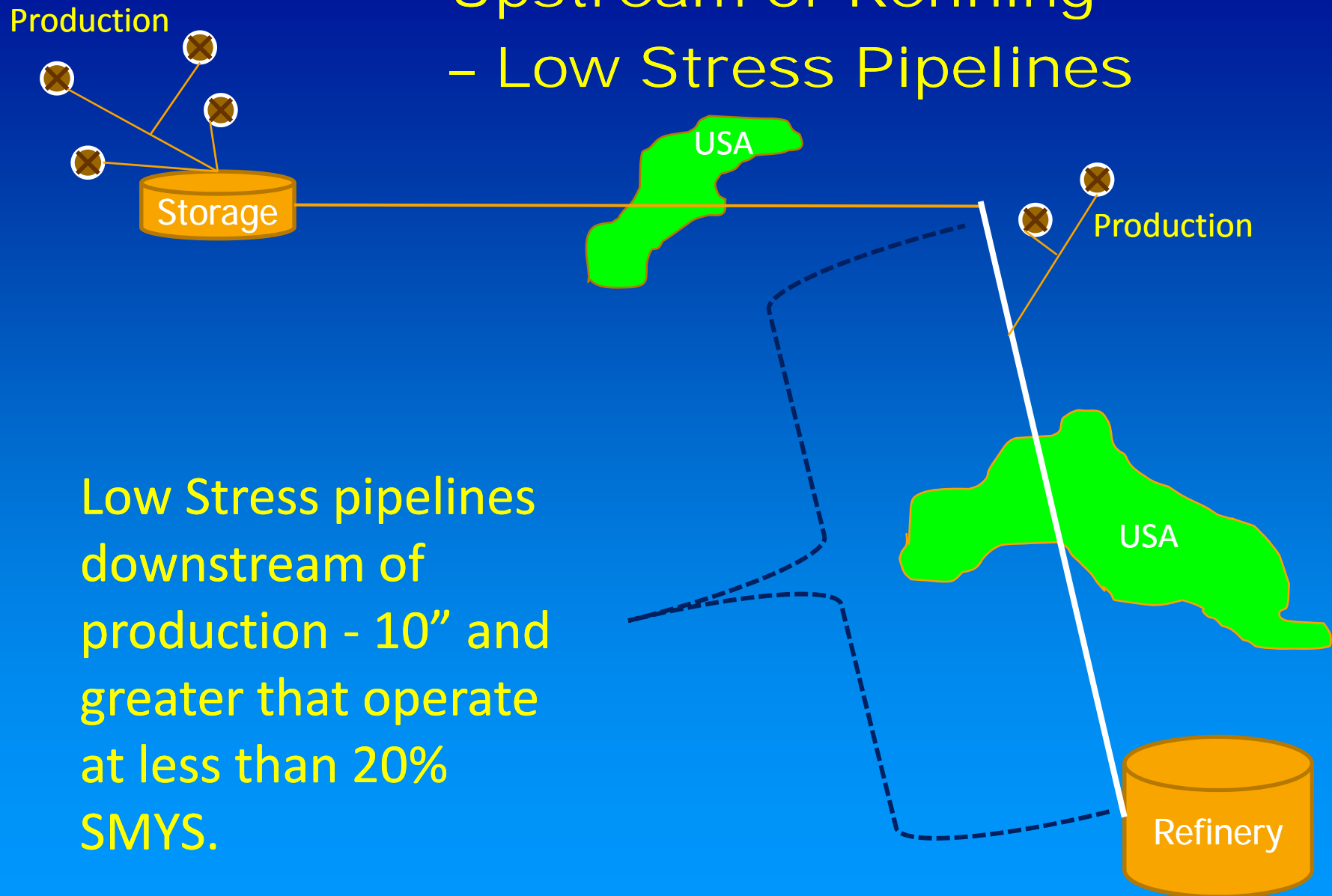
§195.11

# *Regulated Gathering Line Requirements*

- (6) Line Markers - 7/3/09
- (8) Damage Prevention - 7/3/09
- (10) Internal Corrosion - 7/3/09
- (11) OQ - 7/3/09
- (7) Public Education - 1/3/10
- (9) Corrosion Control - 7/3/11

§195.11

# Upstream of Refining - Low Stress Pipelines

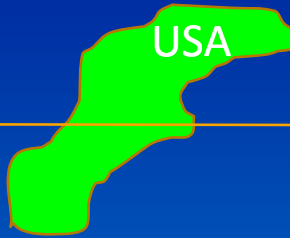
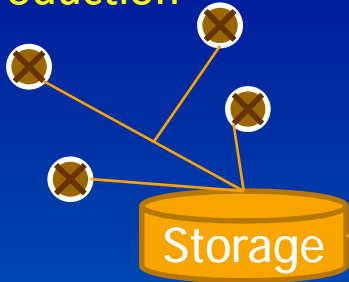


Low Stress pipelines downstream of production - 10" and greater that operate at less than 20% SMYS.

Low Stress

# Upstream of Refining – Low Stress Pipelines

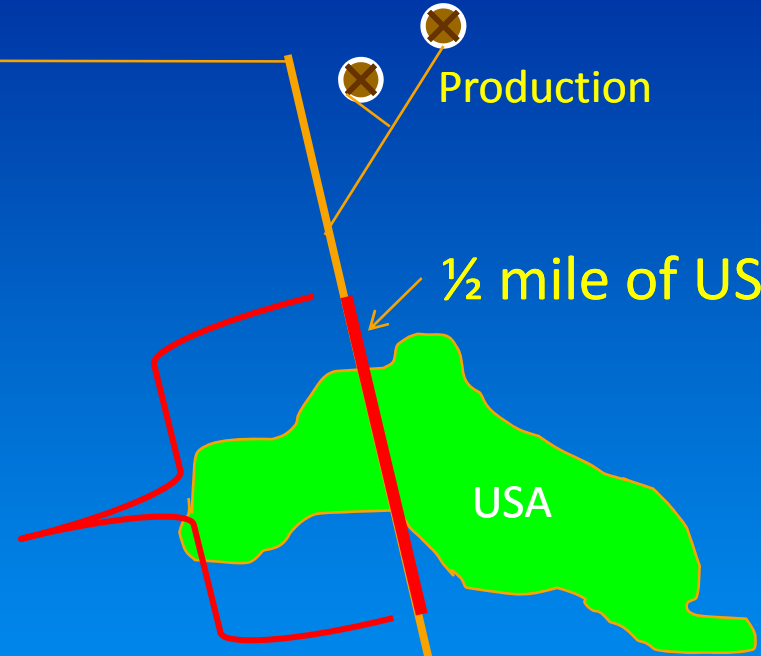
Production



Production

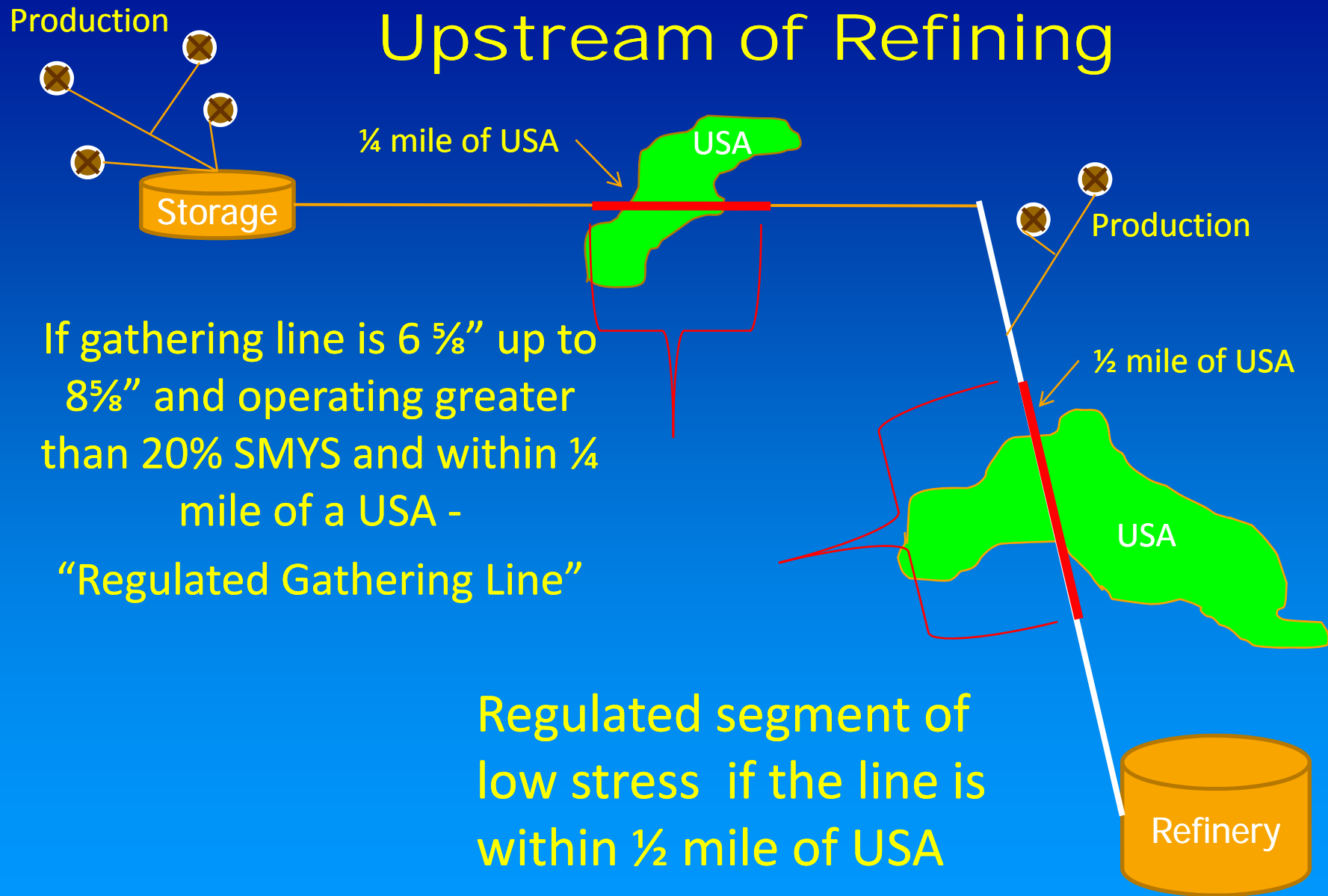
½ mile of USA

Regulated segment  
of low stress if the  
line is within ½ mile  
of USA



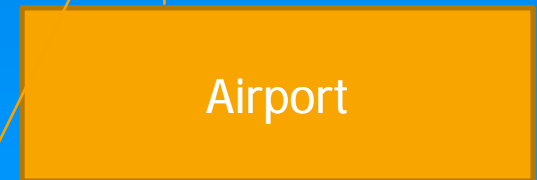
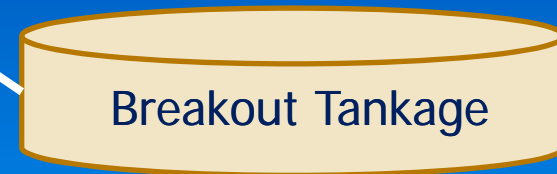
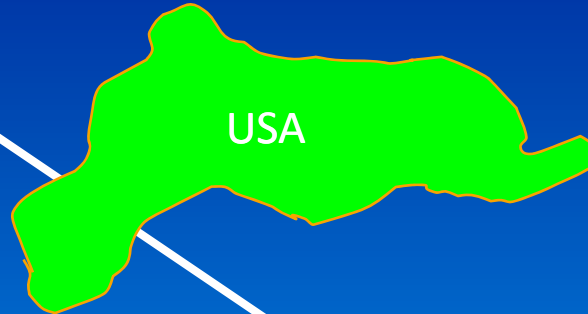
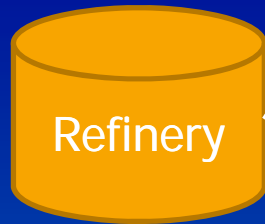
Low Stress

# Upstream of Refining





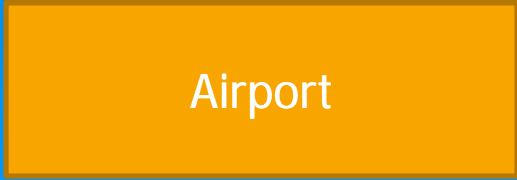
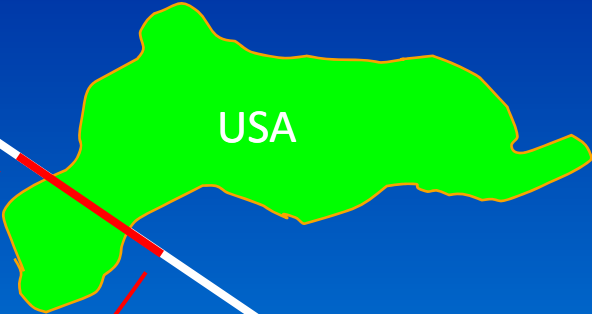
# Downstream of Refining



Pipeline operating at less than 20% SMYS and 8 5/8" in diameter - Low stress

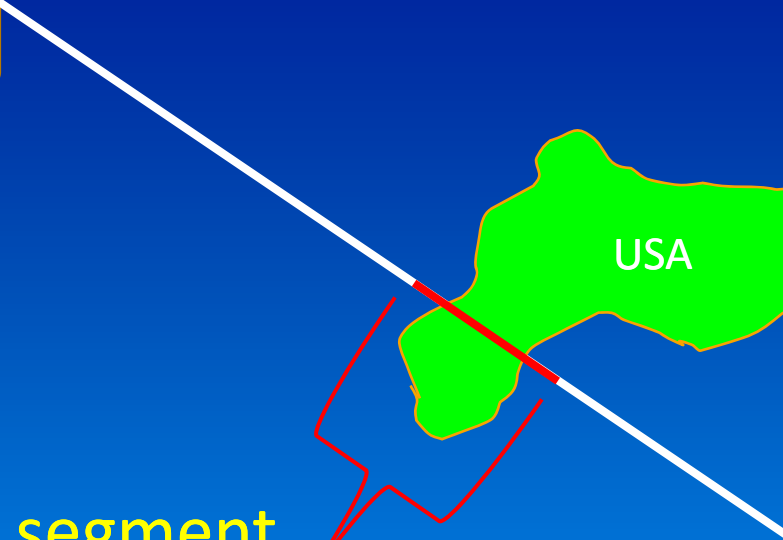
Pipeline operating at less than 20% SMYS 6" diameter - Low stress

# Downstream of Refining



Regulated segment  
of low stress  
pipeline if the line is  
within 1/2 mile of USA

Pipeline operating  
at less than 20%  
SMYS 6" diameter -  
Low stress



# *Regulated Low Stress Requirements*

- (1) Identify - 4/3/09.
- (2) Reporting - 1/3/09
- (3) IMP
  - (i) Program – 7/3/09
  - (ii) Could Affect instead of ½ mile
  - (iii) Complete the baseline assessment - 7/3/15 and 50% - 1/3/12

§195.12

# *Regulated Low Stress Requirements*

- (4)
  - Part 195 Requirements - 7/3/09
  - Corrosion - 7/3/11.

§195.12

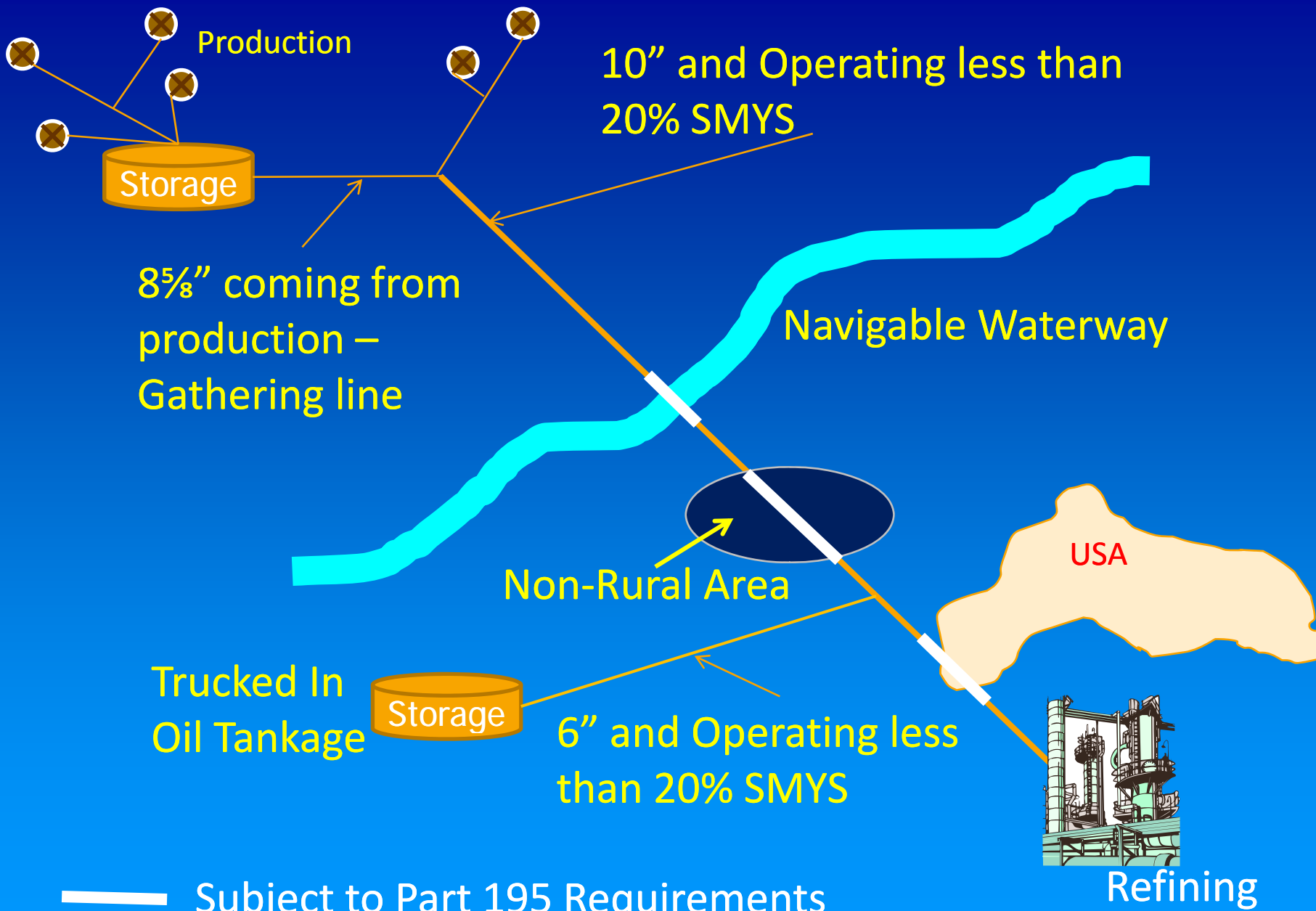
## *All Low Stress Requirements*

- (6) For purposes of the reporting requirements in subpart B, a rural low-stress pipeline of any diameter –  
1/5/09.

§195.1 & .48

*Phase II*



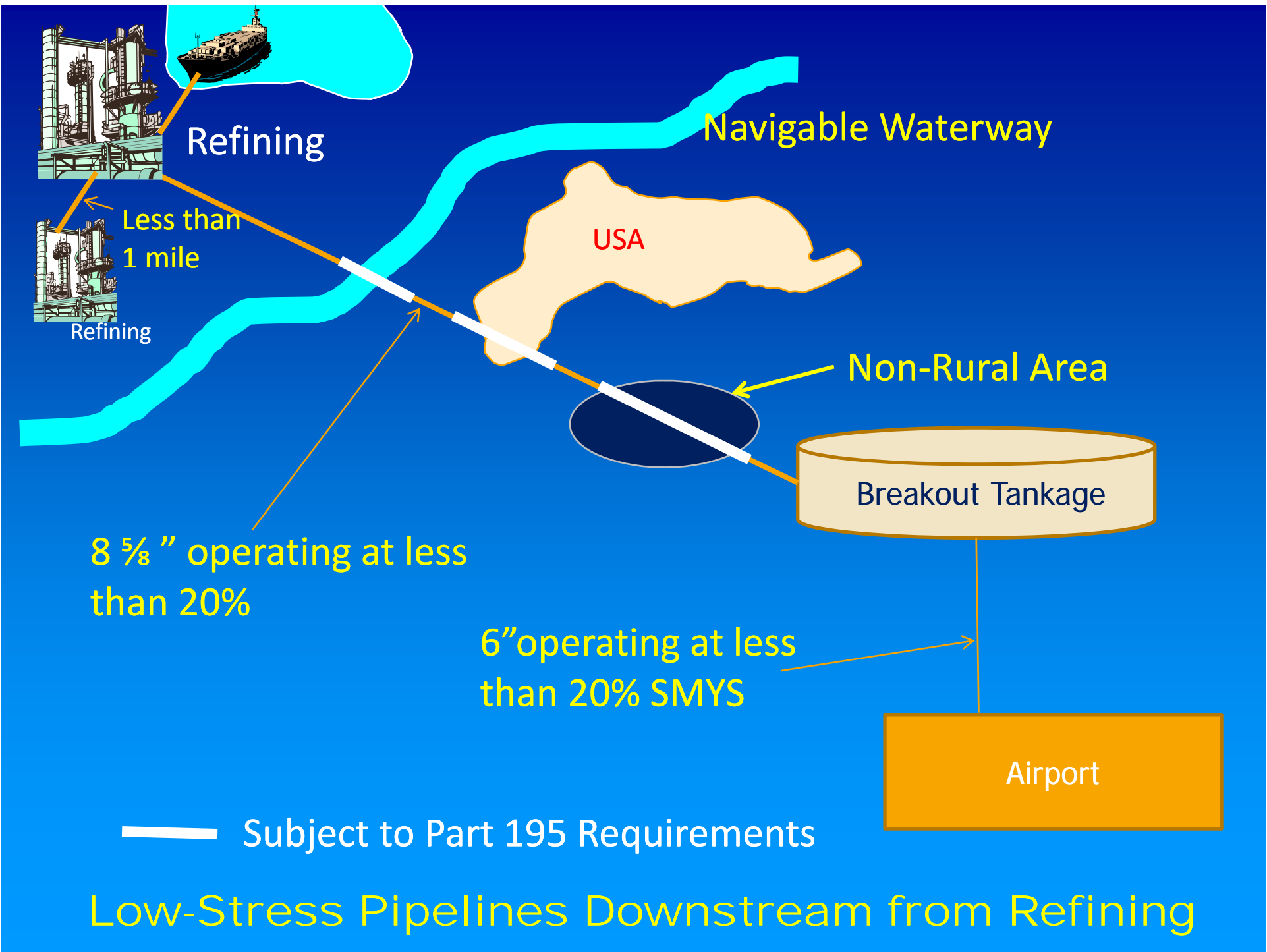


— Subject to Part 195 Requirements

## Low-Stress Pipelines Upstream from Refining







# Low-Stress Pipelines Downstream from Refining

