

# 17<sup>th</sup> Technical Training Series



**April 3-6, 2017 · Long Beach Hyatt**  
200 South Pine Avenue · Long Beach, California, 90802



# Odors: CalRecycle Regulations

17<sup>th</sup> Technical Training Series

Long Beach Hyatt

Long Beach, California

April 4, 2017

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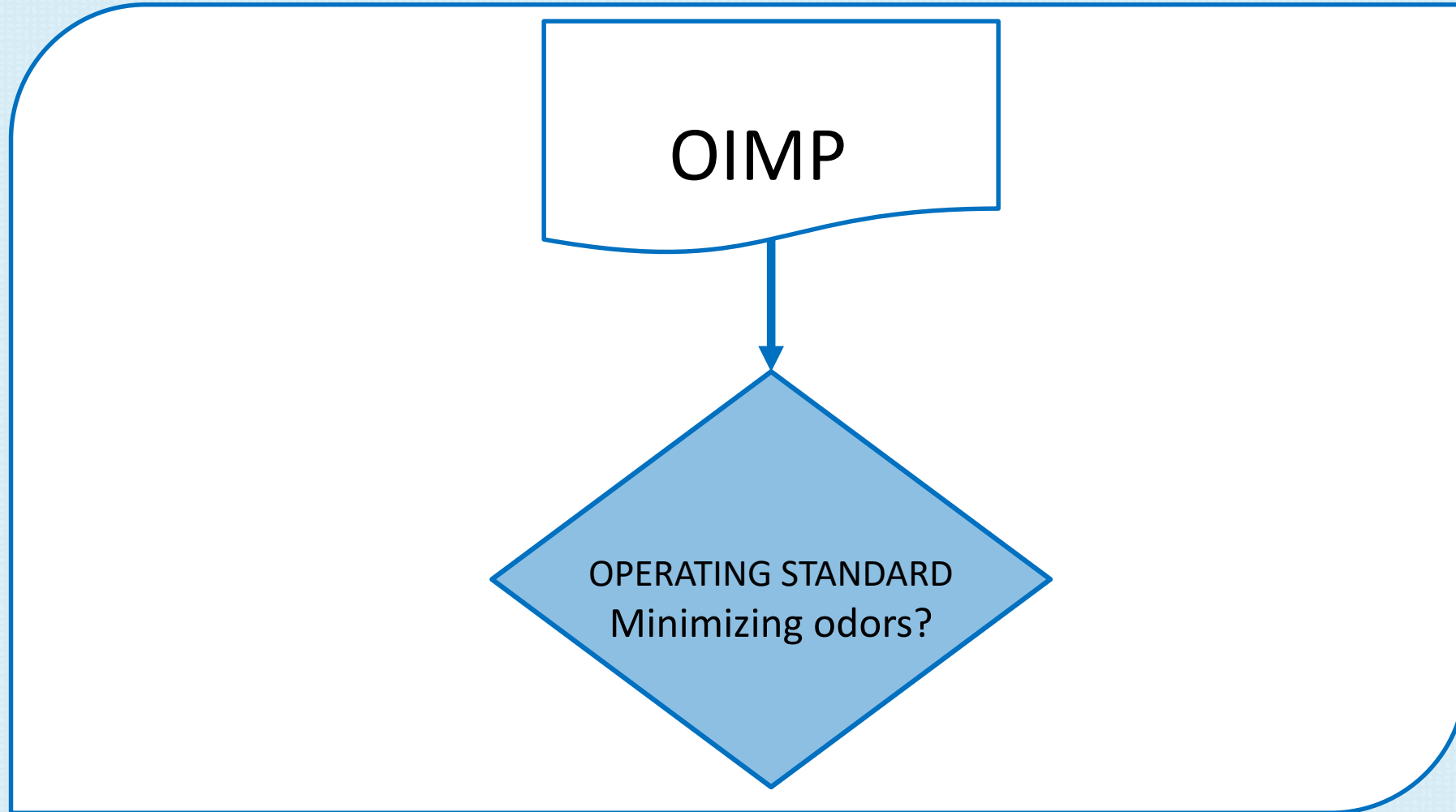
# Background on Odor Regulations

Previous odor standard did not set any specific odor severity threshold.

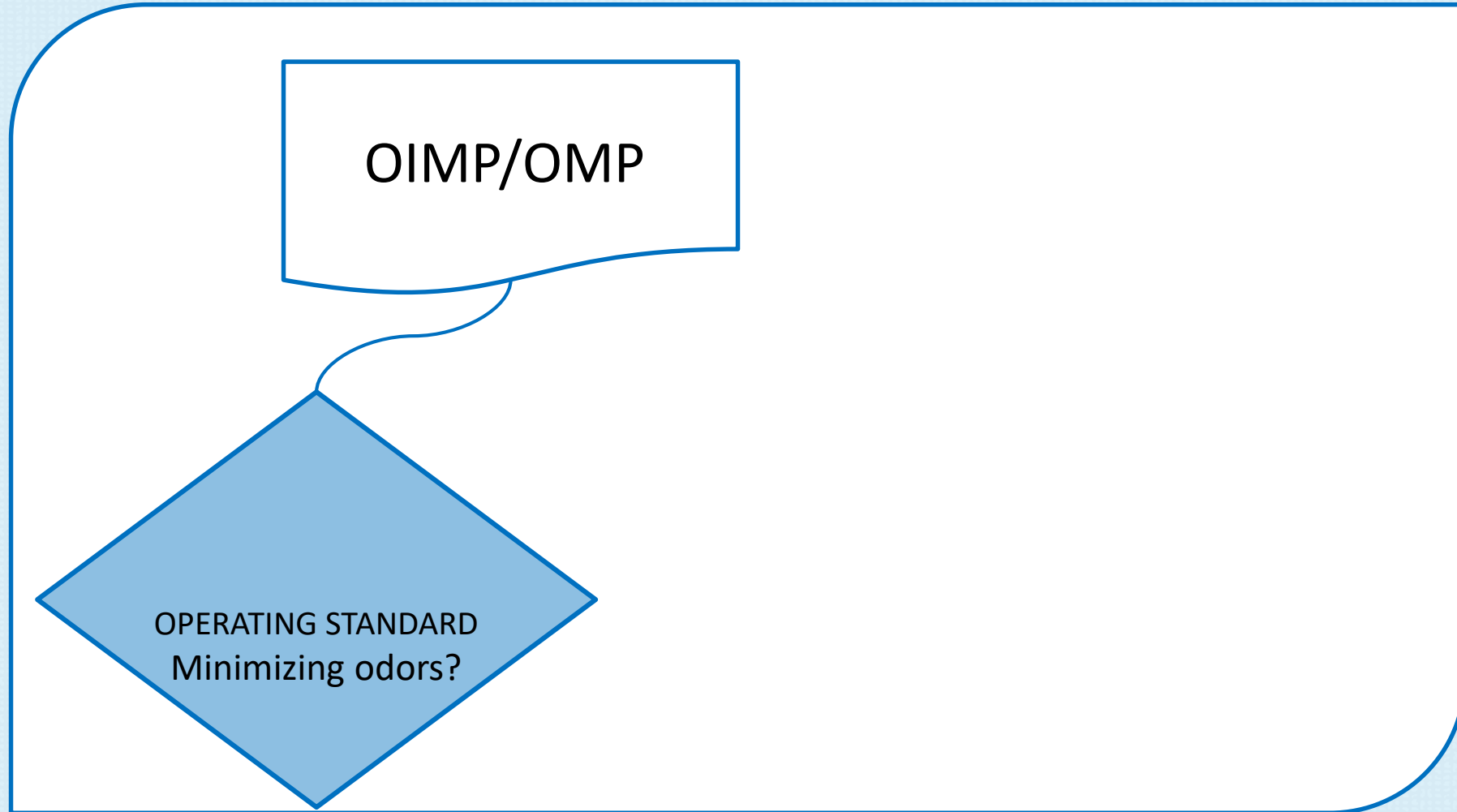
In chronic odor cases, Odor Impact Minimization Plan (OIMP) process resulted in continuous operational & design changes with no parameters relative to feasibility and reasonableness.

New regulations are designed to supply more reliable data beyond what is required in current OIMP process to allow better decision-making.

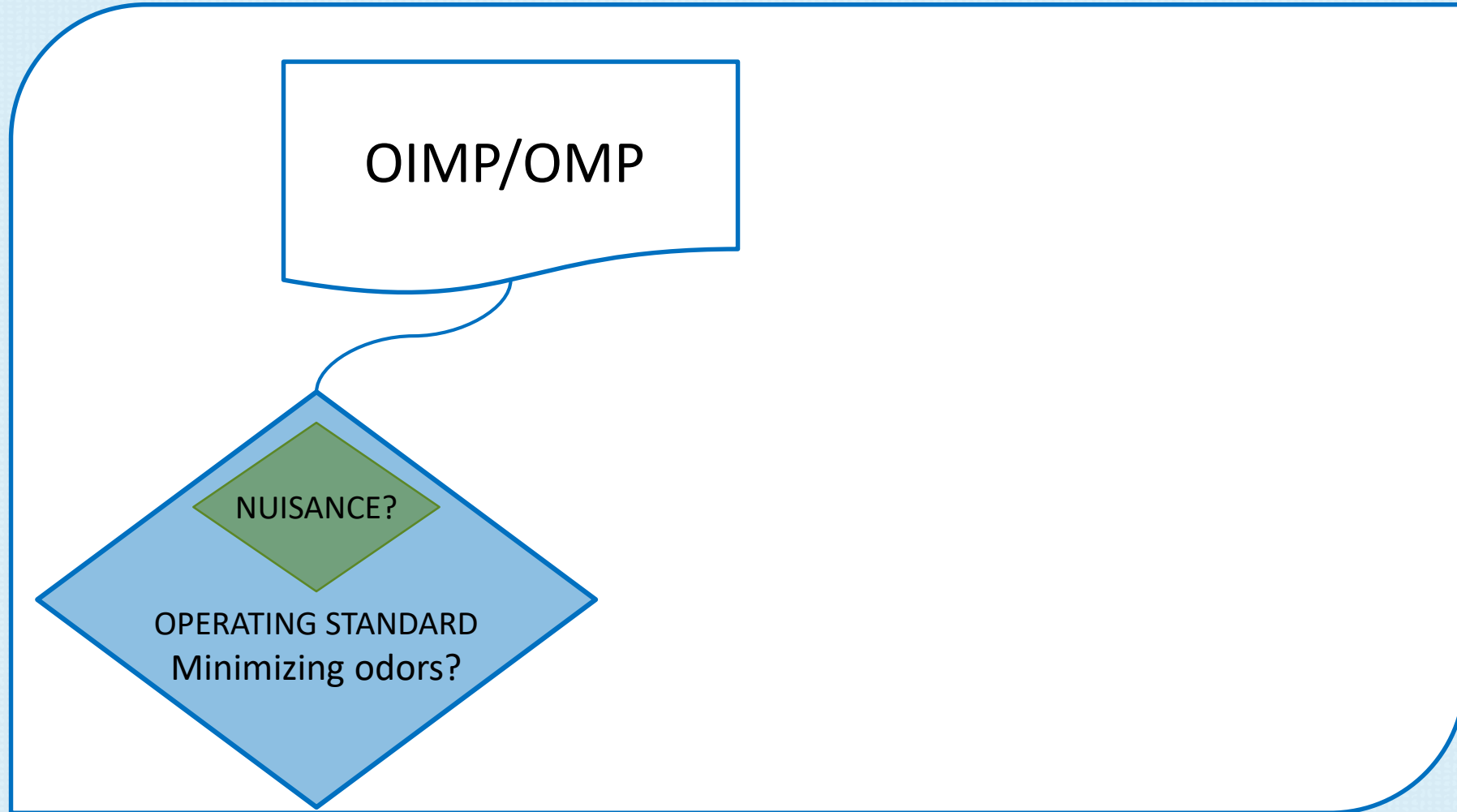
# Before



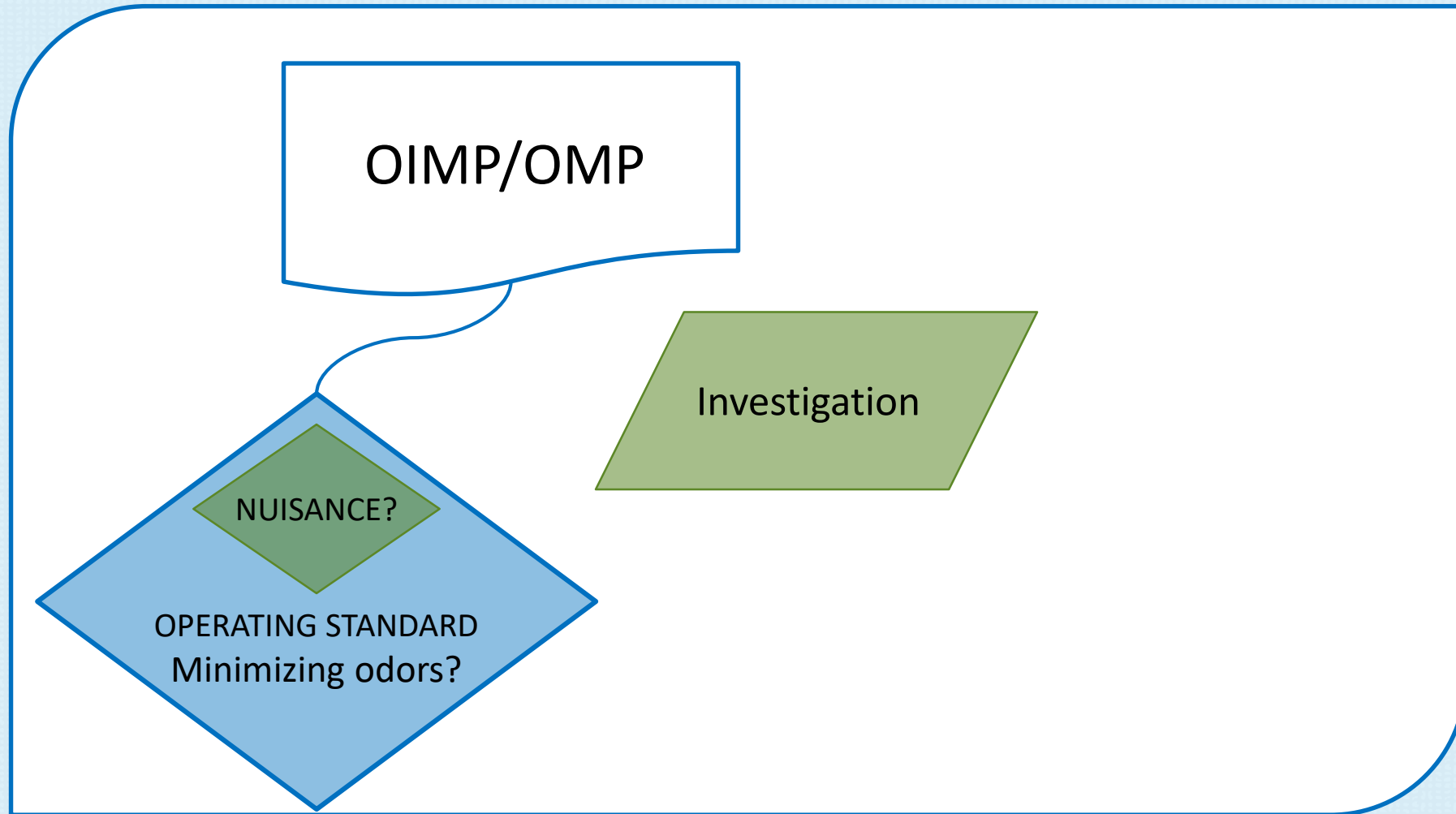
# Before/After



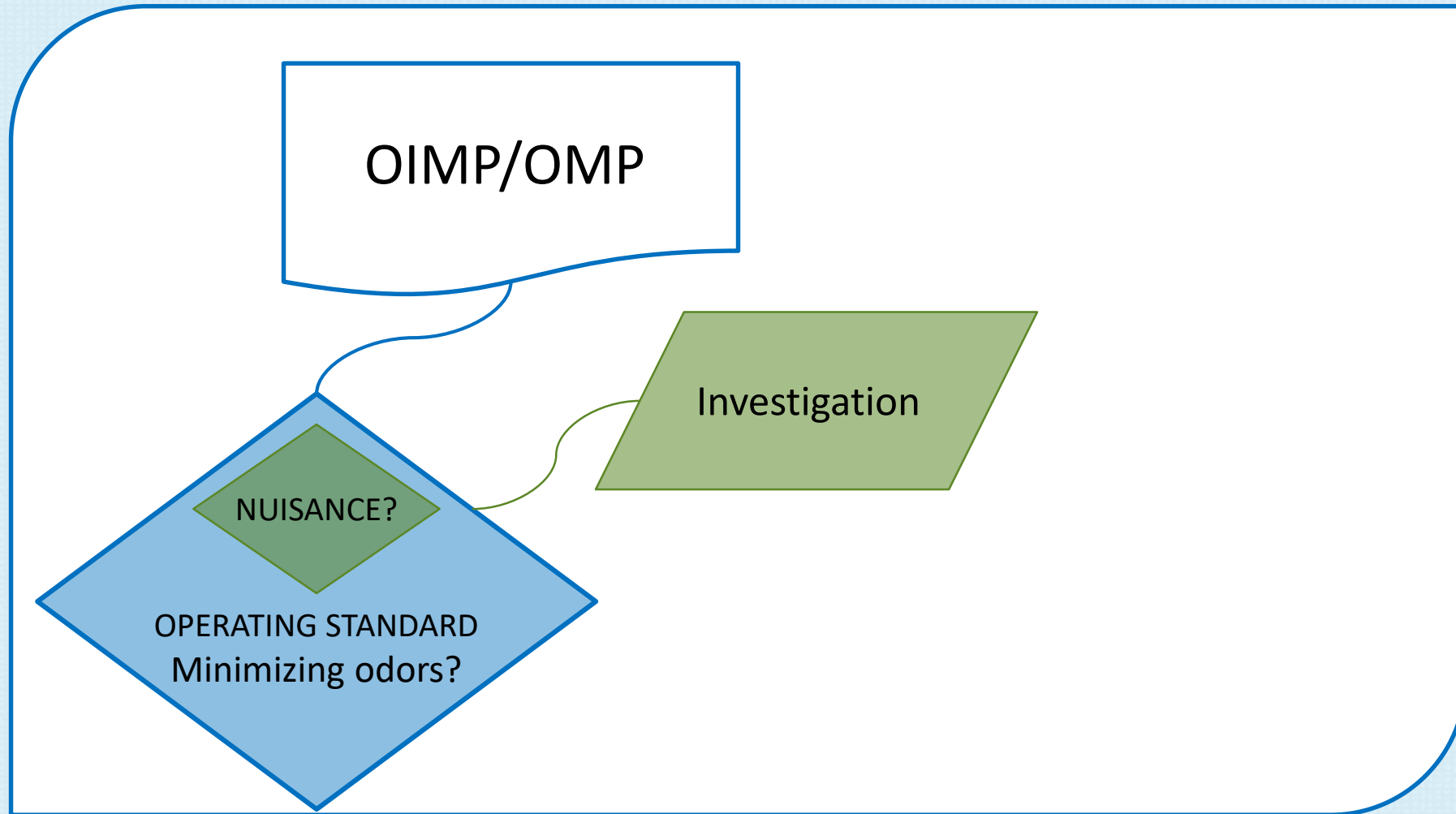
# Before/After



# Before/After

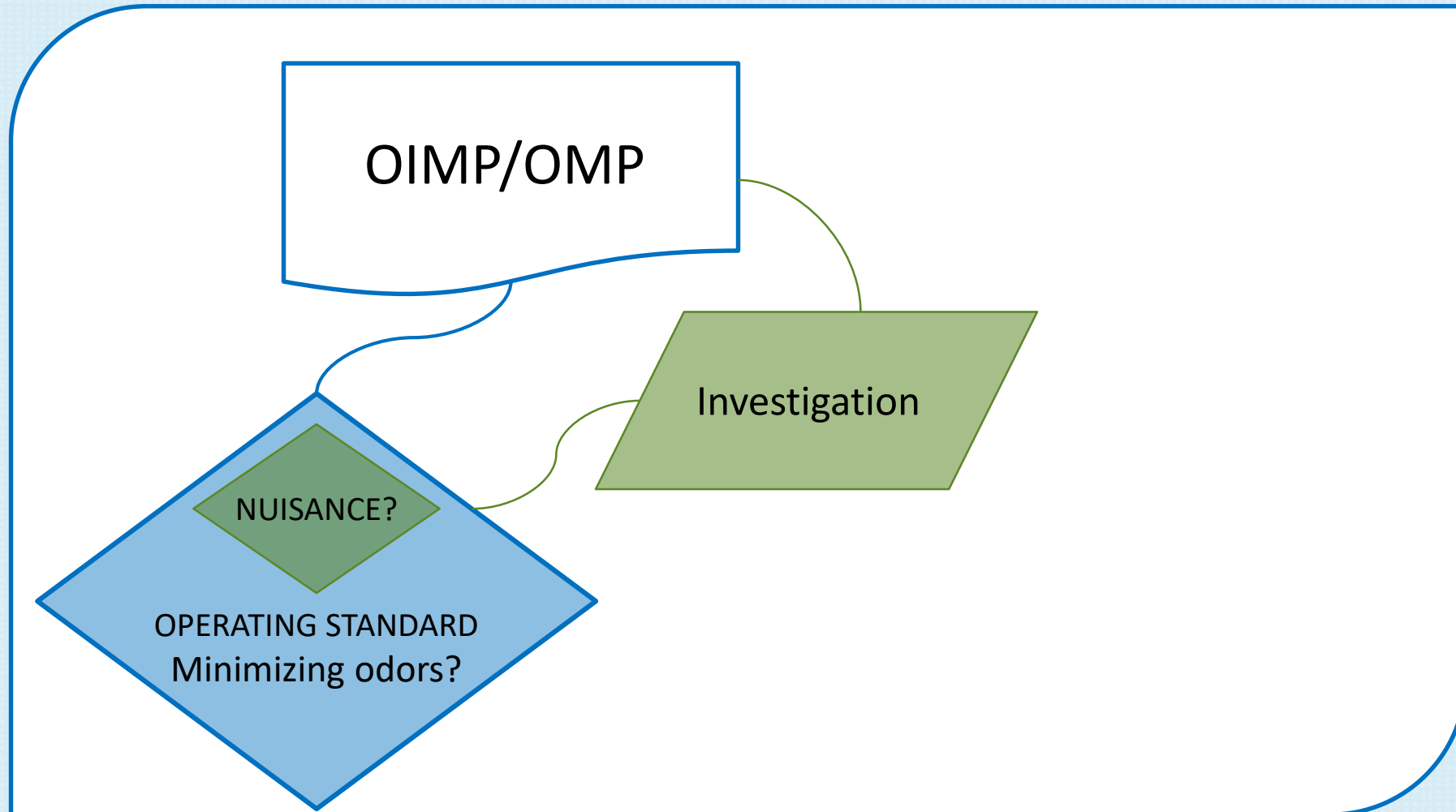


# Before/After

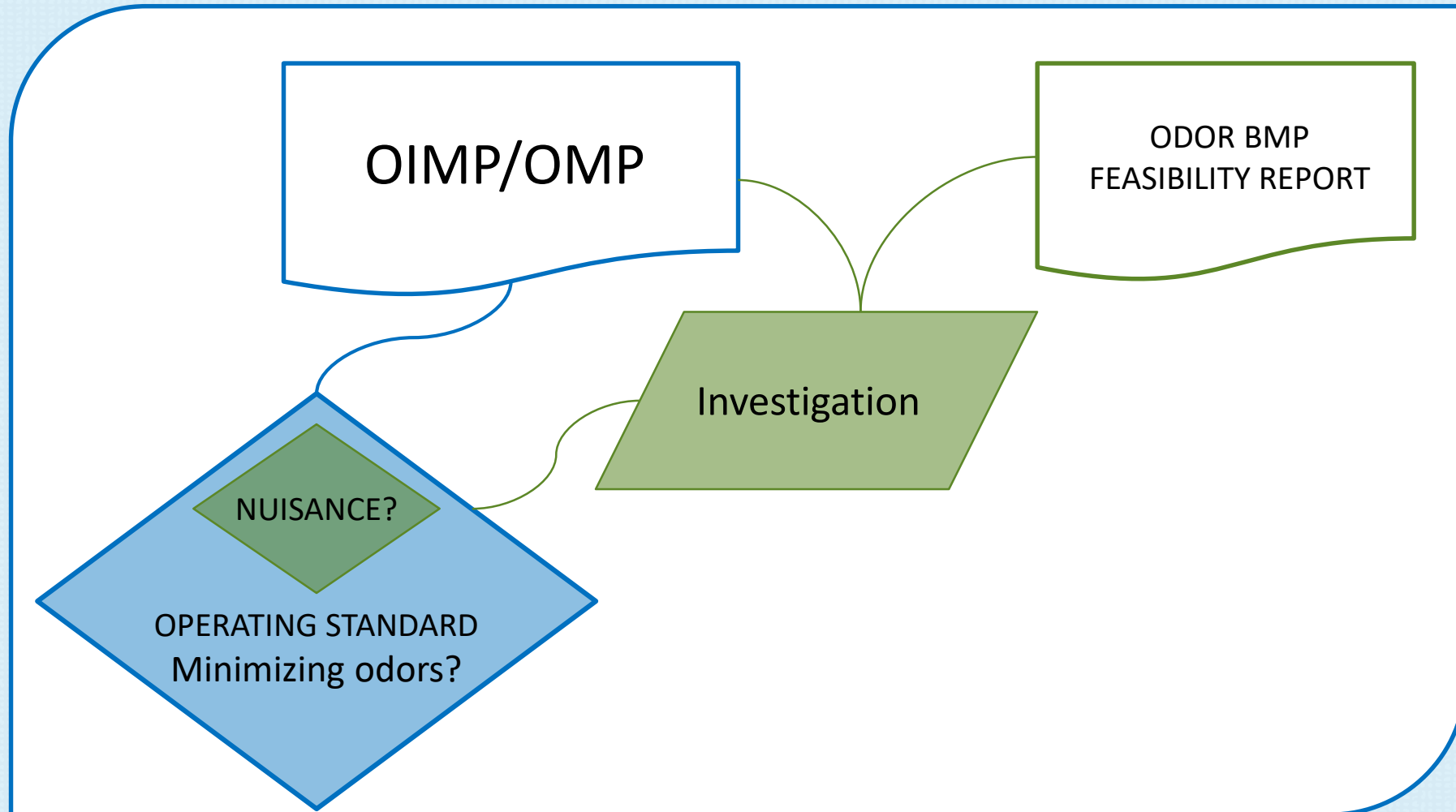




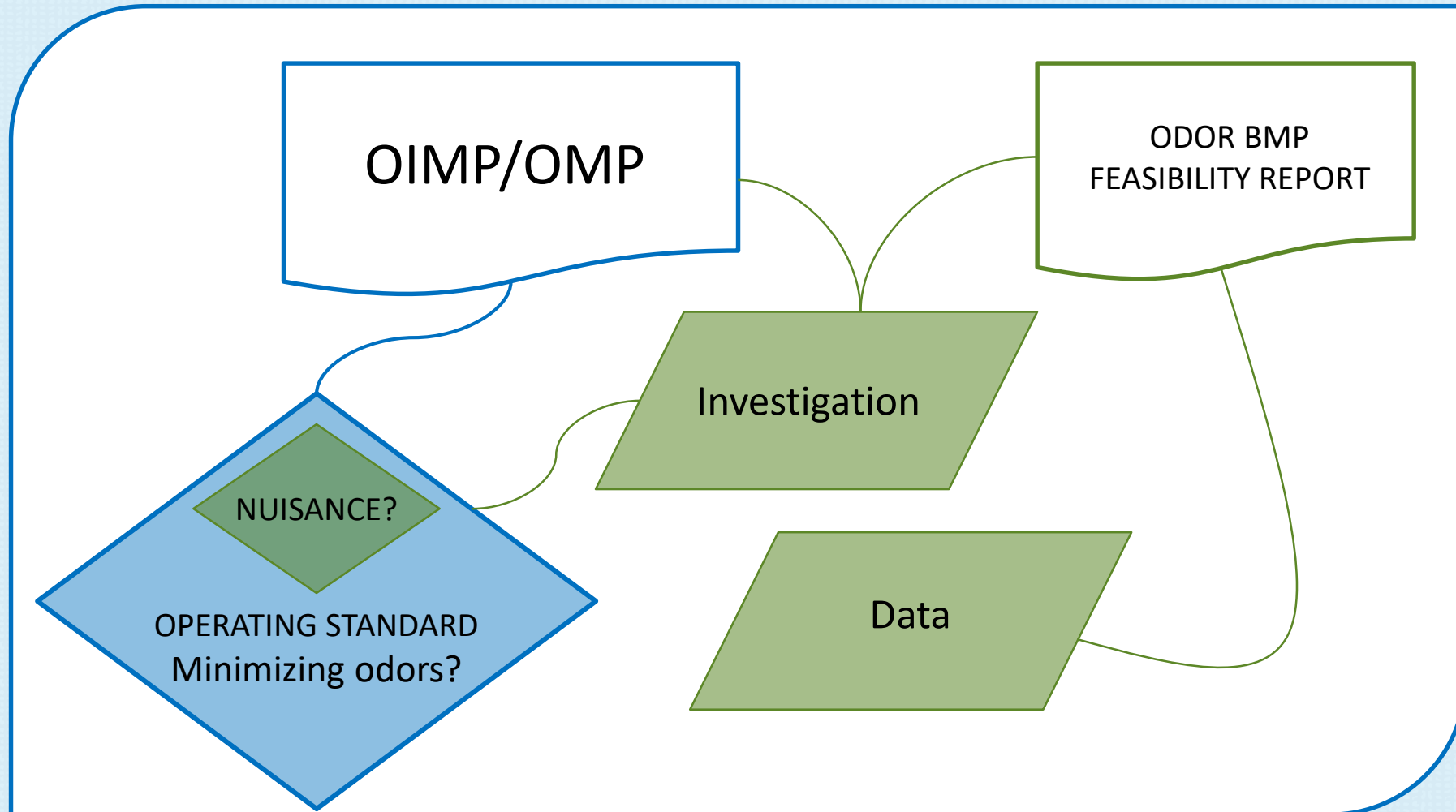
# Before/After



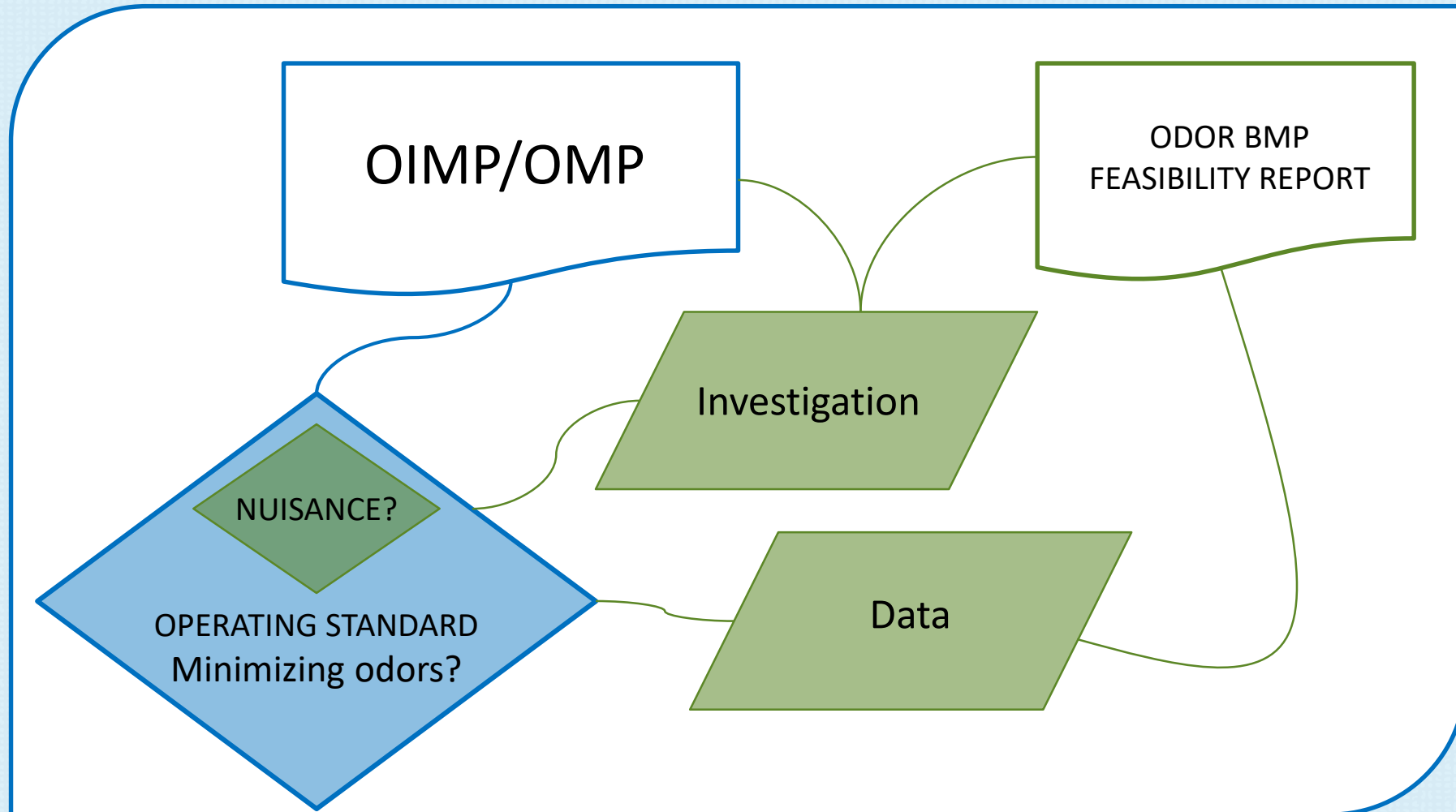
# Before/After



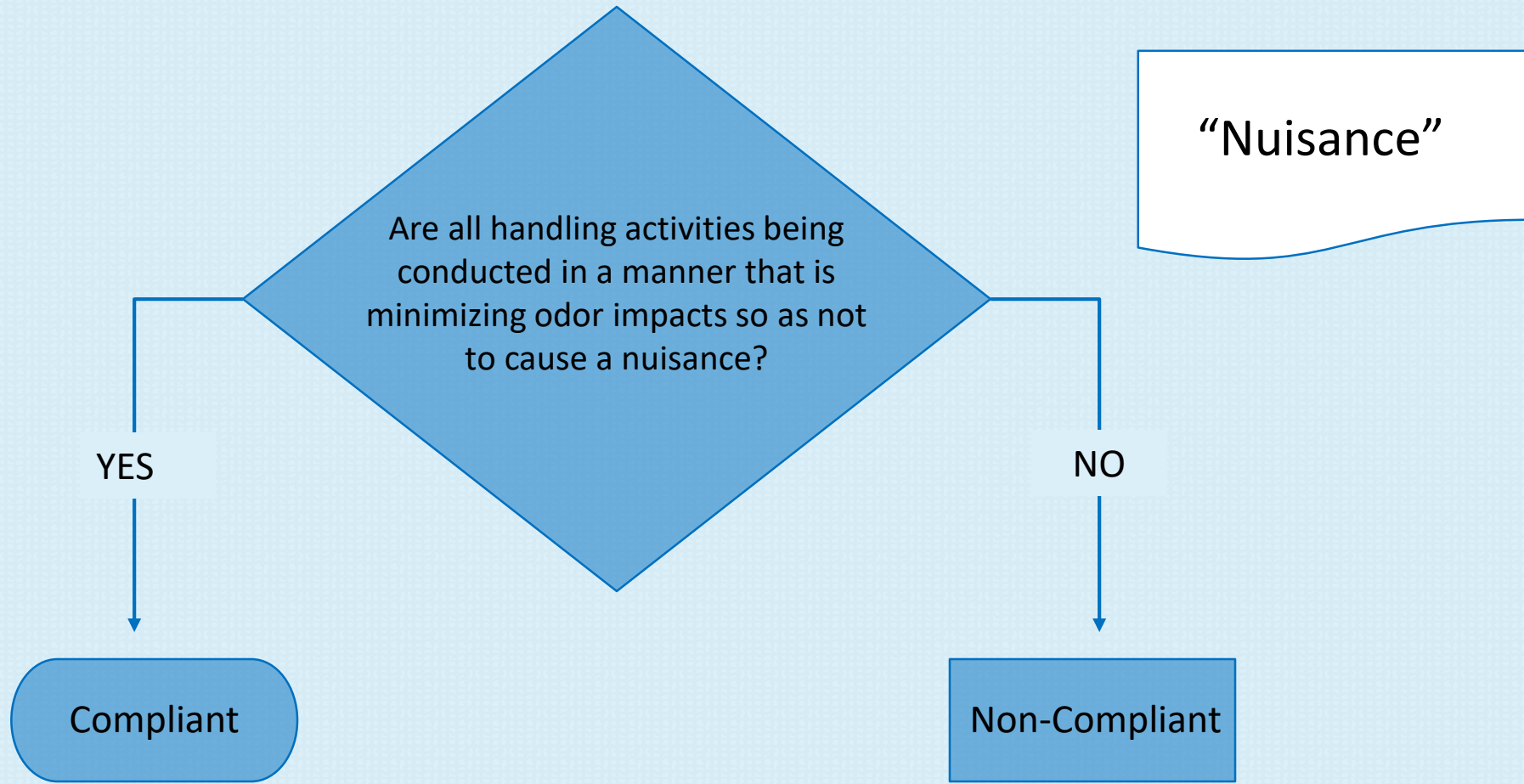
# Before/After



# Before/After



# General Operating Standards - Odor & Nuisance Control



# New Definitions

## Nuisance

Injurious to human health, indecent or offensive, & interferes with the comfortable enjoyment of life or property.

and

Affects entire community, neighborhood or any considerable number of persons.

# Written Complaints of Alleged Violations (§18302)

(d) Upon receipt of an odor complaint related to a compostable material handling operation or facility, the EA shall investigate the complaint as soon as practical to determine whether or not to issue a violation for failing to minimize odor.

The odor complaint investigation shall include the following:

- (1) The date and time...
- (2) Observations...
- (3) If odor is detected the EA shall:
  - (A) Record the location...
  - (B) Verify the odor event...
  - (C) Document odor...
  - (D) Identify activities...
- (4) Any known facts relevant to the alleged violation...

# Odor BMP Feasibility Report

Operator may voluntarily prepare, or

EA may require operator to prepare after consecutive or chronic odor violations.



# Odor BMP Feasibility Report Contents

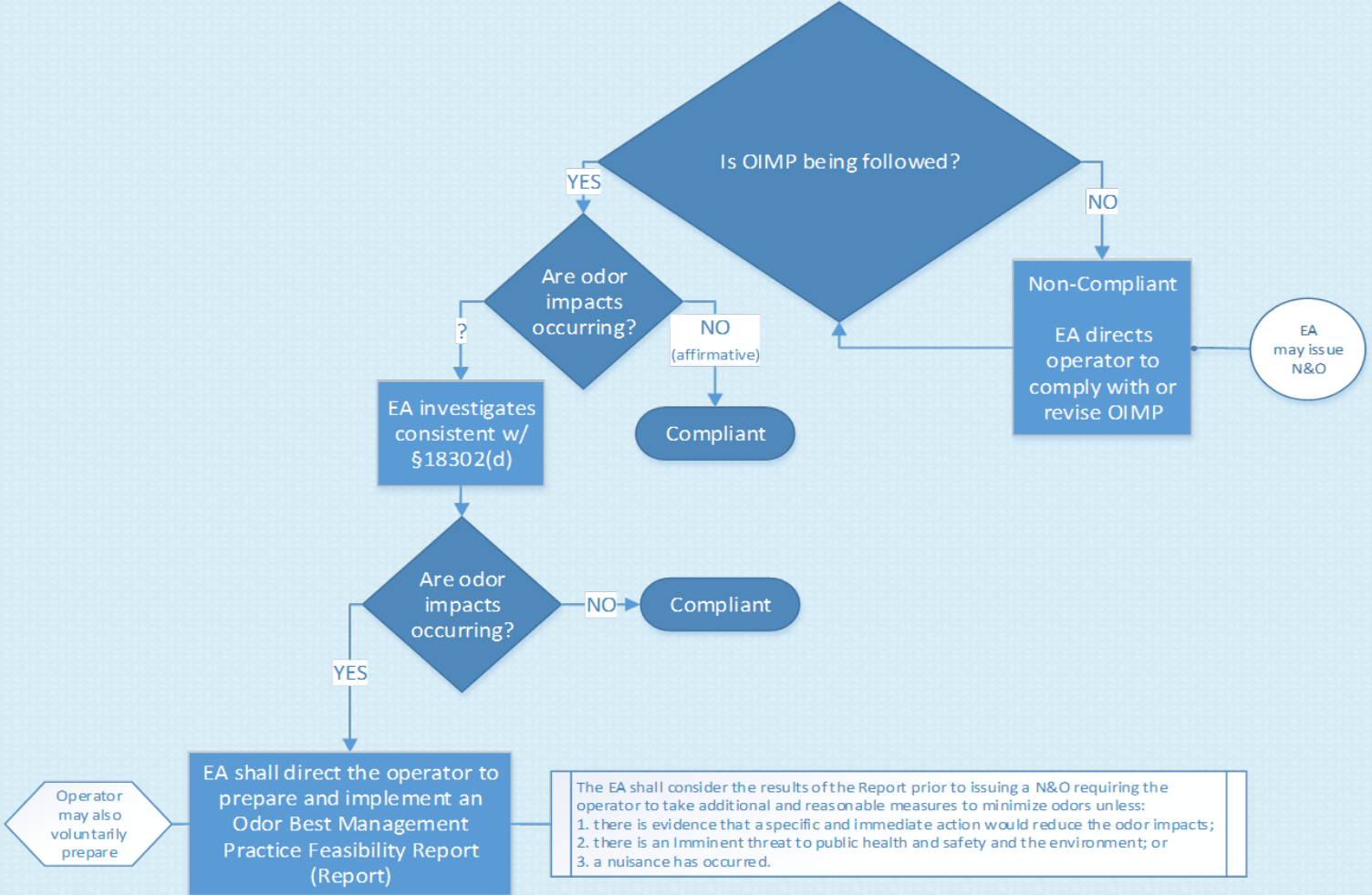
## The Report Shall:

- Present data;
- Identify and rank onsite sources;
- For sources contributing to impacts:
  - List BMPs operator **has used** and determine:
  - List potential BMPs operator **has not used** and determine:
  - Develop a plan and schedule for implementing recommended BMP(s).

# Odor BMP Feasibility Report Submittal and Approval Dates

- Operator shall submit Report, plan, and schedule to EA and CalRecycle for review.
- If EA required operator to prepare, operator shall submit within 14 days [or other timeframe approved by EA]
- EA, in consultation w/ CalRecycle, shall within 30 days:
  - approve and direct operator to implement in whole or in part; and/or
  - direct operator to submit specific changes or additional information [within a specified timeframe].
- EA may issue a N&O to carry out implementation.

# OIMP to Odor BMP Feasibility Report



# Summary

- **OIMP** still applicable.
- New operating standard: all handling activities conducted in a manner that minimizes odors **so as not to cause a nuisance.**
- EA investigates odor complaints.
- EA may require operator to prepare, or operator voluntarily prepares, an **Odor BMP Feasibility Report.**

Questions?