Informal Informational Meeting

A. Roll Call by City Clerk

B. Topic(s)
   B-1 Receive Information Regarding Statewide Trash Policy (PW)

C. Comments by Public on Non-Agenda Items

D. Adjournment

Pursuant to Section 54954.2(a) of the Government Code of the State of California, this agenda was posted at least 72 hours in advance of the scheduled meeting at a public place freely accessible to the public 24 hours a day.

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Jennifer M. Ferraiolo
City Clerk

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AGENDA

AGENDA ITEM B-01

CITY OF LODI
COUNCIL COMMUNICATION

AGENDA TITLE: Receive Information Regarding the Statewide Trash Policy

MEETING DATE: April 16, 2019 (Shirtsleeve Session)

PREPARED BY: Public Works Director

RECOMMENDED ACTION: Receive information regarding the Statewide Trash Policy.

BACKGROUND INFORMATION: On April 7, 2015, the State Water Resources Control Board (State Water Board) adopted statewide trash provisions to address the significant impact that trash has on surface waters throughout the state. Trash is typically generated on land and transported to surface water, predominantly through municipal discharges.

These discharges are regulated through a statewide general permit pursuant to the Federal Clean Water Act. The new Statewide Trash Policy requirements apply to agencies that fall under the National Pollutant Discharge Elimination System (NPDES) municipal separate storm sewer systems (MS4) permittees. On June 1, 2017, The State Water Board Executive Director sent separate orders to MS4 permittees (including the City of Lodi) requiring the implementation of a trash control program.

Council will receive a presentation from Staff outlining the policy background and compliance requirements, information on the types of devices that are currently available for capturing trash before it enters the waterways, expected costs, and the compliance schedule.

FISCAL IMPACT: Not applicable.

FUNDING AVAILABLE: Not applicable.

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Charles E. Swimley, Jr.
Public Works Director

CES/CES/tdb

APPROVED: _________________________________________
Stephen Schwabauer, City Manager

K:\WP\COUNCIL\2019\Shirtsleeve 4-16-19_statewide trash policy.doc 4/11/2019
What is the Trash Policy?
The State Water Board requires Cities to remove trash down to the size of a cigarette butt from the storm drain system.
Regulatory Background

What is Trash?

Trash is “junk or rubbish generated by human activity that frequently ends up in waterways.”

In one study of four cities, the most common trash items found were cigarette butts followed by food and beverage packaging.
When does the Trash Policy take effect?
Municipalities must comply with the Trash Policy requirements beginning in December 2018.
Cities have two tracks towards compliance

**Track 1**
Use Full Capture Devices in the storm drain system to capture trash.

**Track 2**
Combination of:
- Full Capture Devices,
- Institutional Controls,
- Multi-Benefit Projects,
- Annual Assessments.
Examples of Full Capture Devices:

Catch Basin Inserts –
High Maintenance
Treats individual catch basins
Low Individual Cost
Full Capture Devices

Examples of Full Capture Devices:

High Flow Devices –
Low maintenance
Treats an entire drainage area
Higher Cost
**Reporting & Monitoring Requirements**

**Track 1**

**Minimal** reporting requirements/easily quantifiable metrics

1. No Trash Assessment Required
2. No Rationale Required
3. No Implementation Plan Required
4. No Annual Monitoring Requirements
5. One Annual Report that Demonstrates
   - Installation
   - Operation & Maintenance

**Track 2**

**Substantial** monitoring & reporting requirements/difficult to quantify metrics

1. Requires Full Trash Assessment in Priority Areas (directly measure trash generation rates in land use areas, or in receiving waters)
2. Requires Implementation Plan with rationale to justify Track 2 selection, and describing methods for compliance and methods to demonstrate full trash capture without 100% use of systems
3. Requires Water Board approval
4. Requires development and implementation of Annual Trash Monitoring Plan
5. Requires Annual Monitoring Reports that demonstrate effectiveness equivalent to Track 1
6. Requires Full Capture Systems wherever feasible
Compliance Tracks

The City of Lodi is selecting Track 1

Trash Policy Implementation For Traditional Phase II MS4 Permittees

**Within First 3 Months**
June 2017-Sept 2017

- Prepare Preliminary Jurisdictional Map(s) showing the following:
  - Priority Land Uses
  - Corresponding Storm Drain Network

**Submit Via SMARTS**
- Selected compliance method
- Preliminary Jurisdictional Map(s)

**Within Next 15 Months**
September 2017 - December 2018

- Update Jurisdictional Map(s) showing the following:
  - Priority Land Uses
  - Corresponding Storm Drain Network
  - Proposed Full Capture Systems installations and associated drainage areas

- Are you Installing Full Capture Systems in all storm drains that capture storm water discharges from Priority Land Uses?
  - **YES**
    - Track 1
      - Submit Via SMARTS
        - Updated Jurisdictional Map
  - **NO**

- **Track 2**
  - Update Jurisdictional Map(s) showing the following:
    - Priority Land Uses, and selected Locations, and other Land Uses
    - Proposed Combination of Controls locations, and associated drainage area that achieve Full Capture Equivalency
    - Corresponding Storm Drain Network

- **Prepare Rationale for the Selection of:**
  - Locations and Other Land Uses where a Combination of Controls will be implemented
  - Combination of Controls designed to achieve Full Capture System Equivalency

- **Prepare Rationale for:**
  - How Trash Generation Rates and Full Capture System Equivalency will be demonstrated (only required if recommended on-land visual trash assessment not used)

- **Conduct Trash Assessment of the following:**
  - Priority Land Uses
  - Selected Locations and Other Land Uses

- **Add to Jurisdictional Map(s):**
  - Trash Generation Rates based on trash assessment

- **Track 2**
  - Submit implementation Plan Via SMARTS which contains the following:
    - All Map(s) and
    - All Rationale for Selections
    - *Subject to RR Approval*
Costs per Capita were estimated by the Water Board for 148 Phase II permittees statewide (total population of 4,237,585)

Current annual trash control expenditures for Phase II permittees with populations between 50,000 to 75,000 is approximately $12.00 per capita annually.
Compliance Tracks

Other Regional Cities

**Track 1**
Patterson
Escalon
Tracy

**Track 2**
San Joaquin County
Ceres
Manteca
In the Next Ten Years City of Lodi will Install Seven High Capacity Trash Capture Systems and Supplementary Catch Basin Inserts (16)
The City will work with Vector Control to ensure access for mosquito population control.
City of Lodi Selected Track 1
August 29, 2017

City submitted Jurisdictional Map with Locations of Full Trash Capture Systems
December 1, 2018

City Installs Full Capture Systems, Begins Reporting Process
Summer 2019

Final Compliance Required by December 2025 (no later than 2030)
Questions?