

Item No. 6

Waste Discharge Requirements

Order No. R9-2018-0069

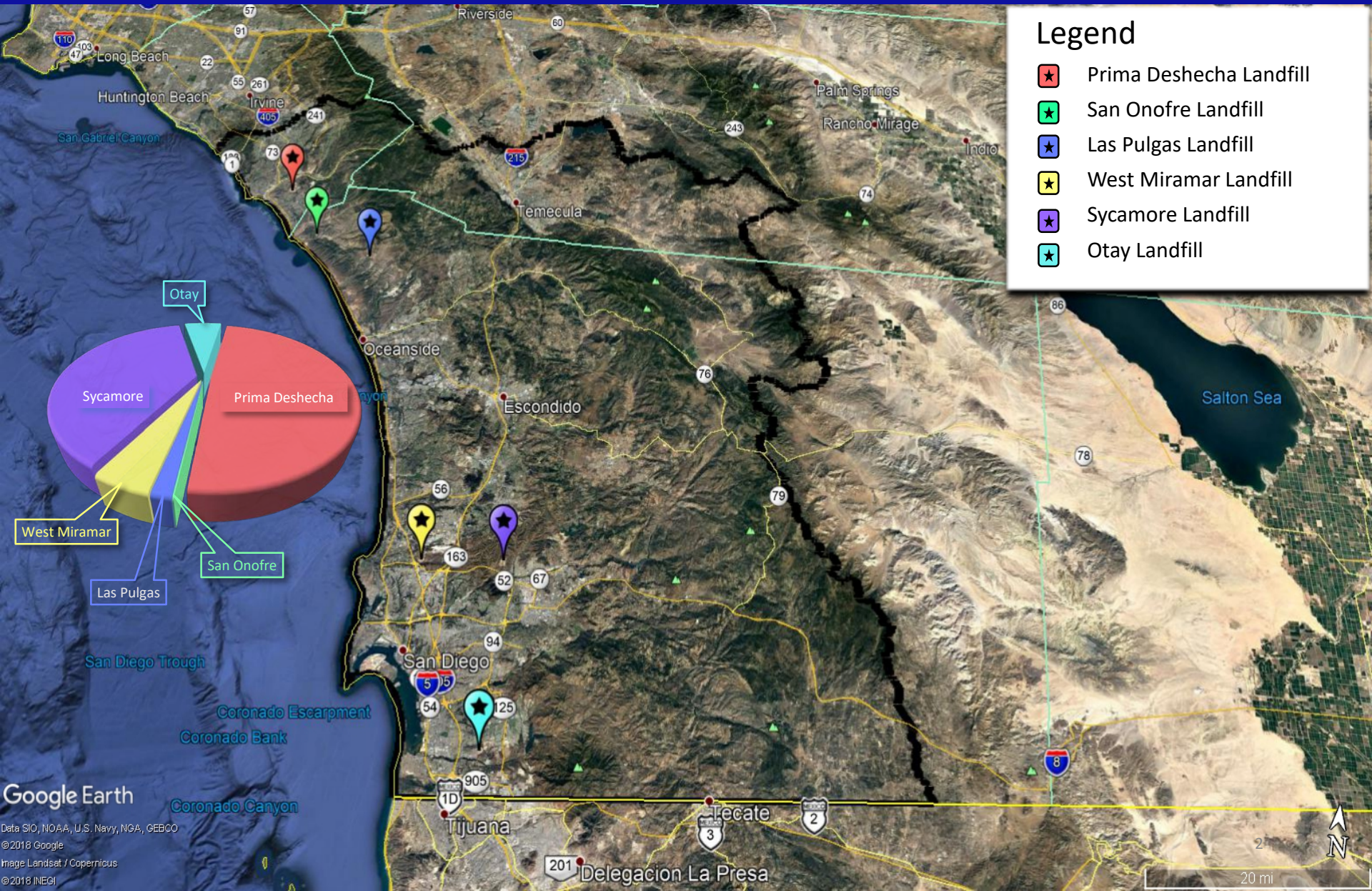
Sycamore Landfill

Santee California

Amy Grove

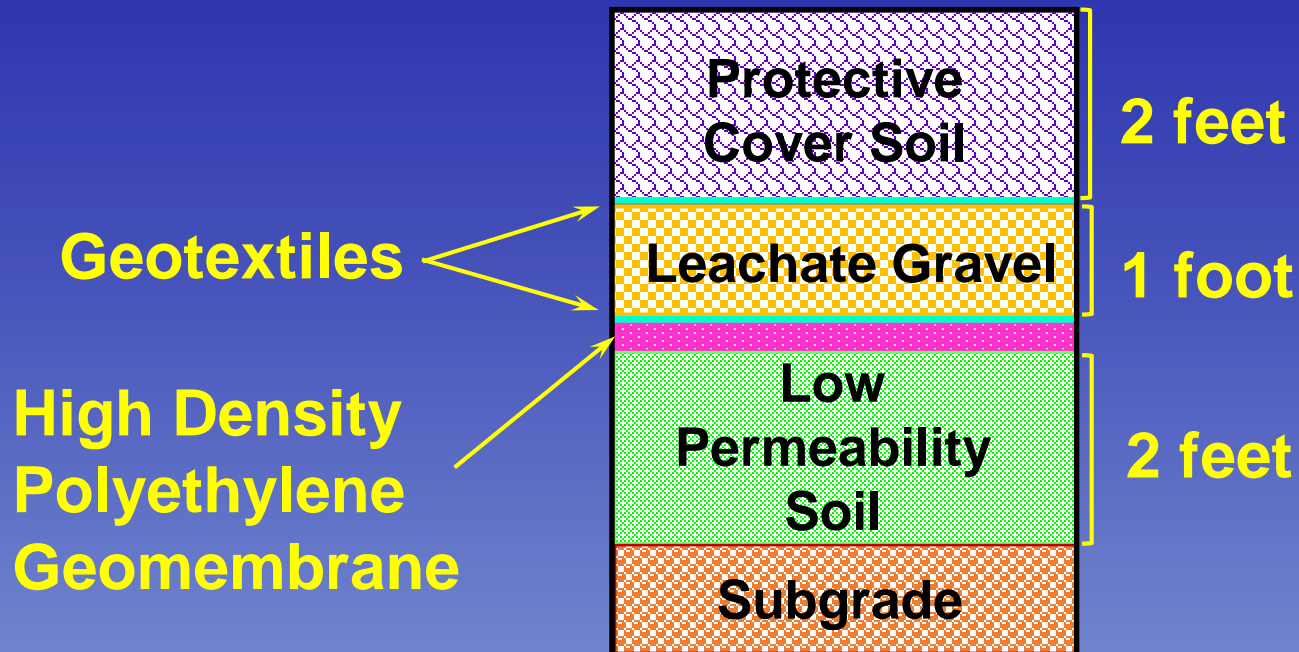
Land Disposal Program

Active Landfills and Remaining Capacity

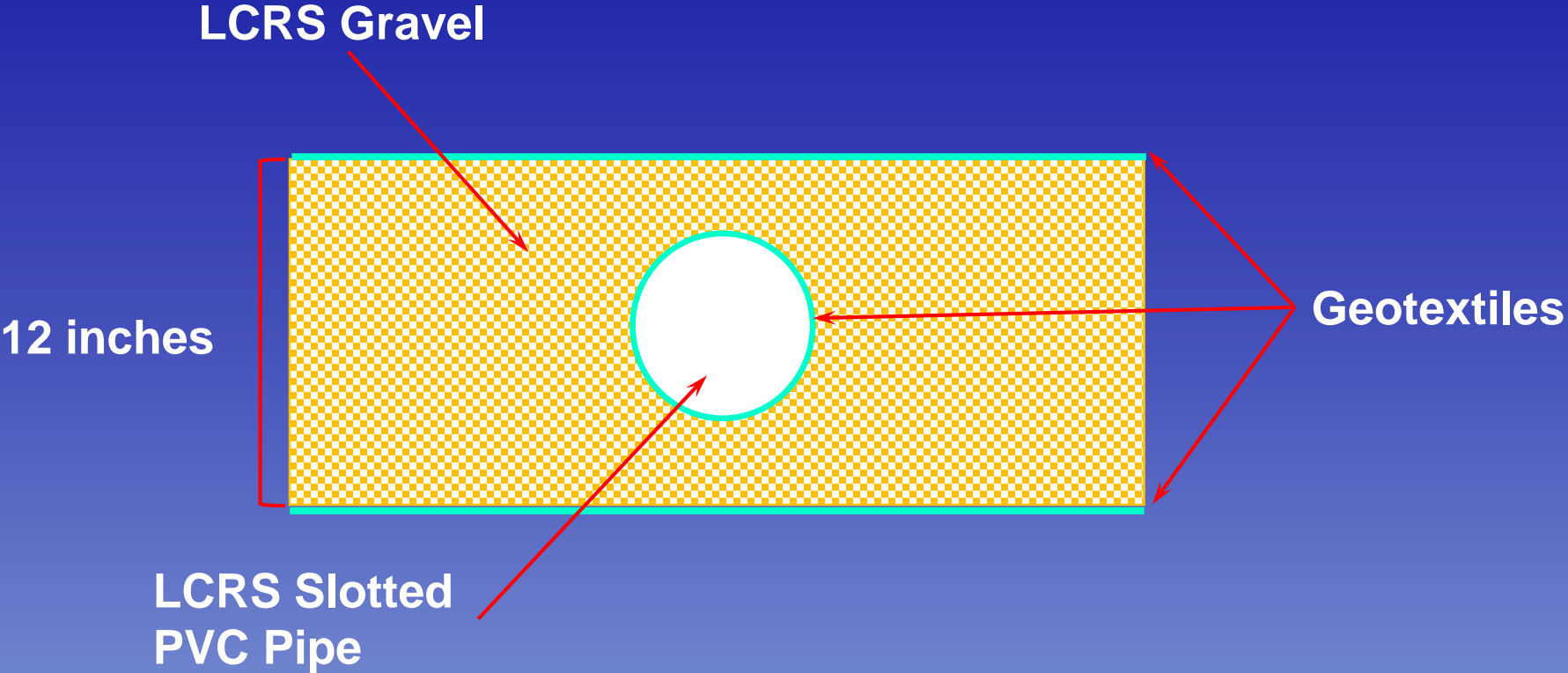


Landfill Liner Systems

Prescriptive Design from California
Code of Regulations Title 27



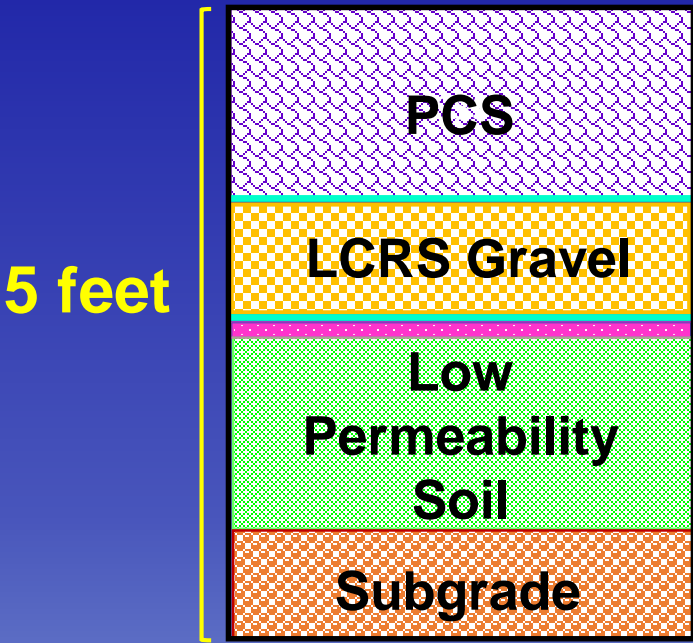
Leachate Collection & Removal Systems



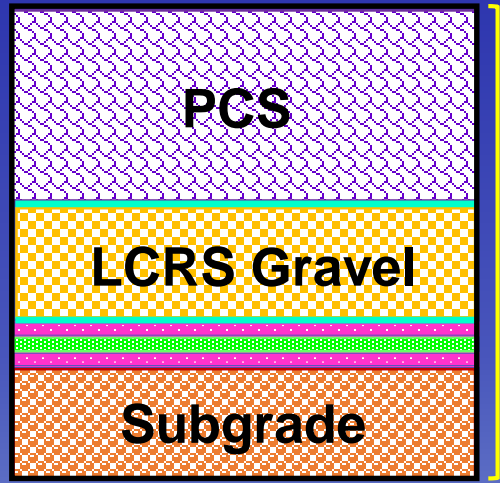
Sycamore Landfill

- **Class III Landfill**
- **Operating for 40+ years**
- **Current Order Issued in 1999**
- **Report of Waste Discharge for Master Plan Submitted 2015**

Sycamore Landfill Liner System



**Prescriptive
Liner System**



**Sycamore's
Engineered Alternative
Liner System**

Construction Quality Assurance

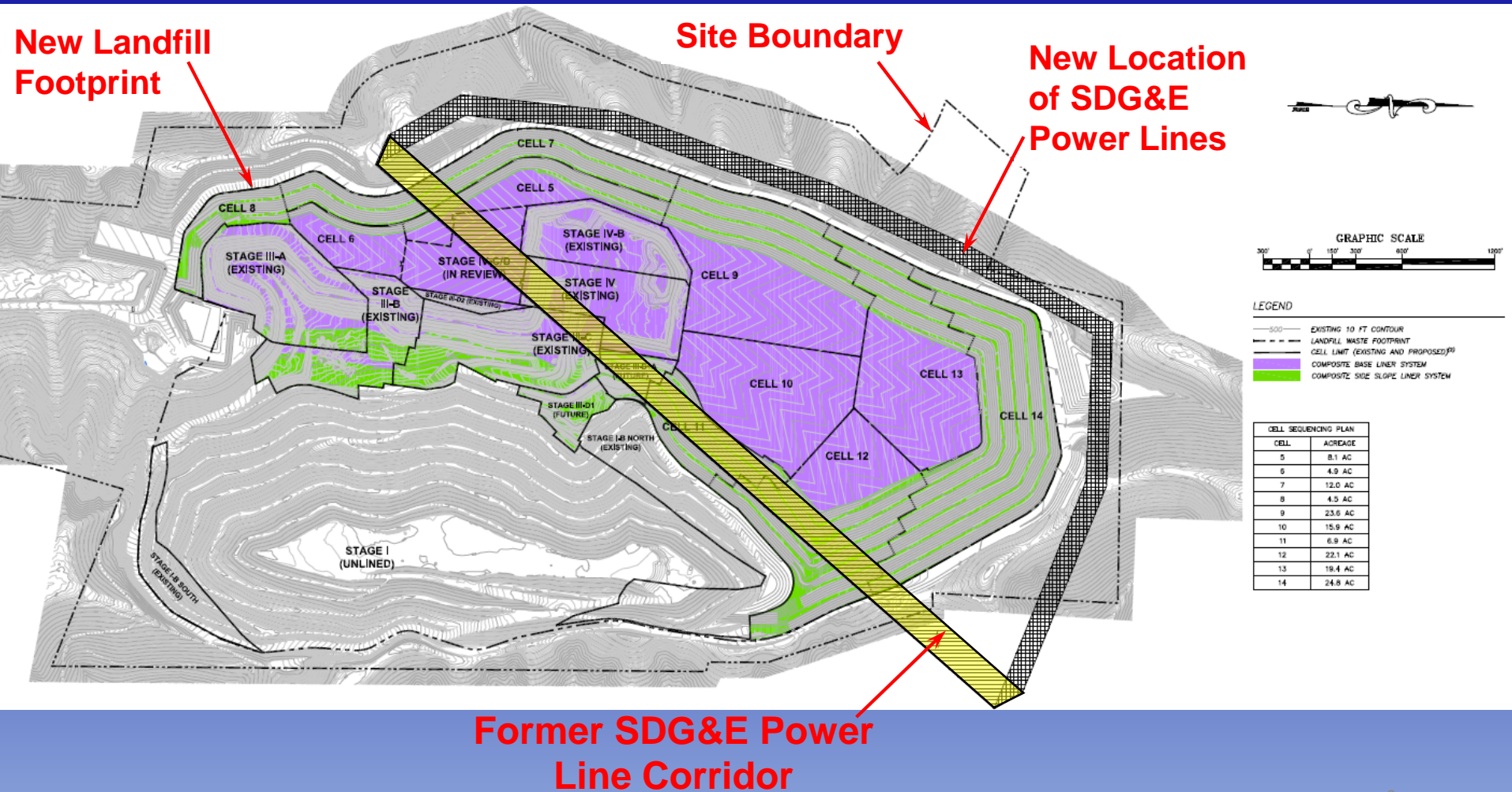
- Field testing of liner materials
- Daily Field Reports
- Electronic Leak Detection Survey
- Post-construction PCS placement protocols



Monitoring and Reporting Programs

- **Detection Monitoring**
- **Evaluation Monitoring**
- **Corrective Action Monitoring**

Sycamore Landfill Development and Expansion



What's New to the Waste Discharge Requirements

- **Construction Quality Assurance Requirements**
- **Formal Monitoring and Reporting Specifications**
- **Chipping and Grinding Specifications**
- **Waste Acceptance Criteria**

Public Participation

- **45-day Public Comment Period**
- **No Timely Comments Received**

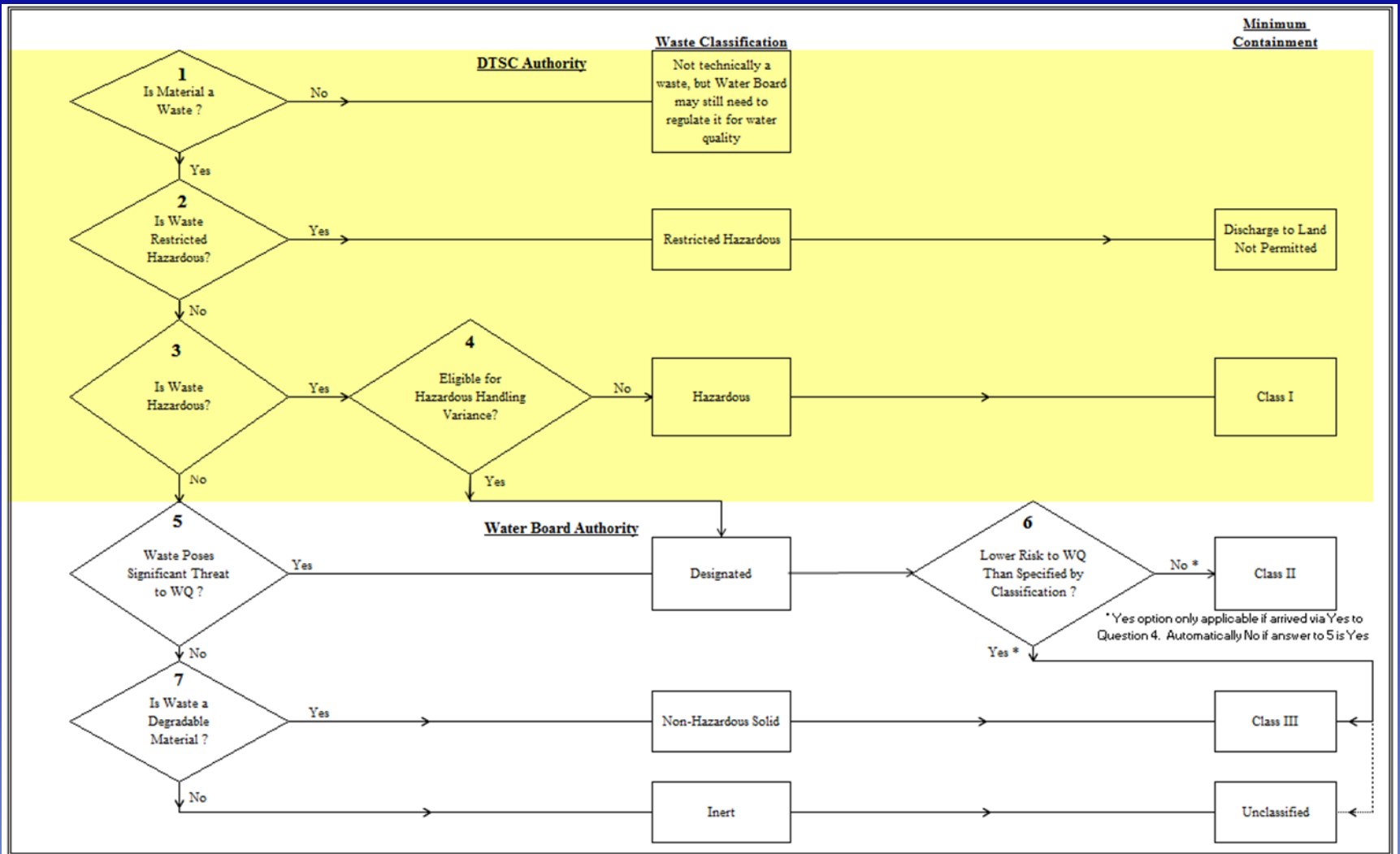
Additional Presenters

- **Neil Mohr, Republic Services**
- **Brianna St. Pierre , State Water Board**

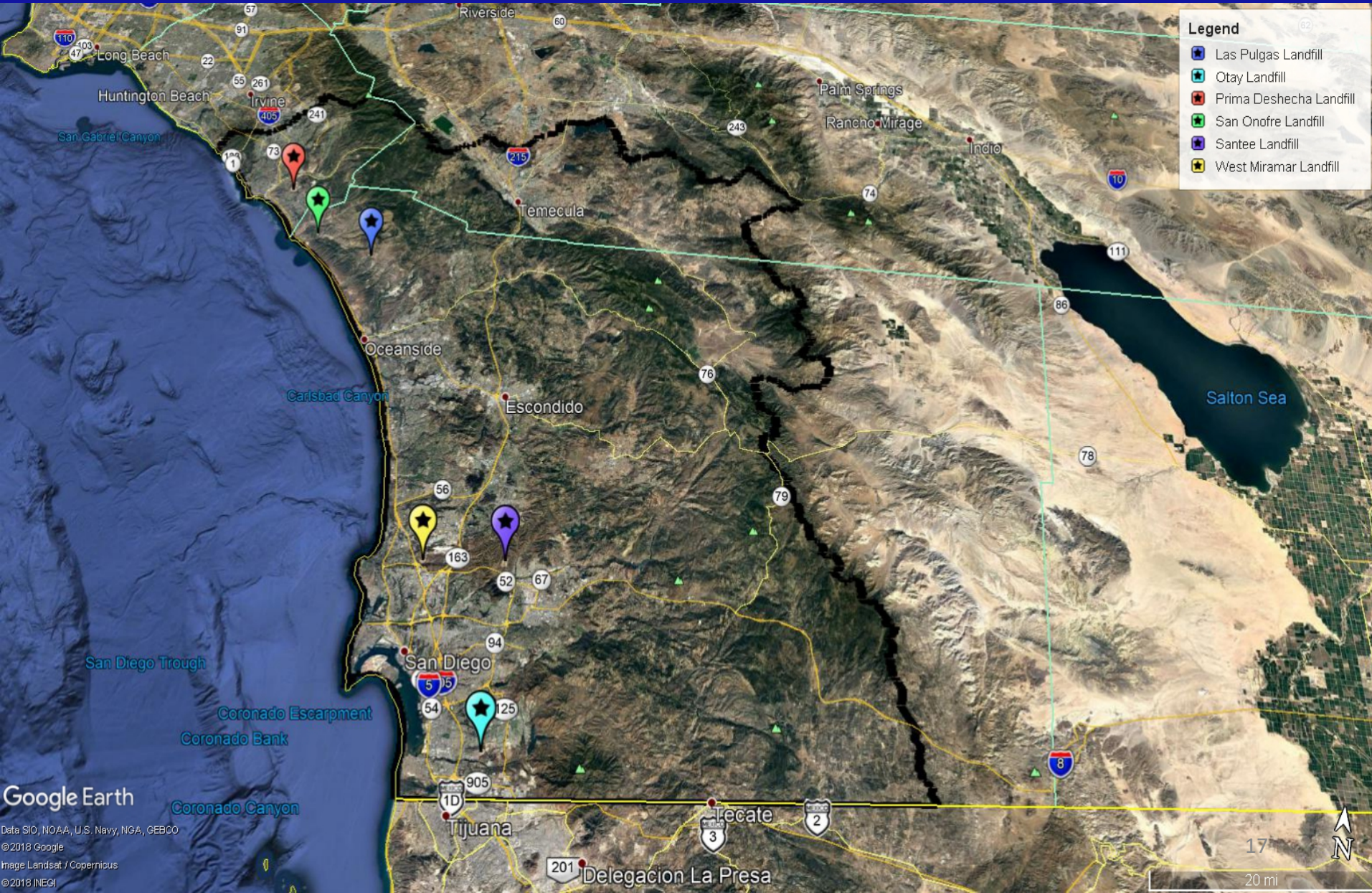
Questions ?

Recommend Adoption of Tentative Order No. R9-2018-0069 for the Sycamore Landfill



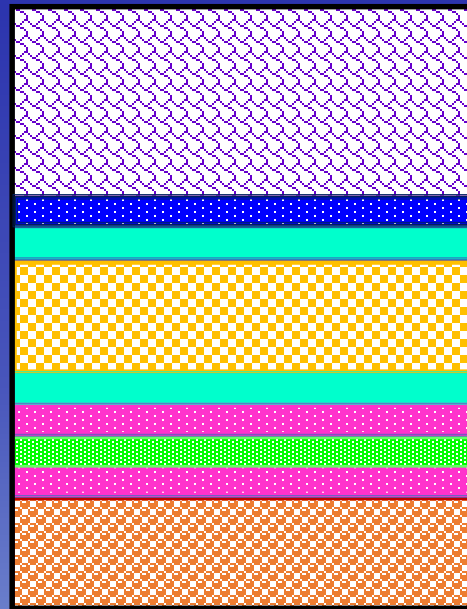
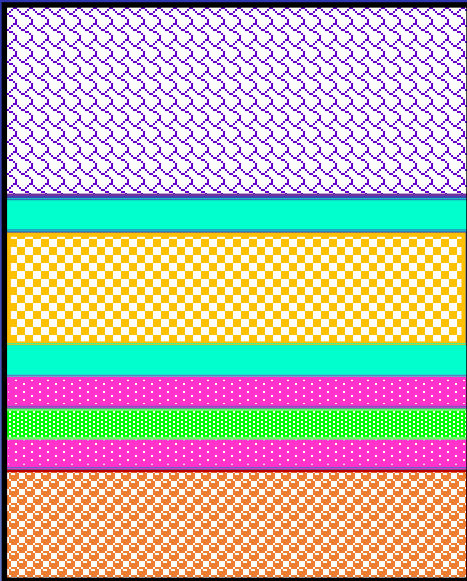


San Diego Region Active Landfills



Google Earth

Data SIO, NOAA, U.S. Navy, NGA, GEBCO
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Sycamore Landfill Liner System

