Post Closure Development Symposium: A LEA Perspective

Greg Schirle, REHS
Solid Waste Specialist
San Mateo County Environmental Health

Introduction

You can do it! We can help!

The Home Depot Project:

An overview of a Post Closure Development on the Junipero Serra Landfill Colma CA.

Junipero Serra Landfill Colma CA.

- Operated 1956 to 1983 as a sand quarry/ rubbish landfill
- Site was Closed in 1984 under RWQCB requirements
- Size 8.7 Acres approx 8 Acres used for landfill
- Waste depth approx 130 feet
- LFG control installed 1988

Junipero Serra Landfill Interesting Tidbits

- First Post Closure Development regarding new post closure regulations CCR Title 14 Section 17796
- First Post Closure Development directly over significant depth of waste
- CIWMB Board Meeting January 20, 1993 Agenda Item #15

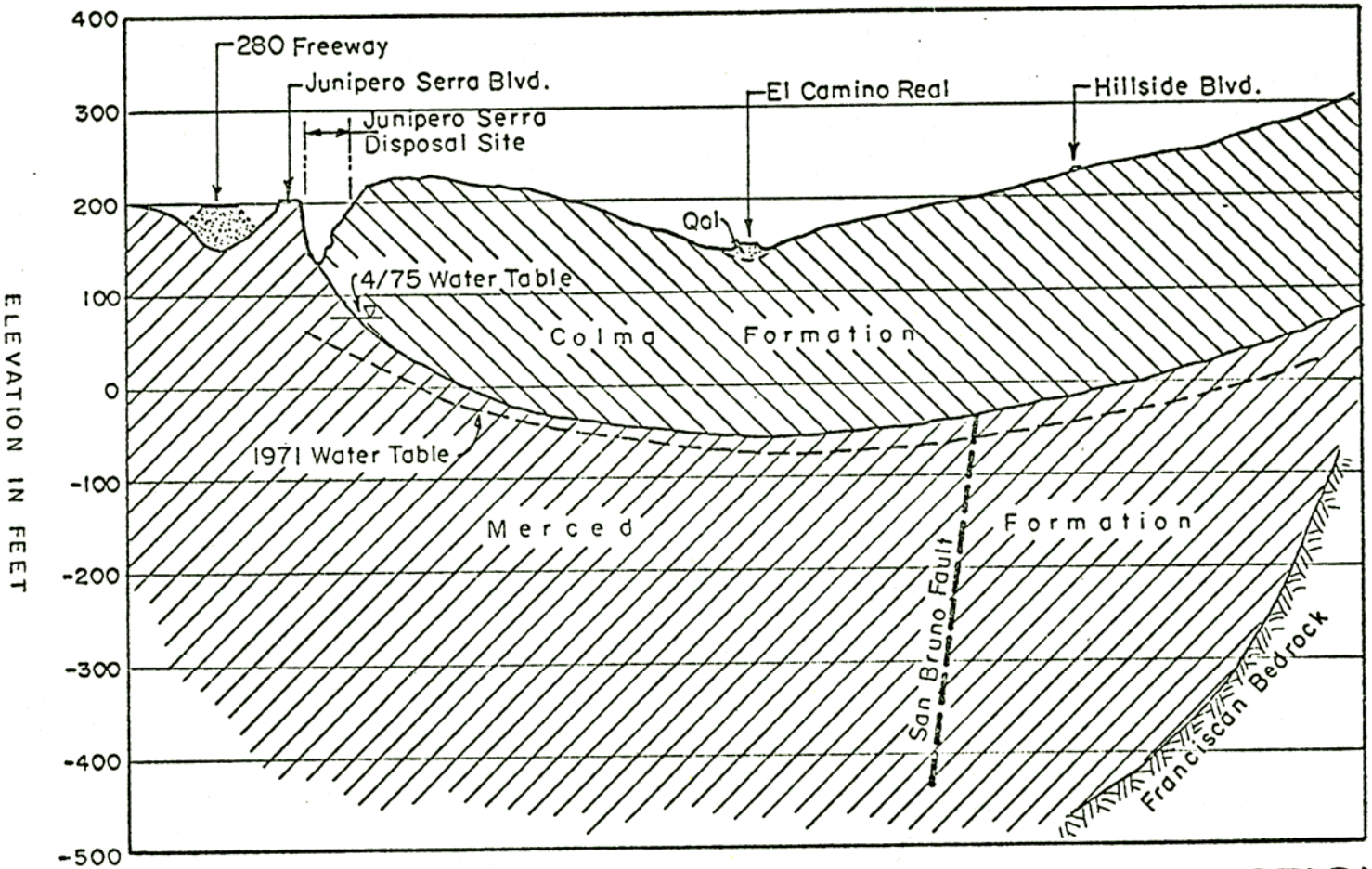
San Mateo County

Phases of the Development

- Junipero Serra Landfill

  Past to Present

Job Number 1684-B Name AMLOC COMPANIES Location COLMA



GENERALIZED HYDROGEOLOGIC CROSS SECTION
JUNIPERO SERRA SITE

SCALES: HORIZ: 1"=1000', VERT: 1"=200'

COOPER·CLARK & ASSOCIATES

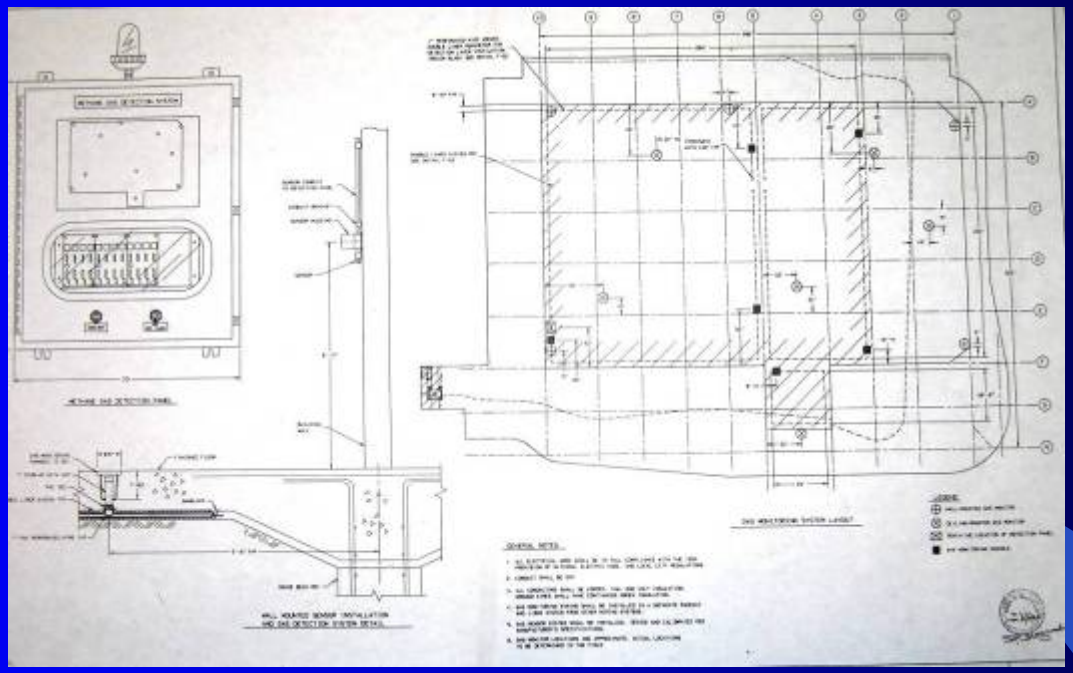
1955, 1958, 1977, 1981

Phases of the Development

- Surcharge
- Piles
- LFG Venting System
- Geomembrane- HDPE
- LFG Sensors

ANOTHER
DELIVERY
4 10'98

ANCHOR
4 10'98



4 17'98

Phases of the Development

- Issues during Construction

Phases of the Development

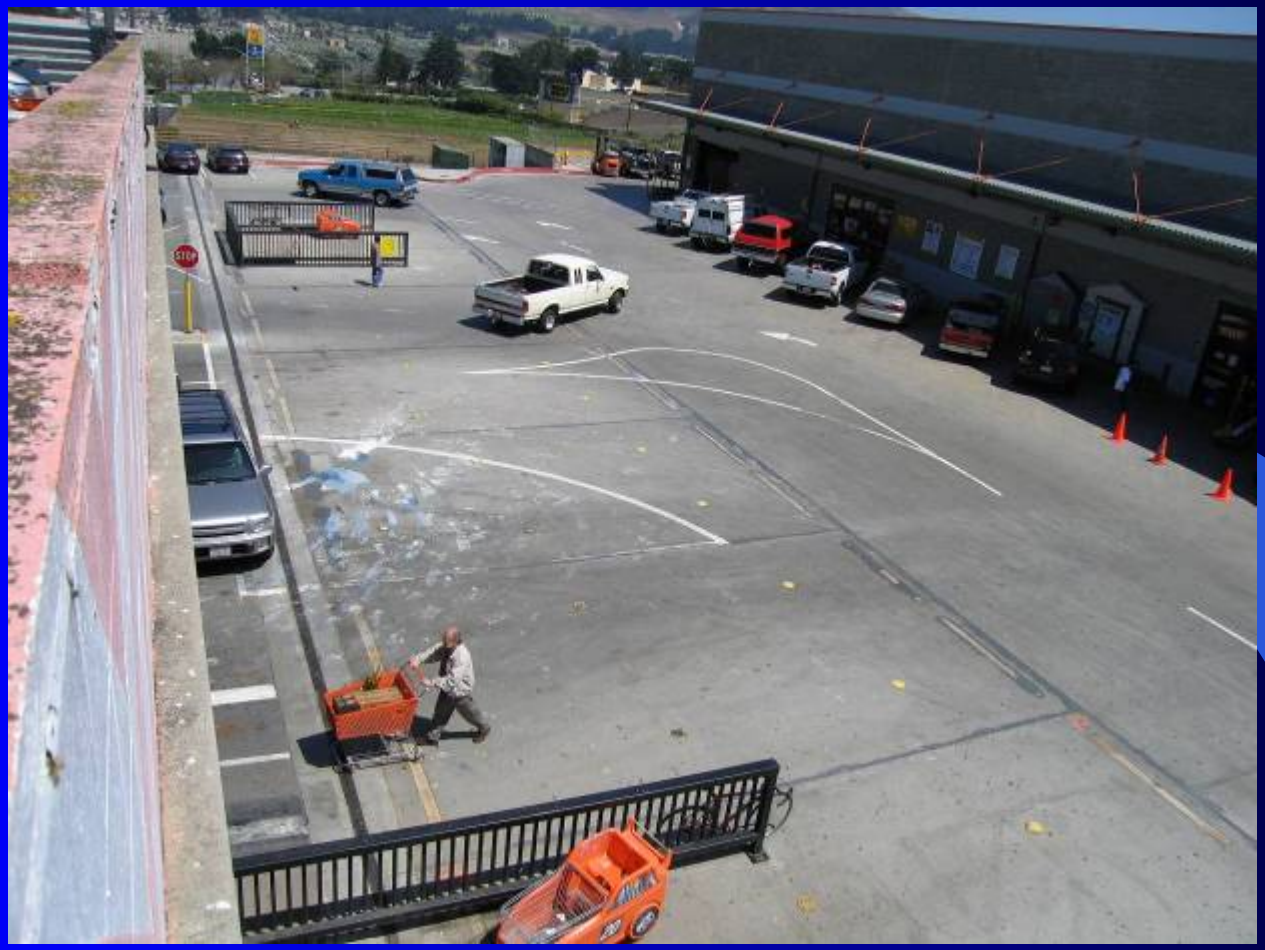
- Project Finished !

Post Development Issues Junipero Serra Landfill

- Landfill/Ground Settlement
- Erosion
- Nuisance

4CKZ368

STOP


STOP

ANOTHER
DELIVERY

THE HOME DEPOT

NO DUMPING
不要傾卸廢物
NO DEJEN BASURA

3M

Conclusion

A Successful Post Closure Development Project Can be achieved

Tips For The Local Enforcement Agency:

- Get involved early in the process
- CEQA
- Communicate with City and other agencies
- Plan Check & Compliance Inspections

For More Information

Please Contact:

Greg Schirle (650) 363-4797
Email gschirle@co.sanmateo.ca.us
San Mateo County Environmental Health Division