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Post Closure Development Symposium: A LEA Perspective

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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

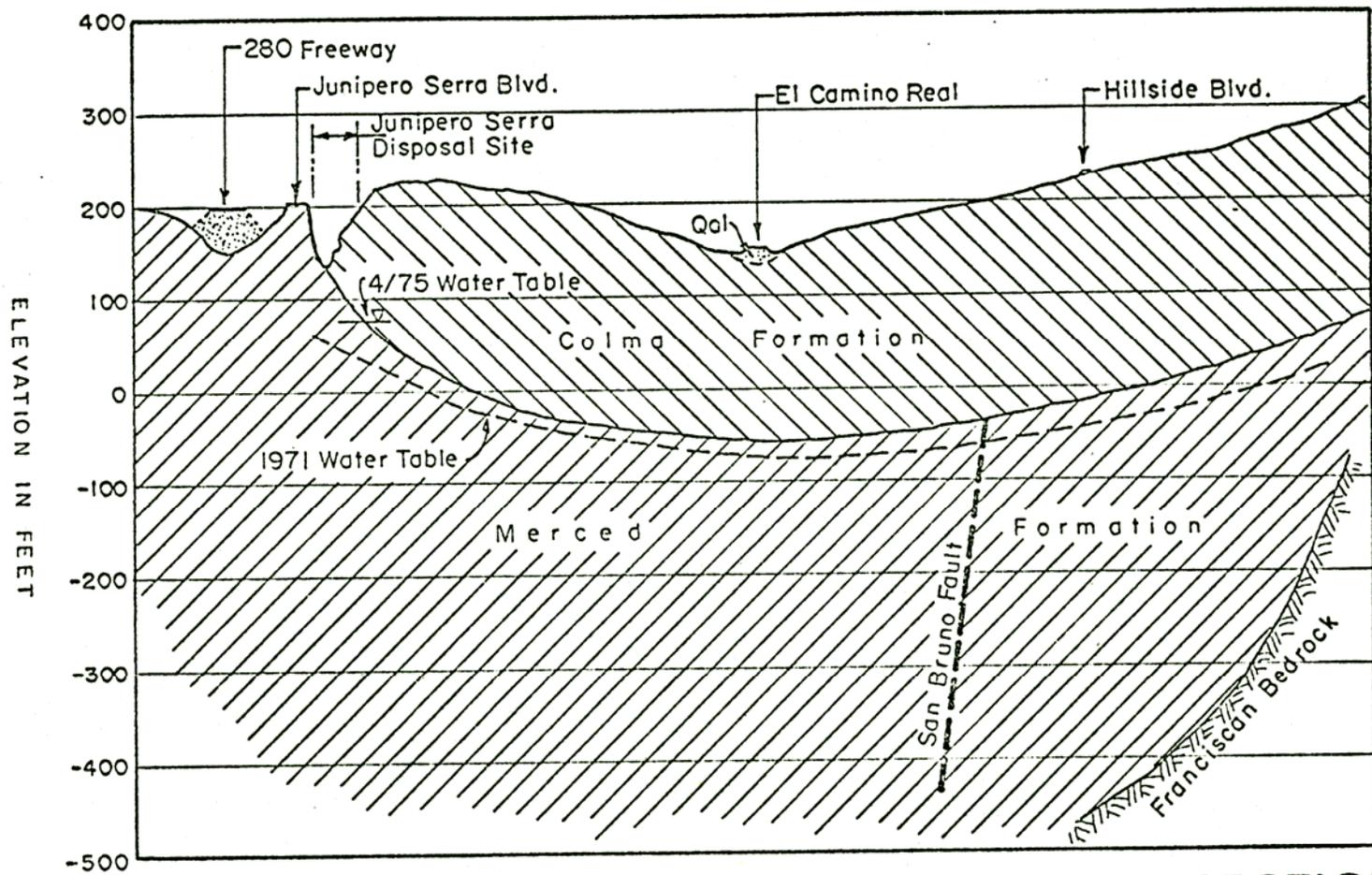
- First Post Closure Development regarding new post closure regulations CCR Title 14 Section 17796
- First Post Closure Development directly over significant depth of waste
- CIWMB Board Meeting January 20, 1993 Agenda Item #15

San Mateo County



Phases of the Development

- Junipero Serra Landfill
Past to Present



GENERALIZED HYDROGEOLOGIC CROSS SECTION JUNIPERO SERRA SITE

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

COOPER-CLARK & ASSOCIATES



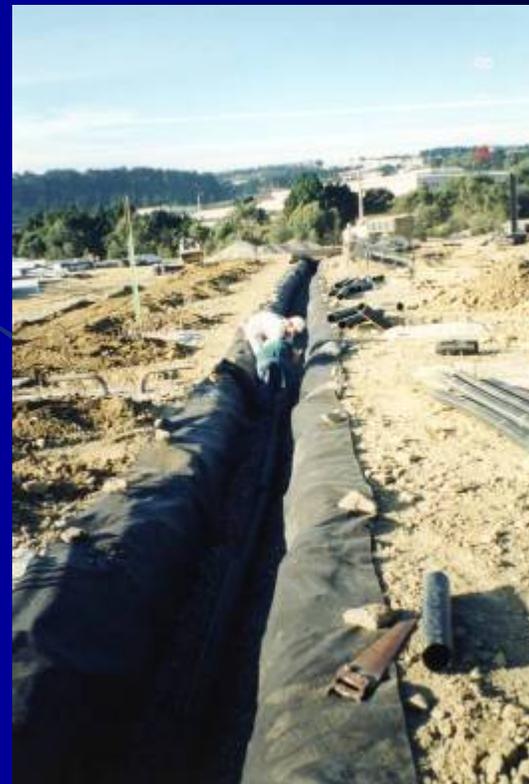
1955, 1958,

1977, 1981



Phases of the Development

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





Phases of the Development

- Issues during Construction













Phases of the Development

- Project Finished !



Post Development Issues Junipero Serra Landfill

- Landfill/Ground Settlement
- Erosion
- Nuisance















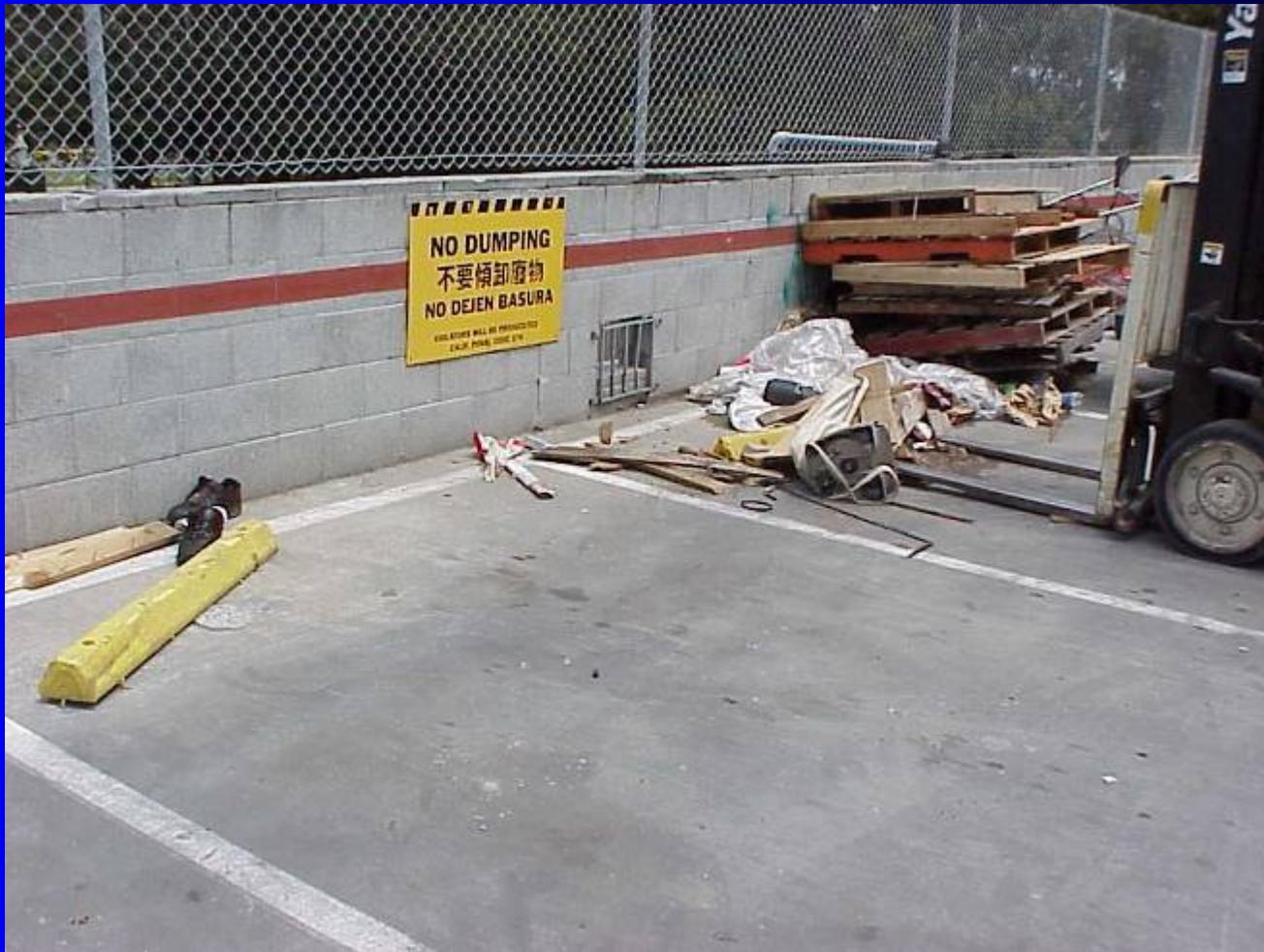


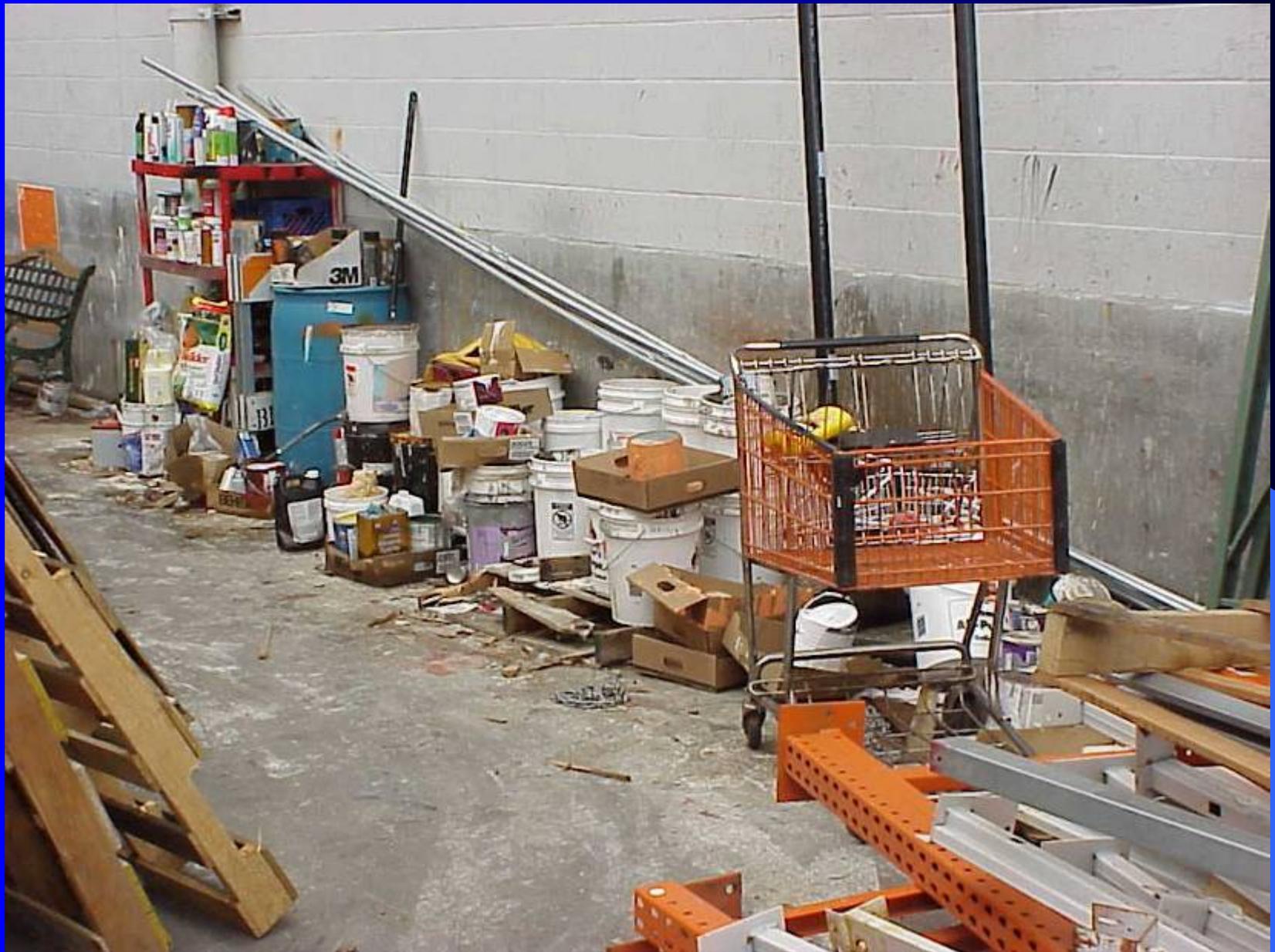












Conclusion

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

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