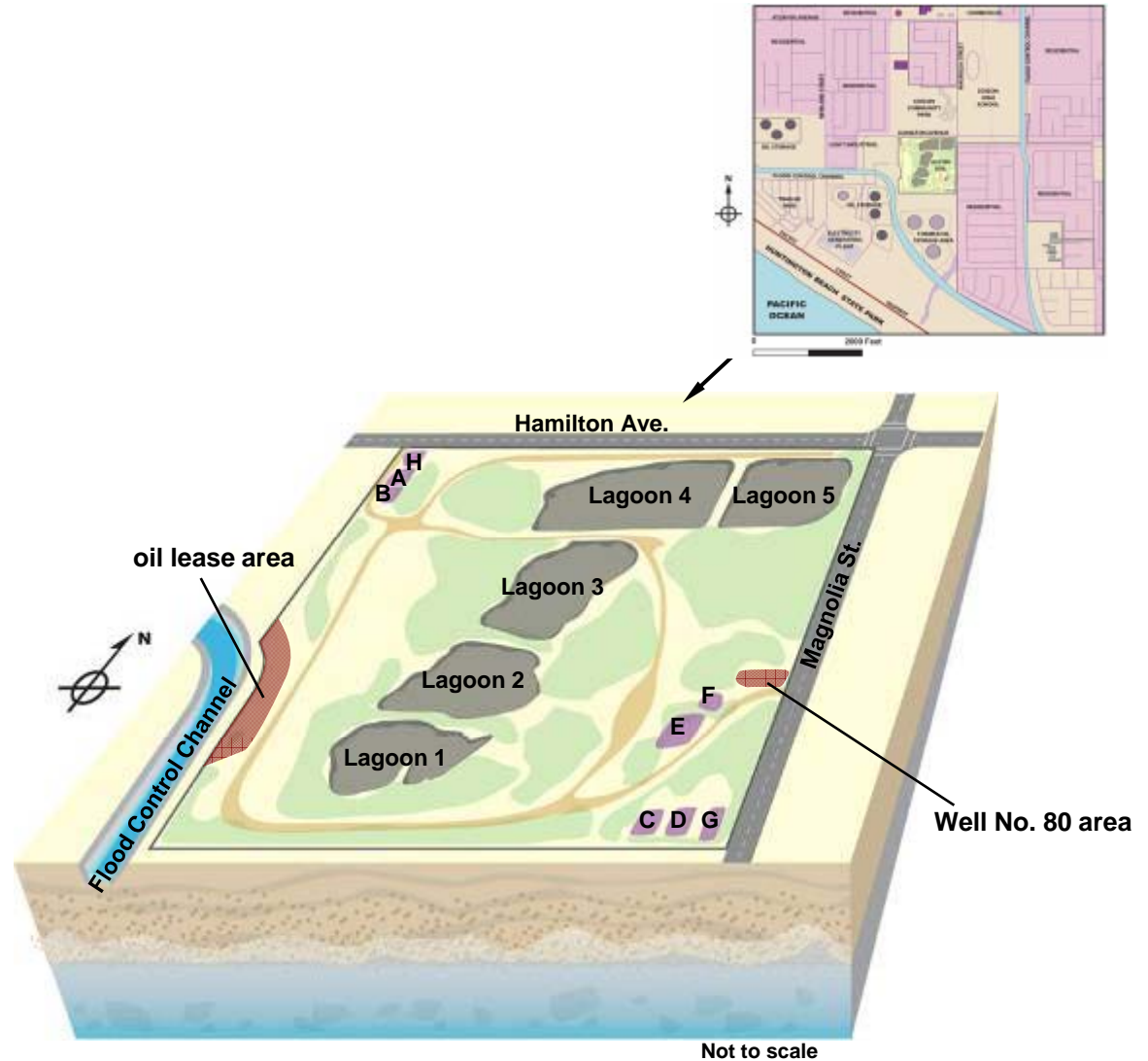


# Ascon Landfill Site at a Glance

- 38 acres
- Received oil production waste for approximately 34 years (1938 -1972) then construction debris for approximately 12 years (1972 - 1984)
- 5 existing “lagoons” covering approximately 30% of the Site and 8 pits
- 2 operating oil wells in southwest corner in leased area (formerly South Coast Oil Corporation, SCOC, now EDC)
- Area to the northeast of Pit F was the Well No. 80 area (blow-out in 2004)
- Consent Order between DTSC and RPs signed in January 2003



# Ascon Aerial Photo (2006)



# Nine Evaluation Criteria

Screening Criteria	Nine Evaluation Criteria
Effectiveness	Overall Protection of Human Health and Environment
	Compliance with Applicable or Relevant and Appropriate Requirements (ARARs)
	Long-term Effectiveness and Permanence
	Reductions in Toxicity, Mobility, and Volume Through Treatment
	Short-term Effectiveness
Implementability	Implementability
Cost	Cost
	State Acceptance
	Community Acceptance

## Role of Criteria During Remedy Selection

- "Threshold" Factors
- "Primary Balancing" Factors
- "Modifying" Considerations

# Metrics for Ascon Remedial Alternatives

Remedial Alternative	Remedy Description	Volume of Waste Removed from Site <sup>1</sup> (1,000 cy)	Volume of Imported Materials (1,000 cy)	Estimated # of 1-Way Truck Trips (1,000 trips) – Waste / Import	Estimated Duration of Remedy Construction (months)	Average # of 1-Way Truck Trips per Work Day
Alt. 1	No Action	0	0	0	0	0
Alt. 2	Limited Waste Removal	79 - 75	93 - 128	9 / 11 -- 9 / 15	10 - 16	95 - 71
Alt. 3 <sup>2</sup>	Protective Cap	123 - 125	292 - 229	14 / 34 -- 15 / 27	19 - 30	120 - 67
Alt. 4 <sup>3</sup>	Partial Source Removal with Protective Cap	185 - 187	292 - 226	22 / 34 -- 22 / 27	27 - 42	99 - 56
Alt. 5	Source Removal with Offsite Disposal and Slurry Injection Technology	523 - 806	0 - 268	62 / 0 -- 95 / 32	73 - 109	41 - 55
Alt. 6	Source Removal with Offsite Disposal	1,070 – 1,355	126 - 268	126 / 15 -- 159 / 32	62 - 72	108 - 126

## Notes

- (1) For Alt. 5 - Includes only solid material disposed offsite - not liquid waste injected via slurry injection well(s).
- (2) Metrics for Alt. 3 – Protective Cap based on a range from estimates developed for installing a 38-acre Monolithic Soil Cap and Multilayer Cap.
- (3) Metrics for Alt. 4 – Protective Cap based on a range from estimates developed for installing a 38-acre Monolithic Soil Cap and Multilayer Cap.