

Steering Committee Presentation

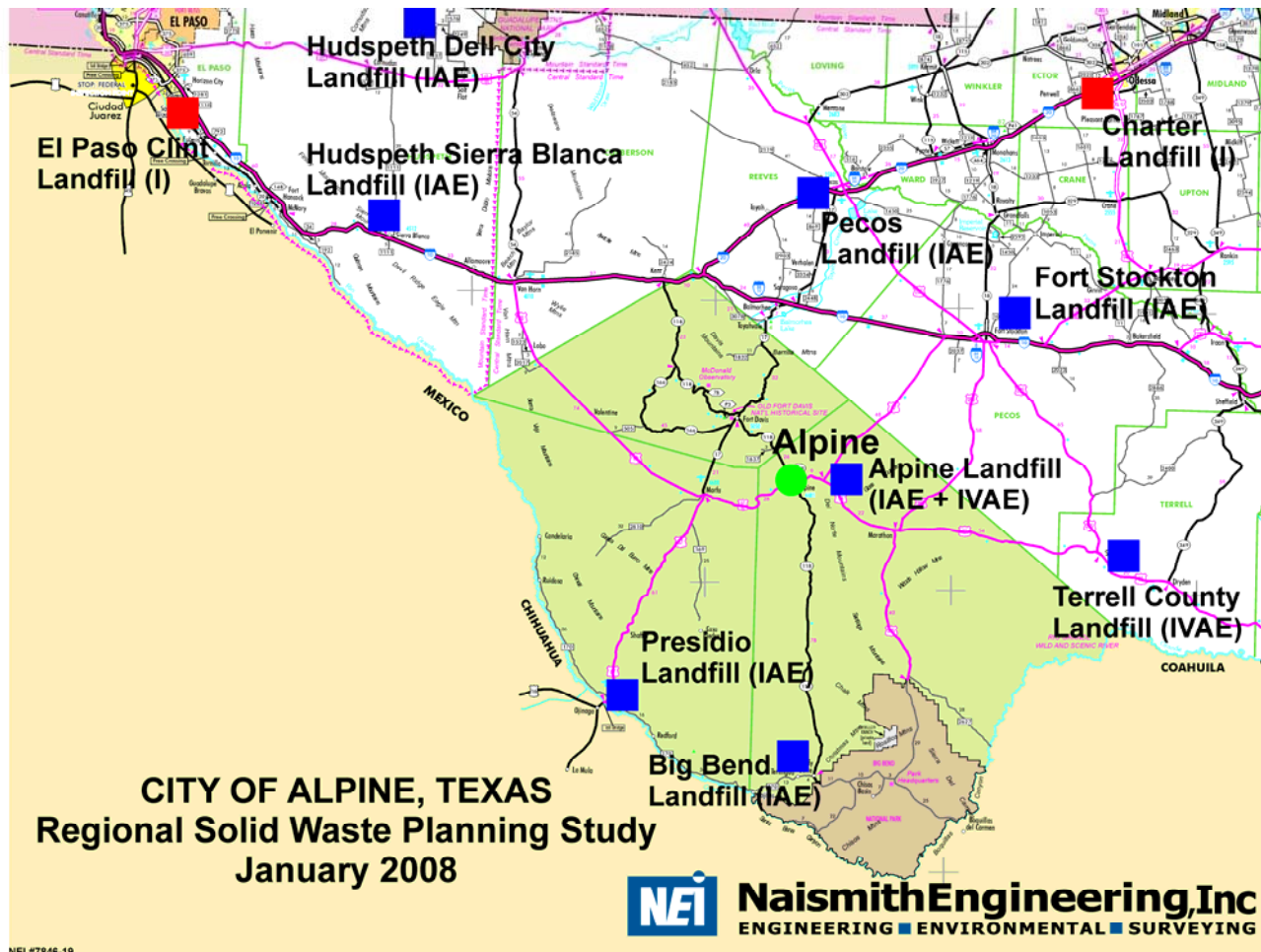
**Regional Solid Waste
Planning Study
The City of Alpine, Texas**

**Alpine City Hall
100 North 13th Street, Alpine, Texas
February 28, 2008**

Administrative Items

- Project Contacts
 - City of Alpine – Mr. Chuy Garcia – City Manager
 - Naismith Engineering, Inc. – Mr. Grant A. Jackson, P.E., Project Engineer
- Review of Contact List
- Communication Procedures
- Funding Sources - \$90,000
 - Border Environment Cooperation Commission (BECC) Technical Assistance Program - \$45,000
 - U.S. Environmental Protection Agency (EPA) Border 2012 Program - \$45,000

Project Area



Scope of Work

- Facility Planning (Waste generation)
- Current Practices Analysis
- Alternatives Analysis
- Land Requirements, Site Analysis and Conceptual Design
- Management Analysis
- Determination of Permitting Rqmts.
- Preliminary Financial Analysis
- Public Participation

Public Involvement Process

- Project Kick-off Meeting (Dec. 2007)
- Steering Committee Meetings
- Other Public Meetings
- Meetings with Public Entities & Regional Partners
- City Council Meetings
 - Updates/Presentations
 - Public Hearings (Adoption & Expend.)

Data Collection Activities

- Survey Forms
 - Kick-off Meeting
 - Via Fax/E-mail
- TCEQ Files
- COGs
- Follow-up Meetings
 - City of Fort Stockton
 - Jeff Davis County
 - City of Marfa
 - City of Presidio
 - Presidio County
 - Town of Pecos City
 - Terrell County

Regulatory Requirements

- Arid Exempt Landfills
 - Special Exception to TCEQ/EPA Rules
 - <20 Tons Per Day (TPD) of Garbage (MSW)
 - < 20 TPD Brush & Construction/Demolition Debris (B&CD)
 - “No feasible alternative”
 - No constructed liners or groundwater mon.
- Other (Type I) Landfills
 - Constructed Liners & GW Mon. (\$300k/Ac)
 - No limit on waste acceptance
- Landfills Must Conform to Regional Solid Waste Plan by COG

Constraints

- Waste Acceptance Limits
 - <20 TPD Total, unless approval from TCEQ
 - < 20 (MSW) + 20 TPD (B&CD) with approval
 - Applies to “Disposal” – addn. waste can be received, if not disposed
 - Req. other alternative(s) – gen. > limit
- Distance
 - Charter LF – Odessa - 143 mi. (One Way!)
 - Clint LF – El Paso – 198 mi.
- Other AE’s (Based on 2006 Data!)
 - Planning Area - 70 T-Yrs (7 Years @ 10 TPD)
 - PA+Adj. - 219 T-Yrs (21.9 Yrs. @ 10 TPD)

Alternatives

- Waste Minimization
 - Waste Prevention
 - Only Means is Through Education
 - Reuse/Recycling
 - New Paradigm (Way of Thinking)
 - Source Separation
- Disposal
 - Transfer Stations
 - Additional AE Landfills
 - Upgrade to Type I Landfills

Environmental Issues/Permitting

- Environmental Assessment (Any)
 - Required prior to release of funds by funding agencies
 - Environmental Impacts addressed during TCEQ process
- Permitting
 - Transfer Stations will require authorization from the TCEQ (Registration)
 - Landfills require Permit
 - Technical Review by TCEQ
 - Opportunity for Public Meeting & Input
 - Permitting Costs
 - AE Landfills (\$250k-\$500k)
 - Type I Landfills (\$500k-????)
 - Extremely Dependent on Public Opposition

Identification and Prioritization of Regional Issues (Interactive Session)

Questions



- Naismith Engineering
- Grant A. Jackson, P.E.
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- Tom Brown
(tbrown@naismith-engineering.com)