

**AGENDA**  
**OCEANSIDE DEVELOPER'S CONFERENCE**

**Tuesday, April 5, 2011, 9:30 a.m.**  
**Guajome Room**

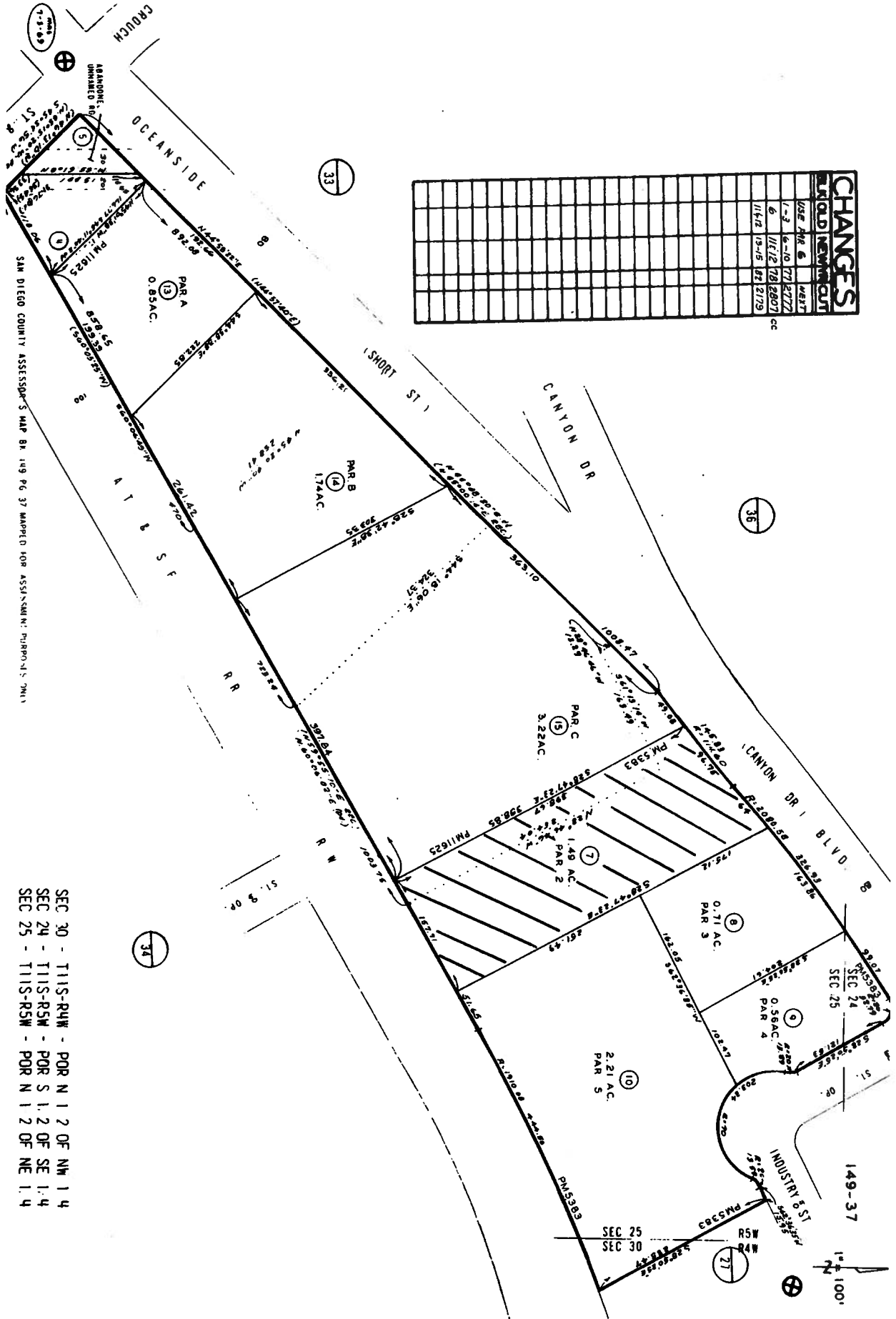
1. 9:30a.m. - 10:30 a.m.

Discussion to allow the Waste Management of North County Fleet Hauling Facility to construct an gas compression equipment area and to allow several upgrades to the existing 3.7-acre site for the conversion of all fleet vehicles to compressed natural gas located at 2141 Oceanside Boulevard.

**Zoning:** General Industrial (IG)  
**Land Use:** General Industrial (GI)  
**Neighborhood Area:** Loma Alta  
**Assessor Parcel:** 149-370-07-00  
**Contact Person:** Sherri Newland  
**Tel.:** (208) 861-7593

**Attachments:**

APN Maps:  
149-370-07-00



SEC 30 - T11S-R5W - POR N 1 2 OF NW 1 4  
 SEC 24 - T11S-R5W - POR S 1 2 OF SE 1 4  
 SEC 25 - T11S-R5W - POR N 1 2 OF NE 1 4

**Oceanside Compressed Natural Gas (CNG) Fueling Facility  
 City of Oceanside Pre-Application Meeting**

<b>Contact Name:</b>	Sherri Newland ( <a href="mailto:snewland@etenv.com">snewland@etenv.com</a> , 208.861.7593)
<b>Site Address:</b>	2141 Oceanside Boulevard Oceanside, CA 92054
<b>Parcel Number:</b>	149-370-10, 149-370-07
<b>Lot Size:</b>	3.7 acres (both parcels)

**SCOPE OF WORK:**

The Waste Management of North County Fleet Hauling Facility located in Oceanside, California, is proposing to upgrade the current fleet to Compressed Natural Gas (CNG). The scope of work necessary to perform this upgrade includes:

- Construct an equipment area for the gas compression equipment,
- Run gas distribution piping through the existing parking area for night fueling of vehicles, and
- Install safety related Shop Upgrades to the existing maintenance shop.



Photograph 1: Existing Site

The site is located on a 3.7 acre leased property within the Oceanside city limits and is zoned general industrial. The existing fleet is fueled using an on-site diesel fueling facility on Parcel 149-370-10 which is approximately 1.8 acres.

**Proposed Shop Upgrades**

Minor retrofits to the existing maintenance shop will be required in order for CNG indoor vehicle maintenance and repair. It is assumed that the existing ventilation system will not be capable of providing the requisite 1 cfm per 12 cy of air volume ventilation necessary for a CNG repair shop. A detector system interlocked to an emergency ventilation system is the preferred approach to addressing the CNG Repair Shop ventilation requirements.

Electrical conduit and wiring in the ceiling will need to be relocated outside of the 18" classified zone. Lighting appears to be outside of the classified area, so replacement of lighting will not be mandatory.

### **Proposed Site Upgrades**

A preliminary site layout was developed in coordination with WM operations (01-20-11 Oceanside site alt 6 reverse circulation) and has been attached for your reference. Below is a brief discription of the proposed site improvements:

- Traffic circulation from west to east
- Utilization of existing approaches
- Utilization of K-rail for all dispenser equipment
- New concrete pad for CNG equipment bolted/dowelled to existing concrete (no ground disturbance) surrounded by bollards
- Maximum 2500 sq ft. of ground disturbance including all utility installations and trenching

### **Additional Pertinent Information:**

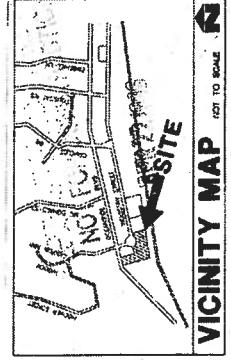
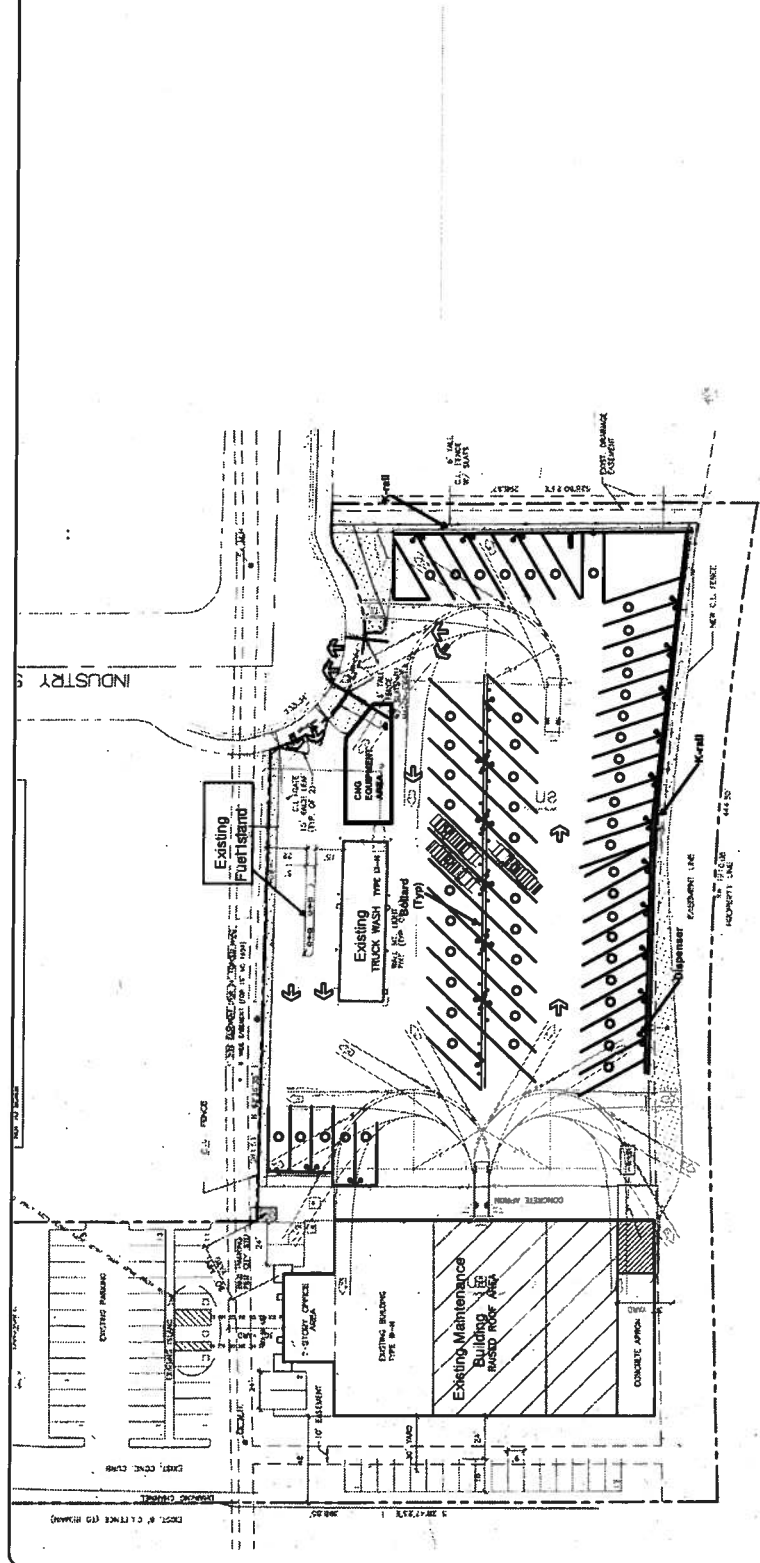
- Upgrading the existing fleet to CNG is a phased process. Old diesel trucks will be relocated from the site and replaced with new CNG vehicles, therefore no increase in traffic is proposed.
- No significant grading modifications are proposed for the site. Trench restoration in traffic areas will be of adequate design to support truck traffic.
- Existing fuel islands will remain in order to permit the diesel truck to CNG conversion process.
- The existing truck parking area will be re-strip and reconfigure for the new layout to accommodate overnight fueling (Time-Filling) of vehicles.



Photograph 2: Example of K-rail and Dispensers



Photograph 3: Example of bollards surrounding CNG Equipment Area



**SITE PLAN**  
**(ADMINISTRATION AND MAINTENANCE FACILITY)**

SCALE: 1" = 30'



**WASTE MANAGEMENT OCEANSIDE CNG**  
**58 CNG TIME FILL TRUCK PARKING STALLS TOTAL**

OCEANSIDE CNG LAYOUT  
 ALTERNATE #6 REVERSE CIRCULATION  
 1/20/11