

APPENDIX 5.5A

EDR Offsite Receptor Report



EDR® Environmental
Data Resources Inc

EDR Offsite Receptor Report

**Carlsbad Energy Center Project
4600 Carlsbad Blvd.
Carlsbad, CA 92008**

Inquiry Number: 1991539.1s

July 30, 2007

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	2
Census Map	3
Census Findings	4
Receptor Map	5
Map Findings	6
Records Searched/Data Currency Tracking Addendum	8

Thank you for your business
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2007 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available records was conducted by Environmental Data Resources, Inc. (EDR). The EDR Offsite Receptor Report provides information which may be used to comply with the Clean Air Act Risk Management Program 112-R. *"The rule requires that you estimate in the RMP residential populations within the circle defined by the endpoint for your worst-case and alternative release scenarios (i.e., the center of the circle is the point of release and the radius is the distance to the endpoint). In addition, you must report in the RMP whether certain types of public receptors and environmental receptors are within the circles."*

The address of the subject property, for which the search was intended, is:

CARLSBAD ENERGY CENTER PROJECT
4600 CARLSBAD BLVD.
CARLSBAD, CA 92008

Distance Searched: 1.000 miles from subject property

RECEPTOR SUMMARY

An X indicates the presence of the receptor within the search radius.

Residential Population

Estimated population within search radius: 5382 persons.

Other Public Receptors

Type	Within Search Radius	Sites Total
Day Care Centers:	<input checked="" type="checkbox"/>	2
Medical Centers:	<input type="checkbox"/>	
Nursing Homes:	<input type="checkbox"/>	
Schools:	<input checked="" type="checkbox"/>	3
Hospitals:	<input type="checkbox"/>	
Colleges:	<input checked="" type="checkbox"/>	1
Arena:	<input type="checkbox"/>	
Prison:	<input type="checkbox"/>	

Environmental Receptors

Type	Within Search Radius	Sites Total
Federal Land:	<input checked="" type="checkbox"/>	1

CENSUS MAP - 1991539.1s



- ★ Target Property
- ⚡ Roads
- 🌊 Waterways
- 📐 Census Tracts



TARGET PROPERTY:	Carlsbad Energy Center Project	CUSTOMER:	CH2M Hill, Inc.
ADDRESS:	4600 Carlsbad Blvd.	CONTACT:	Crystahl Taylor
CITY/STATE/ZIP:	Carlsbad CA 92008	INQUIRY #:	1991539.1s
LAT/LONG:	33.1420 / 117.3345	DATE:	July 30, 2007 7:29 pm

CENSUS FINDINGS

Map ID	Tract Number	Total Population	Population in Radius	Total Area(sq.mi.)	Area in Radius(sq.mi.)
T1	0179.00	7226	2031.7	0.93	0.26
T2	0180.00	3354	150.8	17.98	0.81
T3	0178.09	2210	345.1	0.60	0.09
T4	0178.10	4670	2223.4	1.52	0.72
T5	0178.06	897	100.5	4.76	0.53
T6	0178.05	2710	530.8	3.60	0.70

RECEPTOR MAP - 1991539.1s



- ★ Target Property
- ⚡ Roads
- ⚡ Waterways
- ⚡ Environmental or Public Receptor
- ⚡ Federal Lands Linear Features
- ⚡ Federal Lands Area



<p>TARGET PROPERTY: Carlsbad Energy Center Project ADDRESS: 4600 Carlsbad Blvd. CITY/STATE/ZIP: Carlsbad CA 92008 LAT/LONG: 33.1420 / 117.3345</p>	<p>CUSTOMER: CH2M Hill, Inc. CONTACT: Crystahl Taylor INQUIRY #: 1991539.1s DATE: July 30, 2007 7:29 pm</p>
---	--

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	EDR ID Database	
NA WSW 1/4-1/2 mi 2108 NA	Name1: California Coastal National Monument Name2: Not Reported Name3: Not Reported Feature1: National Monument BLM Feature2: Not Reported Feature3: Not Reported URL: http://www.ca.blm.gov/hollister/coastal_monument.html	CUSA112474 FED_LAND	
1 NNW 1/2-1 mi 4065 Higher	Name: Jefferson School ID: 244022 Site Type: school Latitude: 33.15300 Longitude: -117.30000	GNS0194444 GNIS Schools	
A2 North 1/2-1 mi 4157 Higher	Name: Saint Patricks School ID: 248700 Site Type: school Latitude: 33.15300 Longitude: -117.30000	GNS0223455 GNIS Schools	
A3 North 1/2-1 mi 4175 Higher	Schoolid: 00076998 Address: 3820 PIO PICO County num: 6073 State: CA Zip5: 92008 Phone: 760-729-1333 Hi grde: Grade 8 Locale: Urban fringe of Large City School type: Regular elementary or secondary School level: Elementary Affiliation: Roman Catholic Association: National Catholic Educational Association (NCEA), National Assoc. of Private Schools for Exceptional Children (NAPSEC)	Name: ST PATRICK City: CARLSBAD County: SAN DIEGO Fips: 6 Zip4: Not Reported Low grade: Kindergarten Gender: Coed	PVTSCH00076998 Private Schools
4 North 1/2-1 mi 4398 Higher	Name: CARLSBAD CHRISTIAN CHILD DEVELOPMENT CENTER Address: Not Reported City: Not Reported State: CA Zip: Not Reported	DAY1041735 Daycare	
5 NNW 1/2-1 mi 4546 Higher	Name: SCHOOL'S OUT - JEFFERSON Address: Not Reported City: Not Reported State: CA Zip: Not Reported	DAY1041736 Daycare	

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

EDR ID
Database

6
SSE
1/2-1 mi
4579
Higher

Schoolid: 413228
Name: OCCUPATIONAL TRAINING SERVICES INC
Address: 5315 AVENIDA ENCINAS
City: CARLSBAD
State: CA Zip: 92008
Telephone: 6194310827
Sector: Less than 2-year private, not-for-profit
Level: Less than 2 years (below associate)
Control: Private, nonprofit
Affiliation: Private, not for-profit, no religious affiliation
Has Hospital?: 2
Open to Pub?: Insitution is open to the public
Active?: Active - institution active and not a new institution

COL413228
Colleges

RECORDS SEARCHED/DATA CURRENCY TRACKING

Census

Source: U.S. Census Bureau

Telephone: 301-457-4100

2000 U.S. Census data was used to estimate residential population following these EPA guidelines: *"Census data are presented by Census tract. If your circle covers only a portion of the tract, you should develop an estimate for that portion...Determine the population density per square mile (total population of the Census tract divided by the number of square miles in the tract) and apply that density figure to the number of square miles within your circle."*

FED_LAND: Federal Lands

Source: USGS

Telephone: 888-275-8747

Federal lands data. Includes data from several Federal land management agencies, including Fish and Wildlife Service, Bureau of Land Management, National Park Service, and Forest Service. Includes National Parks, Forests, Monuments; Wildlife Sanctuaries, Preserves, Refuges; Federal Wilderness Areas.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GNIS Hospitals: Geographic Names Information System

Source: USGS

Telephone: 888-275-8747

The Geographic Names Information System (GNIS), developed by the USGS in cooperation with the U.S. Board on Geographic Names (BGN), contains information about almost 2 million physical and cultural geographic features in the United States. The GNIS is our Nation's official repository of domestic geographic names information.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Colleges - Integrated Postsecondary Education Data

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on integrated postsecondary education in the United States.

GNIS Schools: Geographic Names Information System

Source: USGS

Telephone: 888-275-8747

The Geographic Names Information System (GNIS), developed by the USGS in cooperation with the U.S. Board on Geographic Names (BGN), contains information about almost 2 million physical and cultural geographic features in the United States. The GNIS is our Nation's official repository of domestic geographic names information.

RECORDS SEARCHED/DATA CURRENCY TRACKING

Arenas

Source: Dunhill International

EDR indicates the location of buildings and facilities - arenas - where individuals who are public receptors are likely to be located.

Prisons: Bureau of Prisons Facilities

Source: Federal Bureau of Prisons

Telephone: 202-307-3198

List of facilities operated by the Federal Bureau of Prisons.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

STREET AND ADDRESS INFORMATION

(c) 2007 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.