

**NAS NORTH ISLAND - NAVY REGION SOUTHWEST
NAVY ENVIRONMENTAL LEADERSHIP PROGRAM**

COMPLIANCE

ENVIROCOM AIR EMISSIONS TRACKING SYSTEM

LEAD ACTIVITY

Naval Aviation Depot (NADEP) North Island

STATUS

Complete

MISSION

Create a tool to assist with environmental planning and air quality compliance

REQUIREMENT

Both the Federal and California Clean Air Acts include requirements for tracking and reporting air emissions. Due to the numerous and varied air emission sources at NADEP, a database system is required to satisfy these requirements.

DESCRIPTION

The NADEP, Naval Air Station (NAS) North Island, Naval Amphibious Base (NAB) Coronado, and Naval Auxiliary Landing Field (NALF) San Clemente Island are currently using the EnviroCom air emissions tracking system. EnviroCom is a user-friendly software package that maintains a database of emissions information and can be used to produce required emission inventory reports. Emissions data fields in the EnviroCom software package include process rates, operating schedules, emission formula variables specific to the source, emission factors, and other information used to calculate emissions. The program creates emissions inventories for both criteria and toxic pollutants. Inventories are required annually by the San Diego Air Pollution Control District (APCD) for criteria pollutant emissions and every four years for toxic air emissions. The toxics inventory data can be used to calculate health risk assessments associated with air emissions.

BENEFITS

- NADEP could save an estimated \$250,000 annually by completing emissions inventories in-house using the EnviroCom system

ACCOMPLISHMENTS/CURRENT STATUS

Date	Activity
MAR 1994	NADEP's air emissions tracking system was completed in-house
OCT 1994	Programmer was contracted to automate the system in a user-friendly package called EnviroCom, based on FoxPro
JAN 1996	Installation and automation of EnviroCom system was completed

JAN 1996	Implementation of EnviroCom system
JUN 1996	The system was evaluated for exporting to other bases; a copy was given to the NAS North Island Public Works Center
MAR 1997	Developed new module to automatically generate emissions inventory submittals in San Diego APCD format
JAN 1999	Upgraded system to Microsoft® Access Platform

FUTURE PLAN OF ACTION & MILESTONES

Not Applicable

COLLABORATION/TECHNOLOGY TRANSFER

NADEP and NAS North Island worked together to develop this system. Based on the success of the EnviroCom system at NADEP North Island, other Navy activities within the Coronado Complex (including NAS North Island, NAB Coronado, and NALF San Clemente Island) are now using the system.

BIBLIOGRAPHY

- NADEP North Island. Air Pollution Abatement Program Management Plan. December 23, 1993.

RELATED GOVERNMENT INTERNET SITES

[EPA Clearinghouse for Inventories and Emissions Factors \(CHIEF\)](#)

RELATED NAVY GUIDEBOOK REQUIREMENTS

- 01033 Prepare/Update Air Emissions Inventories for Criteria Pollutants and Hazardous Air Pollutants
- 01006 California AB2588 Program Requirements; Update Air Toxics Emissions Inventory Reports (ATEIR), Health Risk Assignment (HRA), Public Notification Plan (PNP), Risk Reduction Audit and Plan (RRAP), Air Toxics "Hot Spots" Program Annual Fees

UPDATED: 01/23/02