DCN 917

Installation Environmental Profile
Naval Air Station North Island, CA

1. **Air Quality (DoD Question #210-225)**:
   a. The Clean Air Act (CAA) establishes health-based standards for air quality and all areas of the country are monitored to determine if they meet the standards. A major limiting factor is whether the installation is in an area designated nonattainment or maintenance (air quality is not meeting the standard) and is therefore subject to more stringent requirements, including the CAA General Conformity Rule. Conformity requires that any new emissions from military sources brought into the area must be offset by credits or accounted for in the State Implementation Plan (SIP) emissions budget. The criteria pollutants of concern include: CO, O3 (1 hour & 8 Hour), and PM (PM10, and PM2.5). Installations in attainment areas are not restricted, while activities for installations in non-attainment areas may be restricted. Non-attainment areas are classified as to the degree of non-attainment: Marginal, Moderate, Serious, and in the case of O3, Severe and Extreme. SIP Growth Allowances and Emission Reduction Credits are tools that can be used to accommodate increased emissions in a manner that conforms to a state's SIP. All areas of the country require operating permits if emissions from stationary sources exceed certain threshold amounts. Major sources already exceed the amount and are subject to permit requirements. Synthetic minor means the base has accepted legal limits to its emissions to stay under the major source threshold. Natural or true minor means the actual and potential emissions are below the threshold.

   b. Naval Air Station North Island, CA is not in Attainment for all Criteria Pollutants. It is in Maintenance for Ozone (1 hr). It holds a CAA Major Operating Permit. Emission credit programs may be available. A SIP growth allowance has been allocated for this installation. Naval Air Station North Island, CA is in an area projected or proposed to be designated nonattainment for the 8-hour Ozone or the PM2.5 NAAQS.

2. **Cultural/Archeological/Tribal Resources (DoD Question #229-237)**:
   a. Many installations have historical, archeological, cultural and Tribal sites of interest. These sites and access to them often must be maintained, or consultation is typically required before changes can be made. The sites and any buffers surrounding them may reduce the quantity or quality of land or airspace available for training and maneuvers or even construction of new facilities. The presence of such sites needs to be recognized, but the fact that restrictions actually occur is the overriding factor the data call is trying to identify. A programmatic agreement with the State Historic Preservation Office (SHPO) facilitates management of these sites.

   b. Historic property has been identified on Naval Air Station North Island, CA. There is a programmatic agreement for historic property in place with the SHPO. It has sites with high archeological potential identified, which do not restrict current construction and do not restrict current operations.The installation has potential archeological restrictions to future construction.

3. **Dredging (DoD Question # 226-228)**:
   a. Dredging allows for free navigation of vessels through ports, channels, and rivers. Identification of sites with remaining capacity for the proper disposal of dredge spoil is the primary focus of the profile. However, the presence of unexploded ordnance or any other impediment that restricts the ability to dredge is also a consideration.

   b. Naval Air Station North Island, CA has no impediments to dredging.

4. **Land Use Constraints/Sensitive Resource Areas (DoD Question #198-201, 238, 240-247, 254-256, 273)**:

   a. Land use can be encroached from both internal and external pressures. This resource area combines several different types of possible constraints. It captures the variety of constraints not otherwise covered by other areas that could restrict operations or development. The areas include electromagnetic radiation or emissions, environmental restoration sites (on and off installation), military munitions response areas, explosive safety quantity distance arcs, treaties, underground storage tanks, sensitive resource areas, as well as policies, rules, regulations, and activities of other federal, state, tribal and local agencies. This area also captures other constraining factors from animals and wildlife that are not endangered but cause operational restrictions. This resource area specifically includes information on known environmental restoration costs through FY03 and the projected cost-to-complete the restoration.

   b. Naval Air Station North Island, CA reports that 5 unconstrained acres are available for development out of 2842 total acres. Naval Air Station North Island, CA has spent $102.7M thru FY03 for environmental restoration, and has estimated the remaining the Cost to Complete at $90M. It has operations restricted by electromagnetic radiation interference. It reports no constraints. Naval Air Station North Island, CA has Explosive Safety Quantity Distance Arcs, some of which require safety waivers, and none with the potential for expansion.

5. **Marine Mammal/Marine Resources/Marine Sanctuaries (DoD Question #248-250, 252-253)**:

   a. This area captures the extent of any restrictions on near shore or open water testing, training or operations as a result of laws protecting Marine Mammals, Essential Fish Habitat, and other related marine resources.

   b. Naval Air Station North Island, CA is impacted by laws and regulations pertaining to Marine Mammal Protection Act, Essential Fish Habitats & Fisheries and Marine Sanctuaries, which may adversely restrict navigation and operations.

6. **Noise (DoD Question # 202-209, 239)**:

   a. Military operations, particularly aircraft operations and weapons firing, may generate noise that can impact property outside of the installation. Installations with significant noise will typically generate maps that predict noise levels. These maps are then used to identify whether the noise levels are compatible with land uses in these noise-impacted areas. Installations will often publish noise abatement procedures to mitigate these noise impacts.

   b. Naval Air Station North Island, CA has noise contours that extend off the installation's property. Of the 231 acres that extend to off-base property, 26 acres have incompatible land uses. It has published noise abatement procedures for the main installation. It has noise contours that extend off of auxiliary airfield property. Of the 598 acres that extend to off-auxiliary field property, 192 acres have incompatible land uses. It has published noise abatement procedures for the auxiliary airfield.

7. **Threatened and Endangered Species/Critical Habitat (DoD Question #259-264)**
   a. The presence of threatened and endangered species (TES) can result in restrictions on training, testing and operations. They serve to reduce buildable acres and maneuver space. The data in this section reflects listed TES as well as candidate species, designated critical habitat as well as proposed habitat, and restrictions from Biological Opinions. The legally binding conditions in Biological Opinions are designed to protect TES, and critical habitat. The data call seeks to identify the presence of the resource, TES, candidate or critical habitat, even if they don't result in restrictions, as well places where restrictions do exist.

   b. Naval Air Station North Island, CA reported that federally-listed TES are present that have delayed or diverted operations/training/testing, candidate species are not present, critical habitat is not present, and that Naval Air Station North Island, CA has a Biological Opinion that places restrictions on operations.

8. **Waste Management (DoD Question # 265-272)**:
   a. This resource area identifies whether the installation has existing waste treatment and/or disposal capabilities, whether there is additional capacity, and in some case whether the waste facility can accept off-site waste. This area includes Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal facilities, solid waste disposal facilities, RCRA Subpart X (open/burning/open detonation) and operations.

   b. Naval Air Station North Island, CA has a permitted RCRA Treatment Storage and Disposal Facility (TSDF) that accepts off-site waste. Naval Air Station North Island, CA does not have an interim or final RCRA Part X facility . Naval Air Station North Island, CA does not have an on-base solid waste disposal facility .

9. **Water Resources (DoD Question # 258, 274-299)**:
   a. This resource area asks about the condition of ground and surface water, and the legal status of water rights. Water is essential for installation operations and plays a vital role in the proper functioning of the surrounding ecosystems. Contamination of ground or surface waters can result in restrictions on training and operations and require funding to study and remediate. Federal clean water laws require states to identify impaired waters and to restrict the discharge of certain pollutants into those waters. Federal safe drinking water laws can require alternative sources of water and restrict activities above groundwater supplies particularly sole source aquifers. Water resources are also affected by the McCarran Amendment (1952), where Congress returned substantial power to the states with respect to the management of water. The amendment requires that the Federal government waive its sovereign immunity in cases involving the general adjudication of water rights. On the other hand existence of Federal Reserve Water Rights can provide more ability to the government to use water on federal lands.

   b. Naval Air Station North Island, CA does not discharge to an impaired waterway. Groundwater contamination is reported. Surface water contamination is not reported.

10. **Wetlands (DoD Question # 251, 257)**:
   a. The existence of jurisdictional wetlands poses restraints on the use of land for training, testing or operations. In the data call the installations were asked to report the presence of jurisdictional wetlands and compare the percent of restricted acres to the total acres. The presence of jurisdictional wetlands may reduce the ability of an installation to assume new or different missions, even if they do not presently pose restrictions, by limiting the availability of land.

b. Naval Air Station North Island, CA has no wetland restricted acres on the military installation.

TENANTS
COMNAVAIRSYSCOM_PATUXENT_RIVER_MD_SITE_NAVAIRSEFAC_NORTH_ISLAND_CA
NAVPACMETOCCEN SAN DIEGO CA
COMNAVAIRFOR SAN DIEGO CA
NAVAL BASE CORONADO, CA
COMHSLWINGPAC SAN DIEGO CA
FASOTRAGRUPAC SAN DIEGO CA
COMHELTACWINGPAC SAN DIEGO CA
COMHSWINGPAC SAN DIEGO CA
PUGET SOUND NAVAL SHIPYARD AND INTERMEDIATE MAINTENANCE FACILITY DETACHMENT NORTH ISLAND
FLTIMAGCOMPAC
NAVAIRES SAN DIEGO, CA
NADEP NORTH ISLAND, CA
FACSFAC SAN DIEGO CA
NAVAL AIR STATION NORTH ISLAND CA
NATEC, SAN DIEGO, CA
FISC_SAN_DIEGO_CORONADO_SITE
NAVSECGRUACT SAN DIEGO CA
NAMTRAU NORTH ISLAND, CA
COMSEACONWINGPAC SAN DIEGO CA