# Sustainability Enhancement Marine Corps Air Station Camp Pendleton

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Potomac-Hudson Engineering, Inc, 9801 Washingtonian Blvd., Suite #350, Gaithersburg, MD, 20878

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Overview

- MCAS Camp Pendleton
- Sustainability, Business, and the Mission
- Sustainability Assessment Approach and Results
  - Site Visit
  - Gap Analysis
  - Implementation Plan
- Project Lessons Learned
MCAS Camp Pendleton

- **Mission**: maintain facilities and property, provide support services, and operate the airfield supporting I MEF and other forces training/preparing for combat.
- Fixed and rotary wing aircraft
- Occupies ~410 acres within MCB Camp Pendleton
- Autonomous from MCB, with some shared programs and resources
Partial org chart showing functions critical to sustainability planning and implementation.
MCAS Sustainability Partners

- MCI West
- MCB Camp Pendleton
- RCO SW
- NAVFAC SW
- CMSC ServMart
- Vendors, Suppliers, Contractors
Sustainability: Smart Mission, Smart Business

Risk and Cost
At Tip Of Spear

Energy Supply and Volatility

Training and Support Infrastructure

Economic, Environmental, Political Multipliers
FY10 SSPP Focus Areas

1. Energy Management
2. Water Resource Management
3. GHG Emissions
4. Solid Waste Management
5. Chemicals of Environmental Concern
6. Sustainable Acquisition
7. High Performance Sustainable Buildings
8. EMS and Sustainable Management
Sustainability Assessment Project

**Purpose:**
- Assess current MCAS sustainability programs and their ability to meet emerging sustainability requirements
- Recommend improvements and strategy to enhance sustainable practices and ensure meeting SSPP goals

**Project Elements:**
- Train the trainers/CO awareness
- Gap analysis against SSPP
  - Document review
  - Onsite interviews
- Implementation plan/strategy
Interviews

- Environmental Officer
- NEPA Program Manager
- GPP Manager
- HCP Manager
- CETEP/EMS Manager
- PWO/APWO
- PWD Planners/Project Managers
- Facilities Manager
- Maintenance Contract PAR
- Command Information Officer
- Fuels Officer
- Resource Efficiency Manager (REM)
- MCI West Energy Manager
- NFESC
- MCB FMD (water, energy) Managers
- MCB REM
- MCB Environmental (SW, EPCRA, P2/HW, QRP) Managers
- RCO SW Contracts Specialist
- CMSC ServMart Managers
- MCI West Sustainability Officer
- NAVFAC SW Design Manager
Gap Analysis Results

- Assessment of how well current MCAS programs and initiatives meet SSPP goals and sub-goals
- Detailed findings and recommendations by focus area, basis for Implementation Plan
- General results:
  - Sustainability focus incorporated into successful NEPA process
  - Essential, basic coordination with NAVFAC, MCB in place
  - Significant ad-hoc implementation of sustainability initiatives across SSPP focus areas
  - Need for cohesive, Station-wide approach under central programmatic initiative
Implementation Plan - Strategy

- Highlights:
  - Leadership commitment
  - Establish responsibilities, priorities, and procedures
  - EMS-like plan-do-check-act framework
  - Leverage effective NEPA Program (short term)
  - Multi-functional approach; not necessarily environmental lead
  - Coordination with Federal and private partners
  - Long-term – sustainability management system
**Leadership Intent**
1. Command Support and Policy
   * Designate Sustainability Coordinator and Team, Develop Team Charter

**Planning**
2. Team Training
3. Monitor Requirements
4. Establish Priority Initiatives
5. Establish POA&Ms
   * Develop Planning Phase Procedures Including 360° Review Procedure and MCAS Instruction

**Review and Improvement**
14. Management Review
15. System Improvement
   * Develop Review Procedure

**Implementation**
6. Fiscal Planning and Programming
7. Execute POA&Ms
8. Station-wide Training Program
9. Maintain Documents and Records
   * Develop Baseline SSPP Data
   * Develop Implementation Phase Procedures

**Checking/Correcting**
10. Conduct Audits and Corrective Actions
11. Measure Progress against Internal Priorities
12. System Review
13. Annual DoD/HQMC Reporting
   * Develop Checking Procedures
Implementation Plan – Specific Recommendations (Examples)

- Establish a Sustainability Team to champion sustainability initiatives.
- Conduct Energy Audit to identify/develop high quality energy opportunities.
- Develop/implement comprehensive water metering program.
- Develop/implement comprehensive GHG emissions reduction plan.
- With contracting offices, ensure construction contracts require 60% C&D waste diversion. Enforce.
- Establish GPP Team. Develop MCAS GPP Instruction with all Departments that have a key role in the GPP.
- Continue to track contracts and major purchases through NEPA Program; establish process to ensure rigorous multi-function review of all planned contracts and major purchases.
- Apply EMS performance improvement process to promote meeting SSPP and EO goals through formal sustainability-focused objectives and targets and POA&Ms.
Many sustainability initiatives already in place (long-standing requirements) at MCAS Camp Pendleton.

Sustainability a multi-functional initiative
- Extensive coordination required for planning and implementation
- Address potential competing organizational priorities

“Green” does not necessarily mean environmental lead

Essentials:
- Strong leadership commitment
- Close coordination internally and with partner organizations

Requirements framework evolving rapidly
EMS structure provides natural framework for implementation
QUESTIONS?

Further information:

Major Bart Battista
Environmental Officer
MCAS Camp Pendleton
760-725-8584
bart.battista@usmc.mil

Mr. Chris Fafard
Potomac-Hudson Engineering, Inc.
301-907-9078x3021
chrisf@phe.com

Judy Timberlake
Potomac-Hudson Engineering, Inc.
301-907-9078x3084
Judy.timberlake@phe.com