

COMMUNITY INVOLVEMENT PLAN

Marine Corps Base Camp Pendleton
Installation Restoration Program
Camp Pendleton, California



Marine Corps Base Camp Pendleton
Camp Pendleton, CA 92055



July 9, 2010

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Prepared for:



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Marine Corps Base Camp Pendleton

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Executive Summary

This Community Involvement Plan was developed for the Installation Restoration Program at Marine Corps Base (MCB) Camp Pendleton in San Diego County, California. It is in compliance with federal and state guidelines and requirements, in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, amended by the Superfund Amendment and Reauthorization Act (SARA) of 1986. Barrett Resource Group (BRG) prepared this document on behalf of MCB Camp Pendleton. This document is an update to the Community Involvement Plan for the base issued in November 2006 by BRG.

This plan discusses community members' feedback regarding environmental cleanup activities on MCB Camp Pendleton; describes the ways in which the Marine Corps will provide information to residents and interested groups; and outlines methods for the public to raise issues and concerns to the Marine Corps. This plan also provides background data on the Base itself, environmental cleanup activities, and the regulatory requirements for those activities. It presents an overview of the greater Camp Pendleton community, and a summary of the community interviews conducted during November and December of 2009. In addition, it offers community relations strategies for the Marine Corps to improve communications with the surrounding community.

The community interview process provided the Marine Corps with important information on community perspectives, past outreach efforts, and the breadth and depth of knowledge that base neighbors have about environmental cleanup activities on MCB Camp Pendleton. Analysis of the current community interview data, coupled with review of the 2006 Community Involvement Plan, resulted in an understanding that the Marine Corps, Installation Restoration Program representatives, and regulatory officials have been meeting the outreach needs of the community.

Participants reported limited knowledge about the cleanup activities on MCB Camp Pendleton, however no concern was expressed. Community members reported interest in periodic program updates on remedial activities on base, as well as the effects that cleanup would have on biological and ecological resources. In accordance with

feedback received during the current community interview process, the Marine Corps will continue to provide enhanced community outreach through the implementation of the community involvement program as outlined in this plan.

Three primary objectives will support the goals of the program.

Goal #1: Increase interested community members' awareness of IR Program within the MCB Camp Pendleton community

Objective #1: Enhance community members' knowledge of environmental cleanup initiatives on base

- Activities:**
- Update the IR Program web pages with current IR Site status
 - Notify interested community members of website updates

Goal #2: Develop effective communication strategies with the public regarding program-related updates

Objective #2: Enhance communications with the public regarding environmental cleanup activities and possible effects on the environment

- Activities:**
- Update the IR Program web pages with current IR Site status
 - Provide relevant data on the effects that cleanup activities may have on biological and ecological resources
 - Publish informational documents as necessary to educate the public about the remediation process, MCB Camp Pendleton IR Program status, and health and safety measures that the Marine Corps and regulators are taking to ensure the well-being of community members

Goal #3: Involve the public at critical points in the remediation process

Objective #3: Engage the community in the cleanup process

- Activities:**
- Continue to develop and distribute informational fact sheets on cleanup activities
 - Continue to hold Technical Review Committee and community meetings at appropriate points in the remediation process
 - Continue to publicize the availability of the community information repositories
 - Continue to use media resources to inform the public of upcoming activities or public comment periods

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Acronyms

AM	Action Memo
AR	Administrative Record
BRG	Barrett Resource Group
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CGI	CGI Consultants
CIP	Community Involvement Plan
CLD	Civilian Leadership Development
COC	Contaminants of Concern
CP&LO	Community Plans and Liaison Office
CPF&E	Camp Pendleton Fire & Emergency
CREDO	Chaplain's Religious Enrichment Development Operation
CS	Counseling Services
CSACC	Consolidated Substance Abuse Counseling Center
CYTP	Children, Youth and Teen Programs
DCE	Dichloroethane
DCN	Document Control Number
DD	Decision Document
DERP	Defense Environmental Restoration Program
DoD	Department of Defense
DON	United States Department of the Navy
DPDO	Defense Property Disposal Office
DRMO	Defense Reutilization and Marketing Office
DTSC	Department of Toxic Substances Control
EE/CA	Engineering Evaluation/Cost Analysis
EPA	Environmental Protection Agency
ER	Environmental Restoration
FFA	Federal Facilities Agreement

FS	Feasibility Study
FSSG	Force Service Support Group
FTBCS	Family Team Building and Community Support
FUESD	Fallbrook Union Elementary School District
GW	Groundwater
HAZCOM	Hazardous Communications
IAS	Initial Assessment Study
IR	Installation Restoration
IRP	Installation Restoration Program
ITT	Information Tickets and Tours Office
JEC	Joint Education Center
K-5	Kindergarten through Fifth Grade
K-6	Kindergarten through Sixth Grade
K-8	Kindergarten through Eighth Grade
KVN	Key Volunteer Network
LINKS	Lifestyle Insights, Networking, Knowledge and Skills
LL	Lifelong Learning
LTMgt	Long-term Management
M&FS	Marine and Family Services
MCB	Marine Corps Base
MCB CP	Marine Corps Base Camp Pendleton
MCCS	Marine Corps Community Services
MCFTB	Marine Corps Family Team Building
MRP	Munitions Response Program
NAVFAC SW	Naval Facilities Engineering Command Southwest
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NEESA	Naval Energy and Environmental Support Activity
NFA	No Further Action

NFECSW	Naval Facilities Engineering Command, Southwest Division
NPL	National Priorities Listing
OSHA	Occupational Safety and Health Act
OU	Operable Unit
OUSD	Oceanside Unified School District
PA	Preliminary Assessment
PCE	Perchloroethylene
PMO	Provost Marshall's Office
PP	Proposed Plan
PPV	Public Private Venture
PREP	Prevention Relationship Enhancement Program
RA	Removal Action
RAB	Restoration Advisory Board
RA-C	Remedial Action Construction
RA-O	Remedial Action Operation
RAP	Remedial Action Plan
RC	Response Complete
RCRA	Resource Conservation and Recovery Act
RD	Remedial Design
RG	Remediation Goal(s)
RI	Remedial Investigation
RIP	Remedy-in-Place
ROD	Record Of Decision
RWQCB	Regional Water Quality Control Board
SANDAG	San Diego Association of Governments
SARA	Superfund Amendments and Reauthorization Act
SC	Site Closure
SDSU	San Diego State University

SI	Site Inspection
SL	School Liaison
SLS	Spouse's Learning Series
SMP	Site Management Plan
SVOC	Semi- Volatile Organic Compounds
TAPP	Technical Assistance for Public Participation
TASC	Technical Assistance Services for Communities
TCE	Trichloroethylene
TRC	Technical Review Committee
US EPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOC	Volatile Organic Compounds

Glossary

The terms listed below are found in various places in this Community Involvement Plan. These terms have been included in this section for clarification of environmental cleanup processes and regulations. These are for informational purposes only and are not intended to be technical definitions.

Administrative Record (AR)	A collection of information established for all CERCLA sites made available to the public at the start of the Remedial Investigation (RI) for remedial actions, or at the time of Engineering Evaluation/Cost Analysis (EE/CA) for removal actions. Information in the Administrative Record supports the selected solution for remedial actions and removal actions.
Characterization	Characterization provides the basis for gathering the necessary technical information to develop, screen, analyze, and select appropriate cleanup techniques.
Clean Up	Actions taken to deal with a release or threat of release of a hazardous substance that could affect humans and/or the environment. The noun "cleanup" is sometimes used interchangeably with the terms remedial action, removal action, response action, or corrective action.
Cleanup Level	The remaining concentration of a hazardous that is determined to be protective of human health and the environment under specific conditions of contact.
Closure	The regulatory process of deactivating, stabilizing and/or decontaminating waste management units or facilities under the Resource Conservation and Recovery Act (RCRA).
Community Environmental Response Facilitation Act of 1992 (CERFA)	This law amends CERCLA and requires that the federal government identify property, including land and improvements such as buildings, which is not contaminated, and that offers the greatest opportunity for prompt reuse and redevelopment by the community on each facility.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)	A Federal law in 1980 and updated in 1986 by the Superfund Amendment and Reauthorization Act (SARA) that establishes a complete, legal framework for identifying, investigating, and cleaning up releases of hazardous substances to the environment. On behalf of the President, the Secretary of Defense implements investigation and cleanup measures in discussions with the Environmental Protection Agency (EPA).
Contaminant	Any physical, chemical, biological, or radiological substance or matter that has an adverse affect on air, water, or soil, or that may present an imminent and substantial danger to public health or welfare.
Contamination	The presence of a minor ingredient in another chemical or mixture, often at the trace level.
Defense Environmental Restoration Program (DERP)	Formally established by Congress to provide centralized management for the cleanup of Department of Defense (DOD) hazardous waste sites consistent with the provisions of CERCLA as amended by SARA, the NCP, and Executive Order (E.O.) 12580.
Disposal	Final placement or destruction of wastes containing hazardous materials from removal actions or accidental releases.
Engineering Evaluation/Cost Analysis (EE/CA)	The development and evaluation of potential cleanup alternatives that compares costs associated with each alternative. The EE/CA usually also recommends the most favorable choice.
Environment	The sum of all external conditions affecting the life, development and survival of a living being.
Environmental Protection Agency (EPA)	Established in 1970 by Presidential Executive Order, bringing together parts of various government agencies involved with control of pollution.
Environmental Restoration (ER)	Clean up and restoration of sites contaminated with hazardous substances during past production or disposal activities.
Environmental Risk	The potential or likelihood of injury, disease, or death resulting from human exposure to a potential environmental threat.
Facility	An object or location which facilitates something; a place for doing something.

Feasibility Study (FS)	Develops and evaluates potential cleanup alternatives for a particular site. The FS also usually recommends the selection of the most favorable choice.
Federal Facilities Agreement (FFA)	An FFA is a legally binding document that outlines the schedule for completing the investigation and clean up of sites on a base.
Groundwater (GW)	The supply of fresh water found beneath the Earth's surface.
Hazardous Waste	By-products of society that can pose a substantial or potential hazard to human health or the environment when improperly managed.
Innovative Treatment Technologies	Newly invented processes that have been tested and used as treatments for hazardous waste or other contaminated materials.
Installation	The property owned, formerly owned, or leased by the Navy, including a main base and any associated contiguous properties identified by the same property number.
Installation Restoration Program (IR, IRP)	Established in 1984 to help identify, investigate, and clean up contamination on Department of Defense (DOD) properties; conducted with the help of CERCLA of 1980 and SARA of 1986; the DOD equivalent to the EPA Superfund program.
Long-Term Monitoring (LTM)	Monitoring to ensure that a site no longer poses a long-term hazard to human health or the environment.
National Priorities List (NPL)	The list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. CERCLA established the National Priorities List (NPL) to guide the Environmental Protection Agency (EPA) in determining which sites need further study.
Natural Resource	Natural resources are results of the environment and exist relatively undisturbed by mankind, in a natural form. These include both living (e.g. plants and animals) and non-living (e.g. air, water, and land) things.
No Further Action (NFA)	A site that does not present a significant threat to public health or the environment.
Operable Unit (OU)	A group of one or more cleanup sites. Often the sites within the operable unit have similar characteristics, such as contaminants, industrial processes, or location.

Preliminary Assessment (PA)	A step in the Installation Restoration (IR) process that determines what areas of an installation have the potential for environmental contamination. Existing historical records, past procedures and other relevant data are reviewed, in addition to interviews with current and former base personnel. A list is prepared with individual sites and recommendations for either more detailed inspections or no further action.
Prevention	Measures taken to minimize the release of wastes to the environment.
Proposed Plan (PP)	The plan for a site cleanup, normally based on recommendations from the feasibility study, and available to the public for comment.
Public	Citizens directly affected by a site, other interested citizens or parties, organized groups, elected officials, and potentially responsible parties.
Public Notice	An announcement to the public of Environmental Protection Agency (EPA) actions such as the issuance of a draft permit or scheduling of a meeting.
Record of Decision (ROD)	The documentation of the final remedial action for site cleanup. The ROD is based on information and technical analysis generated during the remedial investigation/feasibility study and consideration of public comments and community concerns.
Remedial Action (RA)	Involves the construction, operation, and implementation of the final cleanup remedy until confirmation that cleanup goals have been reached.
Remedial Action Process	Used as the standard method of environmental remediation at CERCLA sites.
Remedial Design (RD)	Involves the development of the actual design of the selected cleanup solution, including preparation of all technical drawings, plans and specifications needed to perform the cleanup action.
Remedial Investigation (RI)	Characterizes the nature and amount of contamination at a hazardous waste site and estimates risks to human health and the environment posed by contaminants at the site. Depending on the type of contamination, the RI will recommend either a Remedial Action or a Removal Action.

Remedial Project Manager (RPM)	The Navy's primary point of contact involved in the cleanup of Installation Restoration (IR) sites, including coordinating, directing, and reviewing the work of other agencies, responsible parties, and contractors to ensure compliance with appropriate regulatory requirements.
Remediation	Clean up or other methods used to remove or contain a toxic spill or hazardous materials from a Superfund site.
Remediation Goal (RG)	The acceptable level of a chemical to protect human health and the environment.
Remedy in Place (RIP)	Indicates that a final remedial action has been made, used, and is operating according to the Remedial Design (RD).
Removal Action	Involves the construction, operation, and implementation of the final cleanup remedy until confirmation that cleanup goals have been reached.
Removal Action Process (non-time critical)	Used when an expedited cleanup is determined to be in the best interests of the government and the surrounding community.
Resource Conservation and Recovery Act (RCRA)	A federal law that requires the establishment of a management system for hazardous waste, non-hazardous solid waste, and underground storage tanks . It also provides responsibility for cleanup of pre-RCRA hazardous waste management units and non-hazardous solid waste management units.
Restoration Advisory Board (RAB)	An advisory group for the restoration process with members from the public, the Navy, and the regulatory agencies. The purpose of the RAB is to gain effective input from stakeholders on cleanup activities and increase responsiveness by the base to the community's environmental restoration concerns.
Risk Assessment	Detailed evaluation of the risk posed to human health and/or the environment by the actual or potential presence and/or use of specific pollutants.
Site	A discrete area where suspected contamination has been verified, requiring further response action.
Site Closeout (SC)	The final step for Installation Restoration (IR) sites. This is reached when no further cleanup actions are necessary, as agreed by the regulatory agencies.

Site Inspection (SI)	The first physical inspection of a site that is used to determine whether a site actually contains contamination. If no significant contamination is found, the site is recommended for No Further Action (NFA). Otherwise, the site is recommended for a Remedial Investigation (RI).
Superfund	The program operated under the governmental authority of CERCLA and SARA that funds and carries out Environmental Protection Agency (EPA) solid waste emergency and long-term removal and remedial activities.
Superfund Amendments and Reauthorization Act of 1986 (SARA)	Laws that updated CERCLA to include, among other changes and additions, increased information to the public and more public participation in environmental cleanup processes.
Technical Review Committee (TRC)	A group of technically aware people responsible for reviewing technical reports and data for a site. This group is established after a release or threat of a release has been confirmed on a base, normally at the end of a Preliminary Assessment or Site Investigation. Members of the TRC include, but not be limited to, a representative from the base, the EPA, appropriate state and local authorities, and a public representative of the community involved. The TRC is not an advisory group and it is not a decision-making body.
Underground Storage Tank (UST)	All tanks and attached piping containing regulated substances in which 10% or more of the tank volume (including piping) is beneath the surface of the ground.

1.0 INTRODUCTION AND BACKGROUND

Located 38 miles north of downtown San Diego, Marine Corps Base (MCB) Camp Pendleton is situated between the cities of Los Angeles and San Diego, California. The base lies primarily in northern San Diego County, with approximately 125 acres extending into southern Orange County. It is bordered on the west by the Pacific Ocean and encompasses 17 ½ miles of relatively undisturbed coastline. Surrounding communities include Oceanside to the south, Fallbrook to the east and San Clemente to the northwest. Rolling hills and valleys range inland an average of 10 to 12 miles. MCB Camp Pendleton occupies approximately 125,000 acres of land and is the Marine Corps' primary amphibious training center. The base's coastline represents the largest undeveloped portion of coastal area left in Southern California, providing an important natural wetlands habitat and wildlife refuge for numerous rare and endangered species.

MCB Camp Pendleton was established in 1942 for the purpose of providing training facilities, logistical support, and administrative support to Fleet Marine Force Units. President Franklin D. Roosevelt dedicated the Base in September 1942, named in honor of World War I hero, Marine Major General Joseph H. Pendleton. It was designated as a permanent Base in October 1944. Today, it is home to the First Marine Expeditionary Force, 1st Marine Division, 1st Marine Logistics Group, and numerous tenant units. In addition, the Marine Corps Air Station at Camp Pendleton is housed on the property, supporting the helicopters and fixed-winged aircraft of Marine Air Group 39 and Marine Corps Tactical Systems Support Activity (MCTSSA). The coastal and mountain terrain support a variety of military training. Fleet Marine Force units use Camp Pendleton's ranges and training areas to maintain combat readiness. ([MCB CP, 2009](#))

For more than 65 years, MCB Camp Pendleton has been the largest employer in North San Diego County. The base has an active duty population in excess of 42,000, a civilian workforce of nearly 4,000 employees, and provides base housing to more than 38,000 military family members resulting in a daytime base population exceeding more than 70,000. ([MCP CP, 2009](#)) More than 47,000 active-duty and reserve Marines, Army, and Navy personnel train at Camp Pendleton every year, as well as representatives from national, state and local agencies. In addition, over 77,000 active duty, retired, and military reserve personnel, family members, and civilian community members look to the Base for employment opportunities, training, and support facilities and services. In order to support the population of the base, MCB Camp Pendleton hosts a self-sustaining water supply, sewage treatment plants, telephone, electrical systems, and landfills.

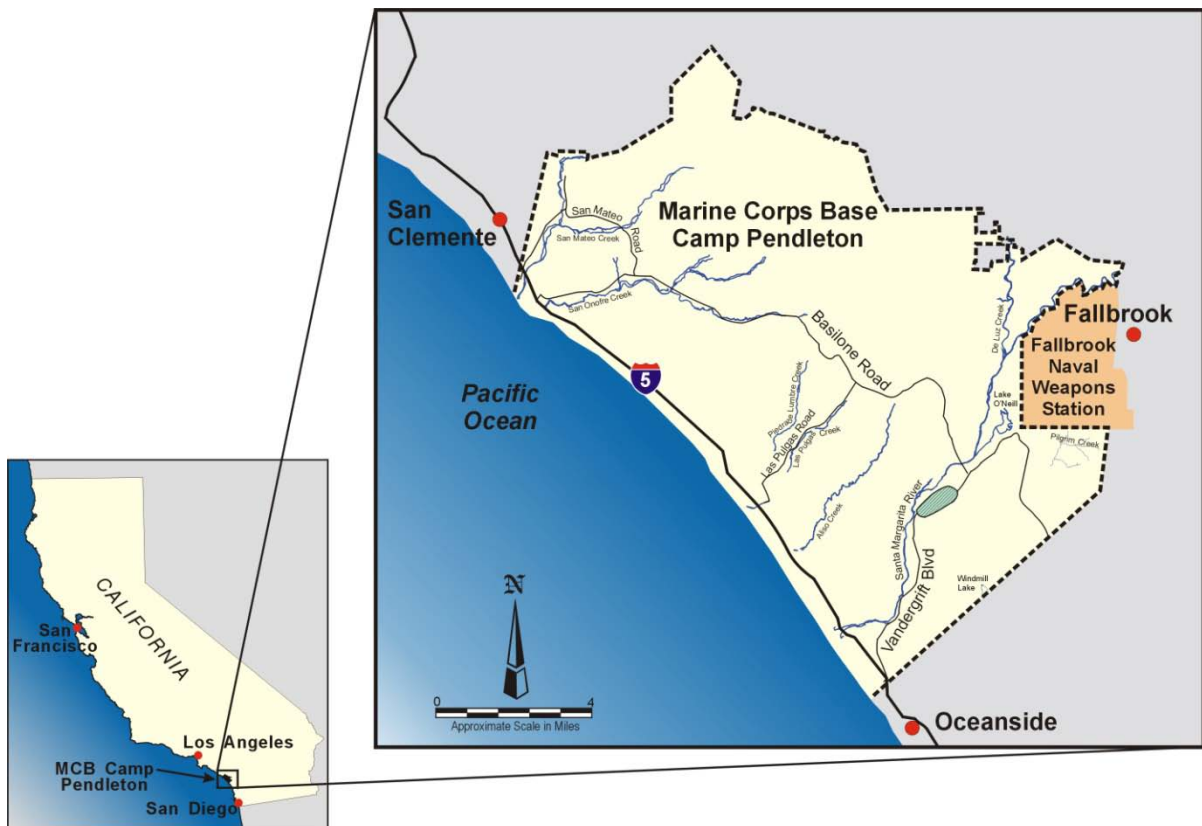


Figure 1-1: MCB CP Location Map

In 1990, the [Department of the Navy \(DON\)](#), [Marine Corps](#), and regulatory agencies entered into a Federal Facilities Agreement (FFA) for MCB Camp Pendleton. The FFA is a legally binding document that outlines the schedule for completing the investigation and clean up of sites at the Base. Parties to the FFA included the [United States Environmental Protection Agency \(EPA\)](#), [California Department of Toxic Substances Control \(DTSC\)](#), [California Regional Water Quality Control Board \(RWQCB\)](#), and the [Department of the Navy \(DON\)](#). The FFA specifies the working relationships among the Navy and each agency.

The parties to the FFA initially assigned the 74 identified Installation Restoration (IR) Sites at the base to four groups (Groups A, B, C, and D), based on each site's potential impact to human health and the environment. Those sites that potentially posed the most significant threat were placed into Group A and were investigated first, and those sites with the lowest potential for such impacts were placed into Group D and were investigated last. Subsequently, the IR Sites were divided into Operable Units (OUs) based on similarities, such as types of environmental issues, selected cleanup methods, and/or geographic location. ([Batelle, 2006](#))

There are currently 19 active IR Sites on the Base. An overview of the OUs and the active IR Sites may be found in [Section 3.0](#). [Appendix A](#) contains an inclusive table of all IR Sites, detailing IR Site number, descriptive site name, and status.

This Community Involvement Plan (CIP) addresses community involvement activities in support of the IR Program being conducted at MCB Camp Pendleton and does not include any other environmental programs at MCB Camp Pendleton. The Department of the Navy is the lead agency for the IR Program at MCB Camp Pendleton. [Naval Facilities Engineering Command Southwest \(NAVFAC SW\)](#) manages the cleanup program on the Base in coordination with [MCB Camp Pendleton's Environmental Security, IR Branch](#). In addition to state

and federal regulators, the local community, natural resource groups, and MCB Camp Pendleton's Technical Review Committee (TRC) work with the Marine Corps on the Base's environmental cleanup process.

The following regulatory agencies provide oversight of cleanup activities at MCB Camp Pendleton:

- The [United States Environmental Protection Agency \(EPA\)](#) acts as the lead regulatory agency, and provides oversight for the environmental program at MCB Camp Pendleton.
- The [California Department of Toxic Substances Control \(DTSC\)](#) acts as the lead state agency, supporting the directives set forth by US EPA.
- The [California Regional Water Quality Control Board \(RWQCB\)](#) acts as a support agency to DTSC, responsible for overseeing cleanup issues related to surface and ground waters.

1.1 PURPOSE OF THE COMMUNITY INVOLVEMENT PLAN

The purpose of this CIP (Community Involvement Plan) is to outline methods to promote reciprocal communication amongst MCB Camp Pendleton IR Program representatives, Camp Pendleton personnel, and members of the surrounding communities, and to provide opportunities for meaningful and active involvement by the community in decisions regarding the cleanup process. This plan identifies community concerns regarding environmental cleanup activities on MCB Camp Pendleton; describes the ways in which the Marine Corps will provide information to residents and interested groups; and outlines methods for the public to raise issues and concerns to the Marine Corps. It also summarizes regulatory requirements; provides background information on the Base; and presents overviews for active IR Sites on MCB Camp Pendleton. In addition, it provides an overview of the surrounding community; reviews previous community involvement activities since the 2006 CIP; and summarizes the

recently conducted community interviews, providing the basis for a comprehensive community involvement program for the base's IR Program. This document is an update to the November 2006 CIP for the MCB Camp Pendleton IR Program ([Barrett, 2006](#)).

The Marine Corps has identified the following steps to engage the Camp Pendleton community:

1. Provide information to the public about the IR Program at MCB Camp Pendleton
2. Update community-based, Internet, and electronic resources for improved public access
3. Inform the public of the nature of environmental issues and technologies as related to the MCB Camp Pendleton IR Program
4. Involve the public in decision-making processes that will affect them; inform them of the responses under consideration to remedy environmental issues; and update them on the progress being made in the clean up of IR Sites
5. Engage the TRC (Technical Review Committee) in current and future environmental activities on MCB Camp Pendleton

The Marine Corps will re-evaluate the CIP every three years, with updates as appropriate.

1.2 HOW TO USE THIS DOCUMENT

This plan was prepared in accordance with the community involvement requirements of the Navy, the EPA, and DTSC. It is organized as follows:

- [Section 1.0, Introduction and Background](#), provides an overview of the CIP and explains its purpose and organization.
- [Section 2.0, Regulatory Background and Requirements](#), outlines the federal and state requirements for hazardous waste clean up that guide the MCB Camp Pendleton IR Program.
- [Section 3.0, IR Site Descriptions and Investigations](#), contains an overview of the Base and a summary for active IR Sites at MCB Camp Pendleton.
- [Section 4.0, Community Background and Interviews](#), presents information on the characteristics of the communities that neighbor MCB Camp Pendleton, community interests and concerns, and the results of community interviews.
- [Section 5.0, Community Involvement Program](#), presents the goals and objectives of this plan, approaches to implementing the proposed community involvement program, and supporting activities based upon the information collected.
- [Section 6.0, References](#), is a record of the references used to prepare this plan.

- [Appendix A](#) summarizes the cleanup sites included in the MCB Camp Pendleton IR Program.
- [Appendix B](#) presents information on the Administrative Record (AR) file location, hours of operation, access information, and contact information. In addition, this Appendix contains the location of the community information repositories, and information on how to access IR Program data on the Internet.
- [Appendix C](#) provides a list of the current TRC (Technical Review Committee) members for MCB Camp Pendleton, as well as a distribution list for community members who have expressed an interest in receiving information on the IR Program.
- [Appendix D](#) contains the interview questions and a summary of the responses gathered during the November - December 2009 community interviews.
- [Appendix E](#) presents the November - December 2009 interviewee list and a list of organizations that were either unavailable or declined to be interviewed.
- [Appendix F](#) presents information on area organizations, including environmental groups, community organizations, and groups that may have an interest in the environmental cleanup activities at MCB Camp Pendleton.
- [Appendix G](#) provides contact information for local media, including newspapers, network and public access television and radio stations.
- [Appendix H](#) provides suggested locations for public and community meetings.

For more information about this document, the community involvement program, or the IR Program at MCB Camp Pendleton, visit one of the MCB Camp Pendleton IR (Installation Restoration) Program Information Repositories as outlined in [Appendix B](#). For personal attention, [Table 1-1](#) provides a list of

individuals from the Marine Corps and regulatory agencies who may be contacted.

Table 1-1: Marine Corps and Regulatory Agency Contacts

Marine Corps Contacts	
<p>Joe Murtaugh Installation Restoration (IR) Manager, RCRA Division</p>	<p>AC/S Environmental Security Box 555008, Building 22165 Marine Corps Base Camp Pendleton, CA 92055-5008 joseph.murtaugh@usmc.mil</p>
<p>Major Kristen Lasica Director of Consolidated Public Affairs</p>	<p>Consolidated Public Affairs Office Building 1160 Floor 2 Room/Cube 122 Camp Pendleton, CA 92055 kristin.lasica@usmc.mil</p>
<p>Theresa Morley Remedial Project Manager</p>	<p>Naval Facilities Engineering Command, Southwest 1220 Pacific Highway San Diego CA 92132-5190 theresa.morley@navy.mil</p>
Regulatory Agency Contacts	
<p>Martin Hausladin Site Manager phone: (415) 972-3007</p>	<p>U.S. Environmental Protection Agency 75 Hawthorne Street San Francisco, CA 94105 hausladen.martin@epa.gov</p>
<p>Tayseer Mahmoud Project Manager phone: (714) 484-5419 fax: (714) 484-5329</p>	<p>Department of Toxic Substances Control 5796 Corporate Avenue Cypress, CA 90630 tmahmoud@dtsc.ca.gov</p>
<p>Tim Chauvel Public Participation Specialist phone: (714) 484-5487 fax: (714) 484-5329</p>	<p>Department of Toxic Substances Control 5796 Corporate Avenue Cypress, CA 90630 TChauvel@dtsc.ca.gov</p>
<p>Cheryl Prowell Project Manager phone: (858) 467-2745 Fax: (858) 571-6972</p>	<p>Regional Water Quality Control Board 9174 Skypark Court, Suite 100 San Diego, CA 92123-4353 cprowell@waterboards.ca.gov</p>

2.0 REGULATORY BACKGROUND AND REQUIREMENTS

2.1 REGULATORY BACKGROUND

The United States Congress established a program to inspect and clean up hazardous waste sites across the country in 1980. This program was described in [Comprehensive Environmental Response Compensation and Liability Act \(CERCLA\)](#), which became known as the Superfund. In 1986 the legislation was amended through the [Superfund Amendments and Reauthorization Act \(SARA\)](#) which, amongst other changes, required the Department of Defense (DoD) to clean up sites under their jurisdiction to the same safety levels required of privately owned properties.

The federal regulations and programs that guide MCB Camp Pendleton's clean up efforts are summarized in [Table 2-1](#).

**Table 2-1: Federal Regulations and Programs Summary
Environmental Programs**

Environmental Program	Summary
CERCLA	Enacted by Congress on December 11, 1980 to provide broad Federal authority to respond directly to [threatened] releases of hazardous substances that may endanger public health or the environment. CERCLA established the National Priorities List (NPL).
SARA	Amended CERCLA on October 17, 1986, increasing cleanup safety levels and increasing public involvement in the cleanup process.
IR Program	The Department of the Navy's equivalent to CERCLA that primarily addresses sites impacted by hazardous substances.

2.1.1 CERCLA

In response to environmental problems posed by past hazardous waste disposal practices, Congress directed the EPA to develop a program to manage and control past disposal sites. This program was outlined in the [Comprehensive Environmental Response Compensation and Liability Act \(CERCLA\)](#) of 1980 and was amended by the [Superfund Amendments and Reauthorization Act \(SARA\)](#) of 1986. CERCLA and SARA established a series of programs for the clean up of hazardous waste disposal and spill sites nationwide. CERCLA also established the [National Priorities List \(NPL\)](#), which guides the EPA in determining which sites require further investigation. ([US EPA, 1980](#)) MCB Camp Pendleton was placed on the NPL on November 15, 1989.

2.1.2 SARA

[SARA](#) amended CERCLA on October 17, 1986, after the EPA had administered the Superfund program for six years. SARA made several important changes and additions to the program. It stressed the importance of permanent remedies and innovative treatment technologies in cleaning up hazardous waste sites and required Superfund actions to consider the standards and requirements found in other State and Federal environmental laws and regulations. In addition, it provided new enforcement authorities and settlement tools, and increased State involvement in every phase of the Superfund program. SARA also increased the focus on human health problems posed by hazardous waste sites; encouraged greater citizen participation in making decisions on how sites should be cleaned up; and increased available funding for these purposes.

2.2 ENVIRONMENTAL CLEANUP PROGRAMS

2.2.1 Defense Environmental Restoration Program (DERP)

In order to meet the requirements of SARA, the Department of the Navy created the Environmental Restoration (ER) Program. This program combines aggressive cleanup policies with modern technology to restore and preserve Navy and Marine Corps property. ([NAVFAC, 2009](#))

Two site cleanup programs were created under DERP, the [Installation Restoration \(IR\) Program](#) and the [Munitions Response Program \(MRP\)](#). The Environmental Restoration Process, as described in [Section 2.2.3](#), provides the framework for cleanup activities on Navy and Marine Corps installations.

2.2.2 Installation Restoration (IR) Program

The DoD (Department of Defense) developed the IR Program in 1986 to identify, assess, characterize, and clean up or control contamination from past hazardous waste disposal operations and hazardous materials spills at United States Navy and Marine Corps installations. In addition, the IR Program is charged with making every effort to reduce the risk to human health and the environment. The IR Program is the DoD's equivalent to the EPA Superfund program. To ensure consistency, IR Program cleanup actions reasonably interpret and apply EPA policy and guidance when making cleanup decisions. The program was established to meet federal requirements regarding the clean up of hazardous waste sites, outlined in [CERCLA](#), as amended by [SARA](#). ([DON, 2009](#))

Naval Energy and Environmental Support Activity (NEESA) conducted an Initial Assessment Study (IAS) of MCB Camp Pendleton in September 1984, resulting in the identification of eight potentially contaminated sites. In July 1988, [Naval Facilities Engineering Command Southwest \(NAVFAC SW\)](#) [formerly SW DIV] conducted a Site Investigation (SI) of the Base, identifying an additional 66 IR Sites, resulting in a total of 74 IR Sites.

Contamination at MCB Camp Pendleton primarily resulted from past waste disposal practices, relating to maintenance and repair of trucks, tanks, and aircraft that generated vehicular fluids and solvents, many of which are now out of date due to the development of environmental regulatory guidelines. Base support operations, such as pest control and dry cleaning, have also generated contamination. IR Site 3, the Pest Control Wash Rack in 26 Area, was affected

by pesticides and led to MCB Camp Pendleton's placement on the federal NPL on November 15, 1989. [Table 2-2](#) outlines the operations and wastes generated that have contributed to environmental concerns on the Base.

Table 2-2: Environmental Cleanup Risks at MCB Camp Pendleton IR Sites

Operation	Wastes Generated
Motor Transport Maintenance	waste oils, cleaning solvents, antifreeze, batteries, battery acid, hydraulic fluids
Airfield	mixed fuels, oils, solvents, hydraulic fluids, paint wastes (e.g. paint, paint strippers, etc.)
Facilities Maintenance	oils, pesticides, solvents
Miscellaneous Support	photographic processing chemicals, dry cleaning solvents, hospital wastes
Refuse Disposal	ash generated by the burning of household waste and general military activity

The MCB Camp Pendleton IR Program is managed by [NAVFAC SW](#) in San Diego, California.

2.2.3 Environmental Restoration Process

As depicted in [Figure 2-1](#), the ER (Environmental Restoration) process starts with the identification and investigation of contaminated sites, followed by selection, design, and implementation of cleanup actions to achieve cleanup goals. This process is designed in accordance with CERCLA requirements.

There are two types of responses. **Remedial** actions are taken to permanently and significantly reduce the dangers associated with releases or threats of releases of hazardous substances that are serious, but not immediately life threatening. The remedial action process specifies the steps to carefully evaluate the nature and extent of contamination, and provides a structure to identify and evaluate cleanup options. **Removal** actions are taken to deal with

releases or threatened releases requiring quick action. The remedial action process is discussed in [Section 2.2.3.1](#) and the removal action process is outlined in [Section 2.2.3.2](#).

There are two important milestones in the cleanup portion of the process. The Remedy-in-Place (RIP) milestone is obtained when the construction of the solution has been finished, and the cleanup solution is in working order as designed to achieve the cleanup objectives. The Response Complete (RC) milestone is achieved when all cleanup objectives specified in the site's Record of Decision (ROD) or Decision Document (DD) have been met.

After reaching the Response Complete milestone, a site may require Long-term Management (LTMgt) to ensure the effectiveness of the solution that was put into place. This may include environmental monitoring, review of site conditions, and maintenance of a cleanup action. ([DON, 2006](#); [DoD, 2009](#))

[Figure 2-1](#) provides a graphical representation of the Environmental Restoration process.

For additional clarification of cleanup terminology specifically associated with the MCB Camp Pendleton Installation Restoration Program, a [glossary](#) is provided in the preliminary pages of this document.

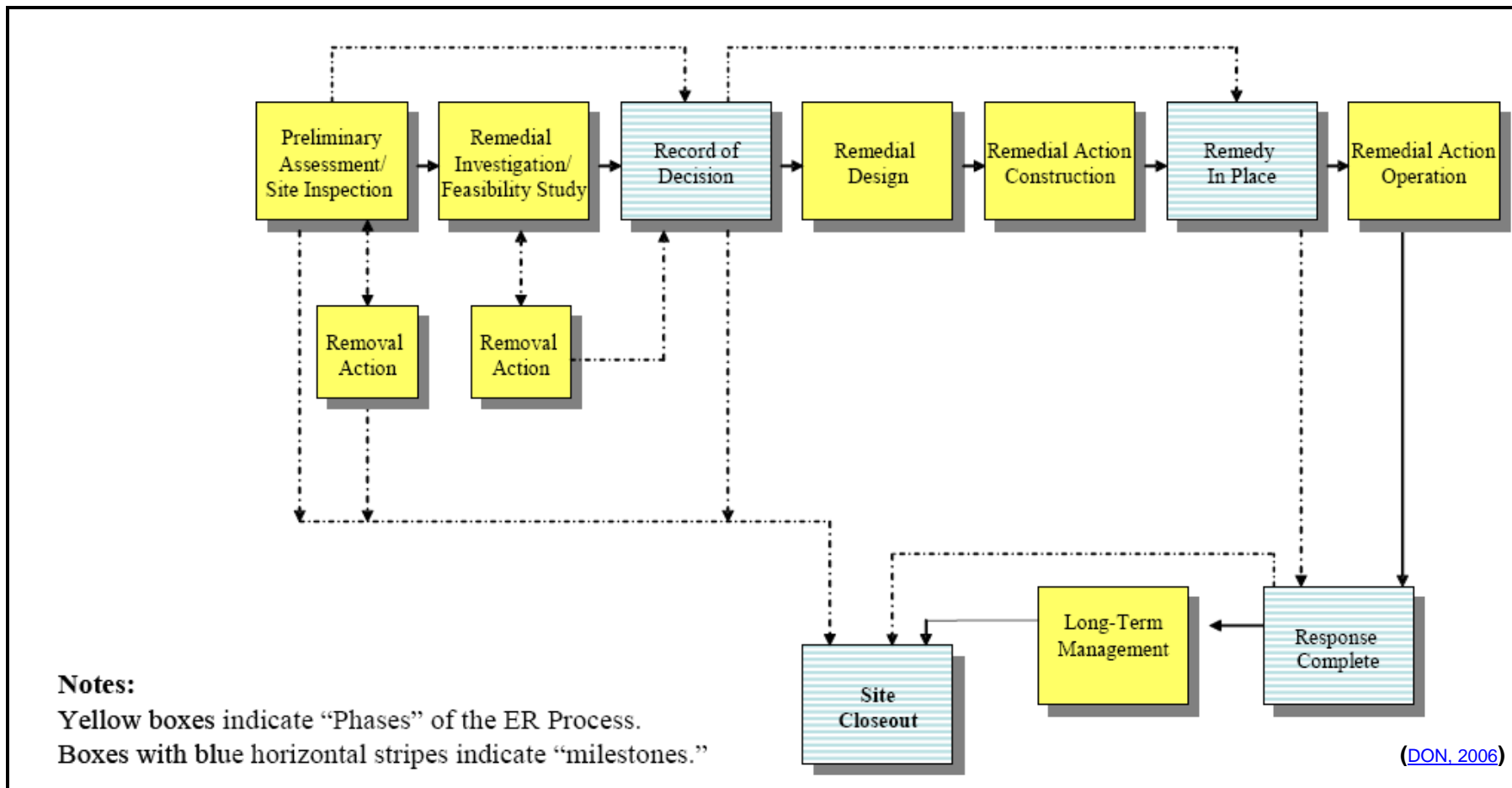


Figure 2-1: DON Environmental Restoration Process - Phases and Milestones

2.2.3.1 Remedial Action Process

A brief outline of each process step follows.

- **Preliminary Assessment/Site Inspection (PA/SI)** evaluates whether current or past waste management practices have resulted in the release of hazardous substances. The PA is completed through record searches and visual inspections of the area. The SI usually requires sampling and analysis of soil, surface water, or groundwater, or any combination of the three. Based on the results of data gathered, the site will be scheduled for No Further Action (NFA), recommended for a removal action, or investigated further in the next stage. If the site is scheduled for NFA, it will be included in a Record of Decision (ROD) or proceed immediately to Site Closeout.
- **National Priorities Site Listing** includes determining which sites warrant further investigation to assess the nature and extent of the human health and environmental risks associated with a site; identifying what CERCLA-financed remedial actions may be appropriate; notifying the public of sites EPA believes warrant further investigation; and advising potentially responsible parties that EPA may initiate CERCLA-financed remedial action. The NPL (National Priorities Listing) serves primarily informational purposes, identifying for the states and the public those sites or other releases that appear to require cleanup actions.
- **Remedial Investigation/Feasibility Study (RI/FS)** are typically performed together. The RI includes a sampling and analysis program to determine the nature and extent of contamination, as well as a baseline ecological and health and human risk assessment. If it is determined that remedial action is necessary, the FS is conducted, which includes the initial screening and a detailed evaluation of cleanup options. When the decision is made that an RI/FS is needed, an Administrative Record (AR) and Information Repository are established, as described in [Appendix B](#). The RI or FS also may

recommend No Further Action (NFA) at a site. A preferred cleanup option is identified in the FS and distributed to the public in the form of a Proposed Plan.

- **Proposed Plan (PP)** is a fact sheet that is developed to describe cleanup choices and explain why the preferred option was chosen. The public and regulatory agencies have an opportunity to provide written and oral comments on the PP. The Navy considers all comments received on the PP before making a final decision and provides a reply to all significant comments in a responsiveness summary.
- **Record of Decision (ROD)** documents the selected cleanup solution, which is available for public review. The availability of the ROD is made known through an advertisement in a local newspaper or by the distribution of an informational document.
- **Remedial Design/Remedial Action (RD/RA)** entails preparing a design for the cleanup solution (Remedial Design [RD]), along with the development of an informational fact sheet, which is distributed before the Navy begins a cleanup (Remedial Action [RA]). An RA ensues, including the implementation of the cleanup solution, while keeping the public informed.
- **Long-term Management (LTMgt)** may include long-term monitoring, which occurs at sites where hazardous substances, pollutants or contaminants remain after the RA has been completed. The Navy and regulatory agencies review the long-term monitoring records every five years to ensure that human health and the environment are protected.
- **No Further Action (NFA)** occurs when all necessary remedial action activities are complete and the Navy and regulatory agencies agree that NFA is appropriate at the site.

- **NPL Delisting** may occur if the EPA believes that no further action is required, the state agrees, and the EPA still believes it is necessary after the public comments.

Under the Environmental Restoration process, sites reaching a NFA determination are considered to be Response Complete (RC). If it is determined that further action is required, construction to implement the chosen remedy (Remedial Action Construction [RA-C]) is started, which may include operation, maintenance, and monitoring actions of the solution (Remedial Action Operation [RA-O]). If necessary, the solution may continue to be used until the cleanup objectives required by the Rod (Record of Decision) for that site have been met. ([DON, 2006](#))

[Figure 2-2](#) provides a visual reference to the remedial action process.

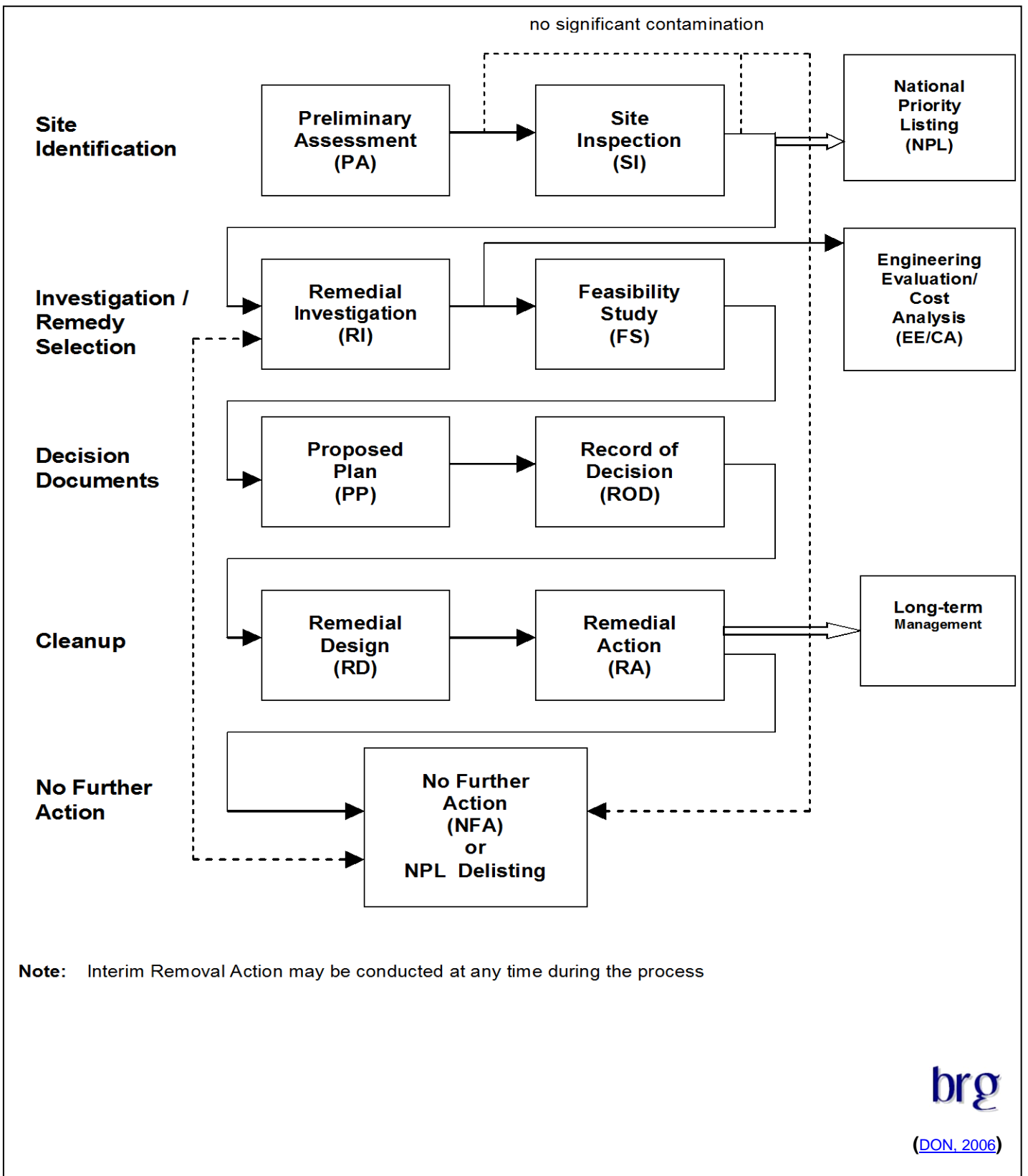


Figure 2-2: Remedial Action Process

2.2.3.2 Removal Action Process

In some cases, the Navy and regulatory agencies may conduct a removal action of hazardous substances from a site. These removal actions are carried out in agreement with federal and state requirements. The Navy can perform a removal action if any one or more of the following criteria are present:

- An pending threat to human health or the environment exists
- The source of the contamination can be removed quickly and effectively
- Access to contamination can be limited
- A removal action is the fastest way of remediating the site

The EPA has defined three types of removal actions: emergency, time-critical, and non-time critical removals. These removal actions and supporting documentation are summarized below.

- **Emergency Removal Actions** occur when cleanup must begin within two weeks after the lead agency determines that a removal action is necessary.
- **Time-Critical Removal Actions** occur when cleanup can be completed within six months after the lead agency determines that a removal action is necessary.
- **Non-Time Critical Removal Actions** occur when cleanup may begin six months after the lead agency determines that a removal action is necessary.

The removal action process can be started at any time during the remedial action process.

2.3 REQUIREMENTS FOR COMMUNITY INVOLVEMENT

Federal and state laws and regulations require community involvement during investigation and clean up. The purpose is to make sure that the public is informed and involved early; that public concerns are heard; and that public comments are considered in making final decisions on hazardous waste management clean up.

In addition, the IR Program provides for creating a Technical Review Committee (TRC) at all Navy and Marine Corps facilities involved in environmental restoration programs beyond the Preliminary Assessment (PA) / Site Inspection (SI) phase. The TRC provides a central group to provide input from all parties affected by environmental investigation and cleanup, yet TRCs do not replace the need for formal community involvement opportunities required under federal and state laws.

MCB Camp Pendleton's TRC was formed in 1991. TRC meetings, which are open to the public, are scheduled as-needed, typically before a major project document is released for agency and public review. In the past, TRC membership has included representatives from the Marine Corps, the Navy, DTSC, RWQCB, EPA, US Fish and Wildlife Service (US FWS), United States Department of Agriculture, California Department of Fish and Game, County of San Diego Hazardous Materials Management Unit, Air Pollution Control District, local cities, technical specialists, and on-Base housing. A current list of TRC members is included in [Appendix C](#).

3.0 IR SITE DESCRIPTIONS AND INVESTIGATIONS

A detailed Site Management Plan (SMP) was prepared in 2006 ([Batelle, 2006](#)). Based on data from the SMP and subsequent reports, this section includes an overview of IR Program activities on MCB Camp Pendleton and a summary of the 18 active IR (Installation Restoration) Sites as of the writing of this plan. More detailed information on active and closed IR Sites at MCB Camp Pendleton is available by referencing the SMP at the AR (Administrative Record), as described in [Appendix B](#). [Figure 3-1](#) presents the location of each active IR site at MCB Camp Pendleton.

3.1 Summary of Active IR Program Activities

The IR Program at MCB Camp Pendleton includes 76 sites grouped into five Operable Units (OUs) based on similarities, such as types of environmental issues, selected cleanup methods, and/or physical location. As of the writing of this plan, RODs (Records of Decision) have been signed for OUs 1 through 4, and for three of the sites in OU5. IR Program activities are ongoing for two OU-3, two OU-4 sites, and eight OU-5 IR Sites, as well as six other sites that are being addressed individually, without incorporation into an OU. A summary of all IR Sites on MCB Camp Pendleton may be found in [Appendix A](#). The active IR Sites in each OU are summarized in [Table 3-1](#).

3.1.1 Operable Unit 1

There are currently no active IR Sites in OU-1.

3.1.2 Operable Unit 2

There are currently no active IR Sites in OU-2.

3.1.3 Operable Unit 3

OU-3 currently has two active IR Sites. A cleanup action was completed at Site 1A in 2008. A Remedial Action Closure Report is currently being prepared. IR Site 7, Box Canyon Landfill, is in the Long-term Monitoring phase of the IR Program. It was determined that NFA (No Further Action) was necessary for the remaining 22 IR Sites included in OU-3.

3.1.4 Operable Unit 4

Each of the OU-4 sites was initially included in another OU, but then were moved into OU-4 for further evaluation. The 22/23 Area Groundwater Site and IR Site 1H have been transferred from OU-4 to OU-5 for additional evaluation. There are currently two active IR Sites in OU-4.

A ROD for OU-4 was signed in June 2007 documenting the selected solutions for IR Sites 1D and 30, as well as NFA for IR Site 1E-1. ([NAVFAC SW, 2007a](#)) As planned in the selected cleanup solution, excavation of soils on IR Site 30 was conducted between February and June, 2008. Analysis of samples, along with results from risk evaluations to examine the levels of metals remaining in soil, resulted in the conclusion that Remediation Goals (RGs) had been met. IR Site 30 is recommended for NFA and closure.

A remedial action for soil was completed at IR Site 1D in 2008. During the cleanup, contaminants were discovered in groundwater above cleanup standards. The groundwater is currently being treated and disposed of in the wastewater treatment plant. The Remedial Investigation/Feasibility Study (RI/FS) is being updated to discuss options to clean up groundwater.

3.1.5 Operable Unit 5

Ten IR Sites were included in OU-5: IR Sites 1A-1, 1H, 6A (soil only), 12 Area Site 13, 21, 33, 62, 1111, 1115, and the 22/23 Area Groundwater Site.

A ROD was signed for three OU-5 sites in January 2008. Under the ROD, the selected solution for IR Sites 1A-1 and 1H was soil removal and off-Base disposal. The soils at IR Site 6A were approved for NFA and an investigation of the groundwater for that site, known as the 22/23 Area Groundwater Site, was recently completed. The remedial activities have been completed and the Removal Action Completion Report (RACR) for IR Site 1A-1 has been approved. The RACR for IR Site 1H is anticipated in 2010.

A Non-time Critical Removal Action was conducted on soil at IR Site 1111 between November 2006 and July 2007, resulting in the recommendation for no further action for soil at the site. Groundwater monitoring was completed at IR Site 1111; a Removal Action Completion Report was approved in 2009.

A Remedial Investigation/Feasibility Study (RI/FS) report was submitted for IR Site 33 in September 2008. Based upon the conclusions of the Remedial Investigation, it was determined that the soil at IR Site 33 does not present a potential threat to human health, however groundwater contamination may pose a potential threat to human health and to the environment. A Draft Engineering Evaluation/Cost Analysis and a Draft Action Memorandum were sent to the regulatory agencies for review in mid-November. Once finalized, a Removal Action Work Plan will be prepared to document the plan to remove the soil and groundwater contaminated with PCE. ([Parsons, 2008b](#))

Work plans were approved for 13 Area FSSG Lot (Site 1115) and Site 21; field work is currently in progress. Field sampling at the 22/23 Area Groundwater site began in 2007, and continued through 2009, with the Remedial Investigation and Feasibility Study Reports due in May 2010.

Field work, including soil removal, was completed at IR Site 62 in 2009. A Site Inspection (SI) Report was recently submitted to the regulatory agencies.

3.1.6 Sites Not Currently Incorporated in an Operable Unit

Of the 76 IR Sites, nine were not included in an OU for various reasons. Six are currently active and are being addressed individually:

- **IR Site 150, Building 210577:** This site was recently added to the Installation Restoration (IR) program through the Discovery process. The site was added based on the results of an investigation based on information from site reconnaissance and the personal accounts of historic operations and waste disposal practices provided by former military personnel stationed at MCB Camp Pendleton during the later 1960s (Parsons, 2008). Of the seven locations investigated, one had levels of vinyl chloride above the Risk Based Screening Levels for vapor intrusion. This site was retained in the IR program and named IR Site 150.
- **IR Site 1114:** The Preliminary Assessment/Site Inspection (PA/SI) field investigation has been performed and the Final Site Inspection Report was submitted for IR Site 1114 in April 2009 which recommended a Remedial Investigation to further study contamination at the site. ([Brady, 2009](#)) The Remedial Investigation Work Plan was recently approved and field work is scheduled to begin in June 2010.
- **IR Site 1116, 14 Area Groundwater (GW):** This site was created when a number of Underground Storage Tanks (USTs) in the 14 Area were transferred from the UST program to the Installation Restoration program. The USTs were transferred because they had low levels of volatile organic compounds in groundwater. A Site Inspection Work Plan was approved and field work is complete. The Site Inspection Report is currently being prepared.

- **IR Site 1117, 15/16 Area GW:** This site was created when a number of Underground Storage Tanks (USTs) in the 15 and 16 Areas were transferred from the UST program to the Installation Restoration program. The USTs were transferred because they had low levels of volatile organic compounds in groundwater. A Draft Site Inspection Work Plan was approved and field work is scheduled to be completed in May 2010.
- **IR Site 1118, Area 21/26/52 GW:** This site was created when a number of Underground Storage Tanks (USTs) in the 21, 26 and 52 Areas were transferred from the UST program to the Installation Restoration program. The USTs were transferred because they had low levels of volatile organic compounds in groundwater. Field work for the Site Inspection was completed in January 2010 and the report is being prepared.
- **IR Site 1119, 26 Area GW:** An RI/FS Work Plan will be prepared in 2010 to determine the nature and extent of trichloroethylene (TCE) recently discovered in groundwater in the 26 Area, and to provide cleanup alternatives.

Table 3-1: Active IR Sites on MCB CP, Grouped by Operable Unit

Operable Unit (OU)	Site Number	Description
OU-3	IR Site 1A	14 Area Refuse Burning Ground
OU-3	IR Site 7	20 Area Box Canyon Landfill
OU-4	IR Site 1D	20 Area Refuse Burning Ground
OU-4	IR Site 30	31 Area
OU-5	IR Site 1A-1	14 Area Waste-Burn Pits
OU-5	IR Site 1H	Refuse Burning Area Near 62 Area
OU-5	12 Area Site 13	Former Location of Buildings 1280 and 1283
OU-5	IR Site 21	Former Fuel Dock Facility
OU-5	IR Site 33	South of 52 Area Armory
OU-5	IR Site 62	62 Area Former Asphalt Batch Plant
OU-5	IR Site 1111	Ash and Debris Disposal Area (26 Area)
OU-5	Site 1115	13 Area Force Service Support Group (FSSG) Lot
OU-5	22/23 Area Groundwater	Sites 4, 4A, 6, 6A, 16,17 and 27 Groundwater
No OU	IR Site 150	Building 210577
No OU	IR Site 1114	Former Waste Stabilization Pond
No OU	IR Site 1116	14 Area Groundwater
No OU	IR Site 1117	15/16 Area Groundwater
No OU	IR Site 1118	21/26 Area Groundwater
No OU	IR Site 1119	26 Area Groundwater



Figure 3-1: MCB Camp Pendleton IR Site Location Map

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4.0 COMMUNITY BACKGROUND AND INTERVIEWS

4.1 DESCRIPTION OF THE COMMUNITY

Four communities may be affected by environmental work at MCB Camp Pendleton; these include Base operations and Base Housing; Fallbrook, an unincorporated area within San Diego County; and the cities of Oceanside and San Clemente. Oceanside borders the Base on the south, Fallbrook on the east, and San Clemente to the northwest. There are 17 miles of coastline between Oceanside and San Clemente. [Figure 4-1](#) shows the location of MCB Camp Pendleton and its community neighbors. With regard to nearness to active IR (Installation Restoration) Sites, both Oceanside and San Clemente are 3 miles from IR Sites 1-D and 1H, respectively. Fallbrook is 5 miles from IR Site 1A-1.

4.2 AREA POPULATION AND PROFILE

[Table 4-1](#) provides a breakdown of the population of the communities in and around MCB Camp Pendleton. [Figure 4-1](#) shows the location of the various cities and towns that comprise the greater MCB Camp Pendleton community.

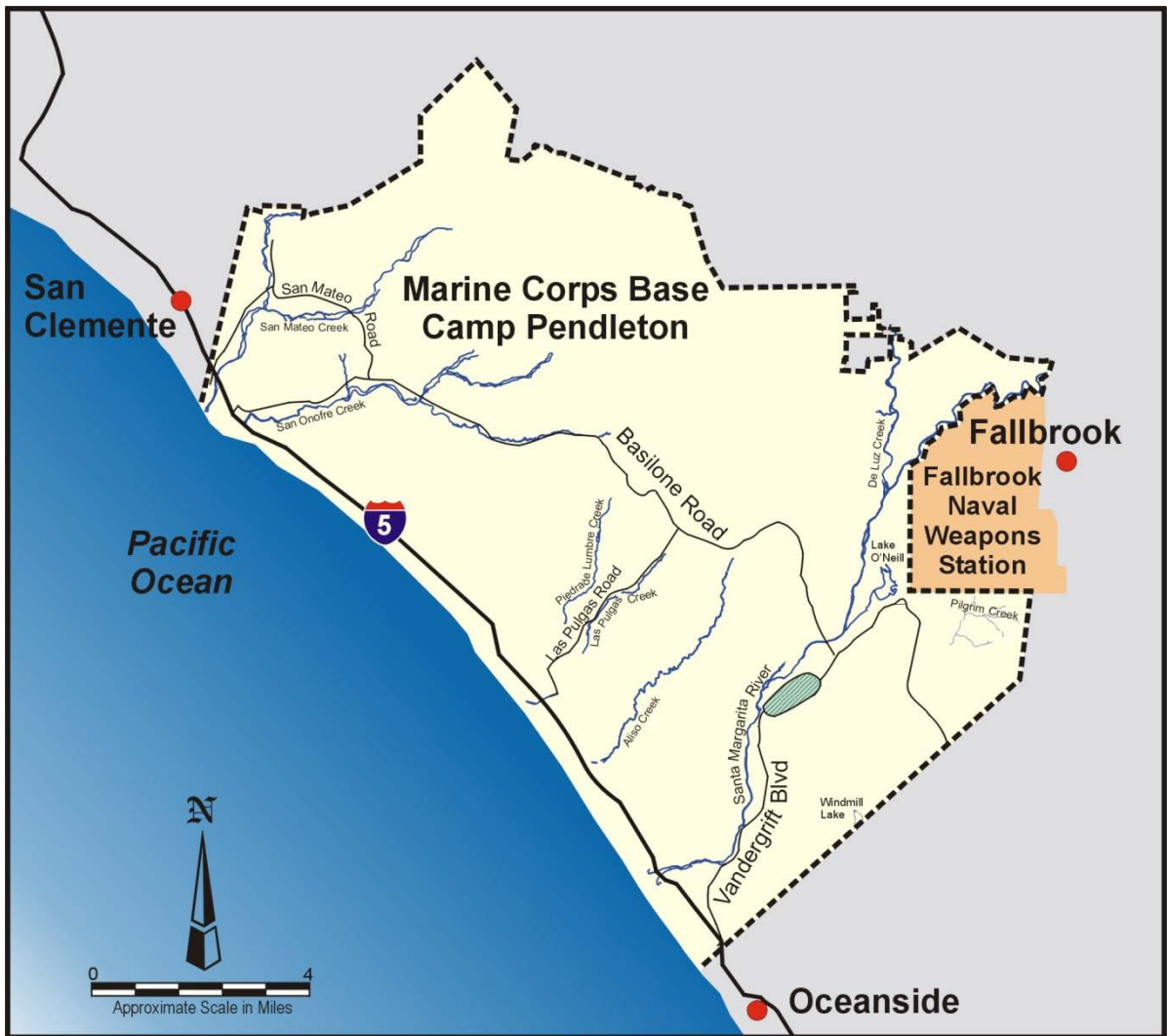


Figure 4-1: MCB Camp Pendleton Community Neighbors Map

4.2.1 Base Housing

MCB Camp Pendleton Family Housing currently offers 7,300 homes in 19 neighborhoods with 2-, 3-, 4-, and 5-bedroom homes to more than 38,000 active duty members and their dependents. Family Housing participates in a Public/Private Venture (PPV) partnership between the Marine Corps and two private companies that act as property managers. MCB Camp Pendleton was the site of the Marine Corps' first PPV, with the first families moving into De Luz Housing in October 2001. Base housing finalized the transition to privatization, effectively transferring building, renovation, maintenance, and management of

all Base residences to private management firms in October 2006. Only one location, the Rancho Santa Margarita Ranch House, will continue to be managed by the government. ([MCP CP, 2009](#))

In addition to family housing, the Base has constructed additional units in support of maintaining 20,000 billeting spaces to provide temporary lodging for military and civilian government employees on orders, as well as active duty and retired personnel on vacation travel. Marine Corps Community Services (MCCS) temporary lodging includes inns, lodges, beach cottages, RV and camping resources on Base property. ([MCB CP, 2009](#); [MCB CP CP&LO, 2010](#))

MCB Camp Pendleton residents, employees and visitors are supported by a strong, established support system that is designed to enhance the quality of life of individuals and families on Base.

The Camp Pendleton Naval Hospital overlooks Lake O'Neill and is located approximately 10 miles from the main gate. It is a 123 bed facility, providing support to active duty, dependent, and retired personnel to assist individuals and families in finding solutions for their health care needs. ([MCP CP, 2009](#))

There are five public schools on Camp Pendleton representing two school districts in the region which serve the needs of Base residents, as well as DoD (Department of Defense) civilian employee and Marine families who do not live on Base. The Oceanside Unified School District (OUSD) offers kindergarten through fifth grade (K-5) to students at North Terrace, Santa Margarita, and Stuart Mesa Elementary Schools. Fallbrook Union Elementary School District supports two schools on Base, Mary Fay Pendleton, which provides kindergarten through sixth grade (K-6); and San Onofre, serving students in kindergarten through eighth grade (K-8). It is estimated that these five schools support approximately 3,600 students, although student populations fluctuate depending upon the time of year and the level of activity on Base. In order to effectively coordinate education support services and maximize opportunities

for academic success for active duty youth, a School Liaison (SL) Officer works directly with the command, families, school districts, and local communities. The school liaison is a division of the Command Plans & Liaison Office (CP&LO). More detailed information on Base Educational Services can be found in [Section 4.3.1](#). An overview of the CP&LO at MCB Camp Pendleton is available in [Section 4.3.2.1](#).

Camp Pendleton's Marine Corps Community Services (MCCS) section is the largest and most diverse in the Marine Corps. It is composed of five operating divisions, including Retail, Services, Food and Hospitality, Semper Fit, and Marine & Family Services. MCCS provides employment for over 2,000 individuals, of whom more than 50 percent are military family members on a full-or part-time basis, and some active-duty members on a part-time basis.

There are six child development centers on Base that offer services for Base residents and employees. Children aged six weeks to 12 years old are cared for in centrally located areas, including Wire Mountain (Brown Center, Bldg. 202860), the Main Exchange Area (Courteau Center, Bldg. 15061), San Luis Rey Gate (San Luis Rey Center, Bldg. 17081), Seaside Square (San Onofre Center, Bldg. 51080), and Stuart Mesa (Bldg. 310006). In addition, the Family Child Care Program provides childcare in individual homes on the base. Youth and Teen programs are available at one of three youth centers located in DeLuz, Wire Mountain, and San Onofre housing areas, in addition to services in the Stuart Mesa housing area. Children enrolled in the elementary schools on the base are eligible for before- and after-school programs at the schools on Base, as well as at the Fisher Children's Center (Mainside).

In addition, multiple community service resources and retail outlets are provided for families on Base, including cleaners, markets, movie theaters, restaurants, a credit union, specialty stores, and recreational facilities. Additional details on MCCS is provided in [Section 4.3.2.4](#).

4.2.2 Oceanside

The residential beach city of Oceanside is located about 35 north of San Diego, bordering MCB Camp Pendleton on the south. It is approximately 42 square miles and has 3.5 miles of beach. San Diego County's northernmost city and its third largest, Oceanside is a beach resort and a trade center for the surrounding agricultural communities.

In 1942, during World War II, the DON (Department of the Navy) purchased approximately 125,000 acres situated just north of the city. Construction then began on Camp Joseph H. Pendleton, currently the nation's third largest Marine Corps Base. The population of Oceanside more than tripled, growing from 4,652 in 1940 to greater than 18,000 in 1952. Today, Oceanside is home to many of MCB Camp Pendleton's Marines and their families.

4.2.3 Fallbrook

Fallbrook is an unincorporated community approximately 15 miles inland from the Pacific Ocean. It lies on the east side of MCB Camp Pendleton and is approximately 127 square miles in size.

The community of Fallbrook began in the area known today as Live Oak County Park. The first permanent recorded settlement was in 1869, when the Vital Reche family, formerly of Pennsylvania, settled at that location, naming the new community Fall Brook after their former homestead. The present town site was plotted in 1885.

Agriculture provides for just under a third of the area's personal income. There are more than 50 wholesale and retail nurseries in Fallbrook, and the community advertises itself as the "Avocado Capital of the World". In addition to avocados, Fallbrook growers produce macadamia nuts, strawberries, tomatoes, many subtropical fruits, vegetables, and flowers.

4.2.4 San Clemente

San Clemente is located approximately 70 miles south of Los Angeles and 17 miles north of Oceanside, providing the northwesterly border to the Base. The city covers an area of 17 square miles with approximately 5 miles of beaches.

Table 4-1: Demographics of MCB Camp Pendleton and Surrounding Communities

(Census Year Used For Estimates)	Camp Pendleton (2010)	Oceanside (2009)	Fallbrook (2009)	San Clemente (2008)*
Estimated Population	40,778****	179,681	44,824	67,373
Total Housing Units	7,171	64,672	15,714	25,305
Single Family	***	42,006	12,196	17,981
Multiple Family	***	19,154	2,701	8,967
Mobile Home and Other	20,000****	3,512	817	403
Vacancy Rate	0	6.6%	5.8%	6.1%
Persons per Household	3.54	2.96	2.99	***
Median Household Income	***	\$69,044**	\$76,603**	\$63,507
Estimated Population by Race & Ethnicity				
White	***	86,016	24,256	43,894
Hispanic	***	62,206	17,511	***
Asian & Pacific Islander	***	13,076	1,033	1,348
Black	***	10,323	715	399
American Indian	***	750	327	300
Other	***	7,310	982	***
Estimated Population by Age & Sex				
Male	***	88,688	22,402	25,268
Female	***	90,993	22,422	24,668
Median Age	***	32.9	33.8	37

Source: Oceanside, Fallbrook ([SANDAG, 2010](#))

Source: San Clemente ([US Census Bureau, 2008](#))

Source: Camp Pendleton ([MCB CP CP&LO, 2010](#))

*San Clemente data per 2008 US Census estimates

**Not adjusted for inflation (current \$)

*** data not available

****Camp Pendleton "Mobile Home & Other" numbers represent Bachelor Quarters (barracks) capacity of 20,000 individuals, also reflected in "Estimated Population"

4.3 EDUCATION AND COMMUNITY SERVICES

4.3.1 Schools

There are five public elementary schools to serve residents of the greater Camp Pendleton community. Children attending Base schools are not required to live on Base; many students represent either DoD civilian employee families or Marine families living off Base.

North Terrace, Santa Margarita, and Stuart Mesa are part of the Oceanside Unified School District (OUSD) and offer classes to students in grades K-5. An additional OUSD elementary school, San Rafael, is located on MCB Camp Pendleton property, just before to entry at the Main Gate. This school was closed in 2002 due to structural issues, and remains closed today. While it remains in OUSD inventory, its future use is still under discussion.

Fallbrook Union Elementary School District (FUESD) is represented by Mary Fay Pendleton and San Onofre Elementary Schools, offering K-6 and K-8 respectively.

- North Terrace Elementary School serves students from Wire Mountain Public Quarters #1 and South Mesa, as well as portions of Pacific View South and Forrester Hills.
- Santa Margarita Elementary School serves students from Wire Mountain Public Quarters #2, a portion of Pacific View North housing, South Mesa East, and the Del Mar housing area.
- Stuart Mesa Elementary School serves students from the Stuart Mesa housing area.
- San Onofre Elementary School serves the San Onofre Housing Areas I and II, as well as San Mateo Point housing.

- Mary Fay Pendleton Elementary School serves De Luz, O'Neill Heights, and San Luis Rey housing areas, as well as the Naval Weapons Station and the Naval Regional Medical Center areas.

In addition, a large number of families on Base choose to home school their children. Both OUSD and FUESD offer support for this option. FUESD offers Iowa Street School, a home school resource center with nine credentialed teachers, two administrative staff, and a principal to serve students in grades K-8. The school has two satellite campuses on Camp Pendleton.

The Coastal Academy is an OUSD Charter School which offers parents a personalized education model for their children. School programs involve independent study and partnering with parents, providing either regular full-day optional workshops twice a week or the home school alternative for five days a week.

Middle and high school students typically attend school off Base, primarily utilizing Fallbrook or Oceanside District schools.

4.3.2 Community Services

4.3.2.1 Community Plans & Liaison Office (CP&LO)

The Community Plans & Liaison Office (CP&LO) serves as the direct representative with local communities, public elected officials, other government agencies and major landowners surrounding the Base or off-Base entities seeking a long-term use of Camp Pendleton land. CP&LO provides oversight to encroachment issues that could potentially affect the Camp Pendleton mission or its tenant commands, providing assistance on strategic land use planning.

Through CP&LO, senior Camp Pendleton officials serve as liaisons with local chambers of commerce, school boards and other community organizations, assisting in enhancing communication with numerous off-base activities and organizations. The CP&LO coordinates the School-to-Career program on Base

that includes approximately 600 students each year from the two supporting school districts, as well as the Adopt-A-School program, which matches an elementary school class with a unit on Base. ([MCB CP, 2009](#))

4.3.2.2 Libraries

There are three libraries located on MCB Camp Pendleton, including Patrick Carney, South Mesa, and Seaside Square. Base libraries are open seven days a week to all people who live and work on Base; all locations are closed on Federal holidays. The libraries offer Internet access free of charge, computer usage for word processing, and typewriters. Current bestsellers, books on audiotape and compact disc, DVD and VHS movies, current magazines, and an extensive military collection are available to members. Resources for [continuing] education include the *Student Resource Center* and *Opposing Viewpoints Center* Online Databases, career and academic test preparation books, Professional Military Education (PME) Reading List, and the Civilian Leadership Development (CLD) Collection. Additional resources include Children's Story Times, conference rooms, photocopiers, fax machines, and book distribution to deploying units. In addition, full text databases from *Gale*, access to the *World Book Encyclopedia*, and a Science Reference Center are all available via the Internet from any location for registered users.

- The Patrick Carney Library moved to its current location in Building 1146 in February 1998. It has 14 computers with Internet access. The branch is located on E Street, in the 11 area, behind 1st Marine Division Headquarters.
- The South Mesa Library is located in building 200090, also known as Wire Mountain Exchange. The building is on Wire Mountain and Ash Roads, near the Main Gate.
- The Seaside Square Library is located in building 51093. The Seaside Square Library has 8 computers with Internet access. The facility may

be found on Basilone Road, near San Onofre Gate, between the San Onofre Exchange and the Commissary.

Many Base personnel, family members, Base employees, and interested community members live in nearby Oceanside and have access to the City's public library. Its main branch, known as the Civic Center Branch, currently serves as an Information Repository location for the MCB Camp Pendleton IR Program, providing pertinent documents available for public review. The Information Repository is located on the lower level of the library, in the Periodicals Storage section. The Oceanside Public Library's Civic Center Branch is located at 330 North Hill Street in Oceanside.

4.3.2.3 Key Volunteer Network

The Key Volunteer Network (KVN) is the primary communication link between the Commanding Officer and the unit families. It supports the spouses of the unit Marines by providing communication from the command, serving as a source for information and referral services, as well as by helping foster a sense of community within the unit. ([MCB CP, 2009](#)) The KVN is coordinated through Marine Family Readiness.

4.3.2.4 Marine Corps Community Services

Marine Corps Community Services (MCCS) is a valuable resource for active duty members, dependents, employees, and visitors to the Base. It is made up of five divisions.

The **Retail Division** consists of the Mainside Exchange Complex in Area 11, including a two-story department store and various specialty stores meeting the daily needs of individuals and families on Base; convenience stores in Wire Mountain, Pacific Plaza, Stuart Mesa, and San Onofre housing areas; 13 troop stores; and gasoline and automotive repair services.

A variety of **Semper Fit Division** programs and activities are available, both on and off Base. Instructional classes are offered in fitness, dance, martial arts, youth sports, and aerobics. Recreational activities are offered by Semper Fit, as well as gymnasiums, pools, and a bowling/entertainment center.

The **Services Division** provides a wide variety of personal services, including barbershops and beauty salons, florists, vision centers, laundry and dry cleaning facilities, and package delivery via the UPS Store. In addition, a dental clinic, car rental, movie and game rentals, and veterinary services are available, amongst others.

The **Food and Hospitality Division** provides on Base dining, catering and entertainment, social and recreational activities for active-duty and retired military personnel. It includes two Officers' Club Annexes, one Staff Non-Commissioned Officers' Club, two Enlisted Clubs, two all-ranks clubs, four snack bars, and 12 fast food restaurants.

The **Marine and Family Services (M&FS) Division** is made up of five branches, including Education and Libraries; Counseling Services; Children, Youth and Teen Programs; One Source; and Marine Corps Family Team Building. In excess of 400 staff located in approximately 30 different areas around the Base provide quality-of-life services to over 100,000 customers annually. M&FS makes Marines and their family members their highest priority, promoting individual and family successes.

- The Education and Libraries division includes the Base's Libraries, as outlined in [Section 4.3.2.2](#), and the Joint Education Center (JEC), which provides resources for preparation for and advancement in a career in the Marine Corps. In January 2009, the JEC announced a partnership between San Diego State University (SDSU), California State University San Marcos, military education experts from Southern California, and industry leaders in the region. Through this partnership, San Diego State

University offers a unique online professional graduate program, tailored for veterans and active duty military which prepares them for high-paying, high-demand jobs in science and technology.

- Counseling Services (CS) provides support to Marines and their families in coping with personal and family problems, including counseling, support, classes, and briefings on dealing with combat stress, anger, abuse, or emotional issues. The Consolidated Substance Abuse Counseling Center (CSACC) is located in Building 16105. CSACC has certified substance abuse counselors who provide counseling and drug and alcohol prevention programs to active-duty service members, family members and retirees.
- The Children, Youth and Teen Programs (CYTP) branch assists active-duty and DoD civilian personnel with a full range of services to support parents in raising their children. Services include parent information, education, out-of-home childcare, and youth and teen services for ages 6 weeks to 18 years. The program includes Resource and Referral Services for parents; Family Child Care, as outlined in [Section 4.2.1](#); and Youth and Teen Programs, which operate three youth centers located in the De Luz, Wire Mountain and San Onofre housing areas. These youth centers offer a variety of planned group and individual activities for children who are in school and are between the ages of 11 to 18, including teen leadership opportunities, field trips, and camps during school breaks.
- Military One Source is a portal for active duty, Guard and Reserve members, as well as their families. Resources, including education, child care, elder care, personal finances, emotional support, amongst a few, are available online or by phone.

- Marine Corps Family Team Building (MCFTB) is located in Building 1795. MCFTB provides services, seminars, workshops, information and guidance to support both single and married Marines and their families. Available programs include L.I.N.K.S. (Lifestyle Insights, Networking, Knowledge, and Skills); Readiness and Deployment Support; Family Readiness Program, including the Key Volunteer Network (KVN), as described in [Section 4.3.2.3](#); Life Skills Education and Training, including the Spouses' Learning Series (SLS); P.R.E.P. (Prevention Relationship Enhancement Program); the Chaplain's Religious Enrichment Development Operation (CREDO); Retiree Activities Office; three Community Centers; relocation and transition assistance; Veterans Administration benefits and career counseling; family member employment; and personal finance support.

4.3.3 Base Media Outlets

4.3.3.1 The Scout Newspaper

The [Scout](#) is MCB Camp Pendleton's weekly Base newspaper serving MCB Camp Pendleton, the surrounding community, and Marine Corps Recruit Depot (MCRD), San Diego. The *Scout* communicates important announcements and community information to a an Internet distribution reaching active, reserve, and retired Marines, their families, employees on Base, and members of the surrounding communities. Paper distribution of the *Scout* has been discontinued, but it may be found on the Internet at

<http://www.scoutnewspaper.com>.

4.3.3.2 KPEN-TV

KPEN-TV broadcasts throughout Camp Pendleton via cable television. Residents in the southern part of the Base receive KPEN-TV on channels 18 and 19, while residents in the northern part can tune into channels 30 and 31. The purpose of KPEN-TV is to educate and inform Marines, sailors, and their

families about news and information relating to MCB CP and the Marine Corps, in general. It also provides a voice for the Base's Commanding General.

KPEN-TV broadcasts two signals throughout the base. Channels 18 and 30 provide current information about Camp Pendleton, Oceanside, and the Department of Defense, airing Marine Corps documentaries and a variety of other programs. The channel features *The Pendleton Journal*, a monthly 30-minute news magazine show produced by the Marines of the Consolidated Public Affairs Office (CPAO). The channel also provides daily news updates, with Marine Combat Correspondents on location, gathering stories in order to tell the Marine Corps story. *The Pendleton Journal* can also be seen off base on various channels throughout Southern California, and nationally on the Pentagon Channel. At certain times Channels 18 and 30 run "the scroll", a tool used as a Base bulletin board to provide the Commanding General, individuals, and organizations the ability to post information about upcoming events or services available throughout base.

Channels 19 and 31 air the Pentagon Channel. ([Military Newcomer's Website, 2009](#))

4.3.4 Emergency Services

4.3.4.1 Fire

The Camp Pendleton Fire and Emergency (CPF&E) Services firefighters serve the personnel, tenants, and families of MCB Camp Pendleton. CPF&E was established in 1942 with eight original stations when the rancho became a Marine training base. Today, the Division Chief Captain coordinates 135 full-time civilian firefighters at 11 stations, responding to over 3,000 calls per year. CPF&E firefighting equipment includes engines, trucks and telesquirt vehicles. All fire fighting resources are shared among the surrounding areas by a mutual aid pact and automatic agreements, stretching from Orange County to Fallbrook, and including the City of Oceanside Fire Department. In addition to

fire control, other services provided include medical, rescue, swift water rescue, confined space rescue, vehicle rescue and service calls. The team also provides technical support and performs fire investigation, fire safety, prevention and education programs, and juvenile intervention services. ([North County Times, 2006](#); [Military Newcomer's Website, 2009](#))

4.3.4.2 Military Police

The Provost Marshal's Office (PMO) provides law enforcement, security, and detention services to MCB Camp Pendleton. Through its Administrative Services Branch, the PMO offers services such as child fingerprinting, Neighborhood Watch programs, youth/adult ride along, crime awareness briefs, and home security inspections. Additional community services provided also include the DARE education program and Domestic Animal Control. The Base Access Control Branch supports the installation in Pass and Identification, Vehicle Registration, and Contractor Security.

4.3.4.3 Base Safety Center

MCB CP provides a comprehensive Base Safety Center to ensure the safety and security of its residents and visitors. The following Occupational Safety and Health Administration (OSHA) programs are provided by the center and support the objectives of the IR Program on Base: Respiratory Protection, Personal Protective Equipment (PPE), Asbestos, Lead, and Hazardous Communications (HAZCOM). In addition, the center provides support for Marine Corps Programs, including Explosive Safety, Radiation Safety, and Laser Safety. ([MCB CP, 2009](#))

4.4 COMMUNITY INVOLVEMENT ACTIVITIES TO DATE

In October 2009, a representative from Barrett Resource Group (BRG) attempted to contact all individuals and groups who participated in the 2006 CIP (Community Involvement Plan) community interview process. These community members included individuals who live and/or work on MCB Camp Pendleton and base neighbors representing the cities of Oceanside and San Clemente, as well as Fallbrook, an unincorporated area within San Diego County. This cross-section of members of the community included residents, businesspeople, community and environmental group members, community and educational services, and government officials. In addition, representatives from regulatory agencies and the MCB Camp Pendleton IR Program TRC (Technical Review Committee) were included in the interview process. When attempts to contact former participants via email and telephone were unsuccessful, alternate prospective interviewees in a similar category or group were researched and contacted. Twenty-five individuals and groups were contacted to participate in community interviews, resulting in 14 respondents, 10 former participants and four new interviewees. These interviews were an integral part in the research and writing of the current CIP.

Analysis of the current community interview data, together with review of the 2006 CIP, resulted in an understanding that the Marine Corps, IR Program representatives, and regulatory officials have been meeting the outreach needs of the community. Participants reported limited knowledge about the cleanup activities on MCB Camp Pendleton, however no concern was expressed. Community members reported interest in periodic program updates on cleanup activities on base, as well as the effects that cleanup would have on biological and ecological resources.

The Marine Corps has been sensitive to community concerns with regard to environmental cleanup activities. This plan addresses community involvement activities since submission of the November 2006 CIP. Documents providing

background, data, and future plans on current environmental cleanup efforts on Base have been developed and communicated to the MCB Camp Pendleton community in several ways, including:

- Distribution List Mailings and Public Postings
 - **May 30, 2008:** IR Site 1A Explanation of Significant Differences ([Brady, 2008](#))
 - **October 16, 2007:** Public Notice for Sites 1D and 30 Remedial Design
 - **October 11, 2007:** Public Notice for Remedial Action at IR Sites 1D and 30
 - **January 17, 2007:** Fact Sheet for Operable Unit 5 and Site 1H Proposed Plan
 - **January 17, 2007:** Public Notice for OU 5

- Public Comment Periods
 - **November 7 – December 8, 2006:** Proposed Plan for Cleanup of Soil at Marine Corps Base Camp Pendleton for Operable Unit 4 Site 1H ([Parsons, 2006a](#))
 - **November 7 – December 8, 2006:** Proposed Plan for Cleanup of Soil and Groundwater at MCB Camp Pendleton for Operable Unit 5 Sites ([Parsons, 2006b](#))

- Public Meetings
 - **November 14, 2006:** Proposed Plan for Cleanup of Soil at Marine Corps Base Camp Pendleton for Operable Unit 4 Site 1H ([Parsons, 2006a](#))
 - **November 14, 2006:** Proposed Plan for Cleanup of Soil and Groundwater at MCB Camp Pendleton for Operable Unit 5 Sites ([Parsons, 2006b](#))

- Technical Review Committee Meetings
 - No TRC Meetings have been conducted since the previous Community Involvement Plan (CIP)

In 2006, a detailed Site Management Plan (SMP) was developed to serve as a planning and coordination tool for managing the wide variety and number of environmental restoration activities being put into action at IR Program Sites identified at MCB Camp Pendleton. This plan also serves as a reference tool for state and federal regulators and the public, providing summary information on the IR Sites at MCB Camp Pendleton. ([Batelle, 2006](#))

Based upon feedback received during the 2006 CIP community interviews, web pages for the MCB Camp Pendleton IR Program were developed and posted on the Base website in the spring of 2007. In conjunction with this plan, MCB Camp Pendleton IR Program web pages will be updated with current IR Site status and other relevant program information. MCB Camp Pendleton IR Program web pages may be found on the Internet at <http://www.pendleton.usmc.mil/base/environmental/IR/index.htm>.

4.5 MEDIA COVERAGE ON ENVIRONMENTAL ACTIVITIES AT MCB CAMP PENDLETON

Based upon state and federal community outreach guidelines, along with feedback received during the 2006 CIP community interview process, the MCB Camp Pendleton IR Program has made efforts to communicate with the public regarding possible environmental issues of concern. This plan addresses media coverage that has occurred since the writing of the previous CIP in November 2006. A detailed media search was conducted, including *NewsBank*, a catalog of newspaper articles with local & regional news from 67 newspapers across the United States; Oceanside Public Library's General Reference Center, including articles from magazines, reference books and newspapers, from 1980 to date; SignOn San Diego, the *San Diego Union-Tribune's* website; and a general Internet search. The media has generated

seven stories relating to the environmental concerns on the base, all between January and April 2007 discussing concerns in a ripped liner in the Las Pulgas Landfill that may have contributed to contamination of soils and groundwater at the site. A correction was printed in the *San Diego Union Tribune* stories, stating “Several stories since 2005 on the Las Pulgas Landfill at Camp Pendleton have said that the dump was closed because of problems related to its expansion. In fact, only the enlarged portion of the landfill has been closed. The Union-Tribune regrets the errors.” Issues involving the Las Pulgas Landfill are compliance-related and do not fall under the IR Program on Base. For reference purposes, the articles are included in [Section 6.0, References](#).

4.6 COMMUNITY INTERVIEWS

During November and December of 2009, community interviews were conducted according to community involvement and public participation guidelines and requirements set forth by federal and state laws and amendments. The purpose of these interviews was to follow up with participants of the 2006 community interview process, as well as to evaluate the level of knowledge about, and interest in, environmental cleanup activities at MCB Camp Pendleton; to assess citizen concerns about site cleanup; and to identify appropriate community involvement measures to address the concerns and involve the public.

A questionnaire was developed with EPA and DTSC in accordance with EPA and Navy guidelines. In an effort to increase the response rate from previous interviewees, an electronic survey was developed to gather information from 2009 participants. Individuals had the opportunity to answer a series of standard questions, provide detailed input on key items, and request a face-to-face meeting and/or additional information on the program. The target group was previous interviewees. All 26 participants from the 2006 participant group were contacted, of which 16 people had moved, changed jobs, or were unable to be reached via phone and email; for each of these people, attempts were

made to contact someone who would serve as an appropriate alternate in their category (except Marine spouses/residents, of which no new referrals were received). The final result was 25 possible contacts, producing a total of 14 responses: 10 repeat interviewees and four new participants.

During the initial contact phase with potential participants for the current CIP, individuals expressed an interest in being involved in the community interview process, however without exception, they communicated that face-to-face interviews were not the best option. In an effort to streamline the interview process and encourage participant involvement, an electronic survey tool was developed that was available to participants via Internet link. Following initial data collection of name and affiliation, all respondents were given the opportunity to choose the best method of participation in the survey: proceed with the electronic survey tool, emailed survey, faxed survey, U.S. Mail survey, or a face-to-face interview. Of the participants who elected to participate in the survey, 100% chose the electronic survey tool option.

Responses summarized below include a collection of both repeat and new interview participants. With regard to the ten repeat interviewees, 100% started and completed the electronic survey, while only 75% (three of four) new participants finished. At the beginning of the electronic survey, participants were asked if they would be interested in participating in the survey; a total of five repeat interviewees and three new participants (57%) chose to proceed with the survey, while the remaining six combined participants (43%) answered “no” and completed the survey at that point. Survey responses summarized in the following sections are based upon the feedback received from the individuals who proceeded with the survey. It shall be noted that some interviewees chose to skip a limited number of survey questions at their discretion.

A summary of survey responses for each respective group is provided in [Appendix D](#). A matrix of the interviewees by interest group is presented in [Table 4-2](#). A full list of interviewees is provided in [Appendix E](#).

Table 4-2: Interviewee Matrix

Category	Number of Participants*
Base Residents	-
Community Groups	✓✓✓✓✓✓✓✓
Community Residents	✓✓✓✓✓✓✓✓
Community Services	✓✓✓✓
Educational Services	✓✓
Environmental Groups	✓✓✓✓
Government	-
Local Business Representatives	✓✓✓✓✓✓✓✓
Regulatory Agencies	✓
Technical Review Committee Members	-

*participants may overlap in more than one category; 14 total responses were collected.

4.7 INTERVIEW TOPICS AND RESULTS

Interview questions were developed to gather information about the following:

- Community Background
- Familiarity with the IR Program at MCB Camp Pendleton and participation in 2006 CIP (Community Involvement Plan) community interviews
- Environmental and community concerns
- Interests in receiving information
- Knowledge of past community involvement and contact with the Marine Corps
- Confidence in the Marine Corps to clean up MCB Camp Pendleton and of the regulatory agencies to provide effective oversight
- Suggestions for community involvement outreach, recommended media resources, and feedback on the possible use of social networking as a communication tool with the public
- Use of information repositories and interest in future updates
- Additional comments and concerns

4.7.1 Community Background

In order to determine the stability and variety of the cross-section of the community interviewed, interviewees were asked several questions, including the length of time that they had lived and/or worked on or around MCB Camp Pendleton, as well as any affiliation that they may have with community organizations and/or environmental groups. The average length of time that interviewees had lived and worked in the area was 25 years and 15 years, respectively. Repeat interviewees reported living in the community an average of 34.6 years, compared with an average of one year for new participants; similarly, repeat interviewees had worked in the area significantly longer than new participants, an average of 21.75 years compared to six years. Of the total

combined respondents, two were base employees and none were base residents. All interviewees were categorized as members of more than one group, as outlined in [Table 4-2](#).

Seventy-five percent of the combined respondents were members of community and/or environmental groups, including philanthropic groups, community planning groups, school districts, community groups, business development and environmental organizations. Of the reporting subgroup, 50% had more than one affiliation. A complete list of community groups referenced during the community interview process is provided in [Appendix F](#).

4.7.2 Familiarity with the MCB Camp Pendleton IR Program

In order to gauge the success of past community outreach, interviewees were asked several questions regarding communications with the community. Detailed survey questions in this area focused on those individuals who had not participated in the 2006 community interview process.

Overall, knowledge about environmental cleanup activities on base appears to be limited, with two-thirds of the individuals, or 66%, reporting very little or no knowledge, while one person (33%) reported a good understanding of cleanup initiatives. Fact sheets, flyers, news articles and project documents were the methods of communication cited for those who were aware of environmental cleanup activities. Vehicles for transmission of this information included regulatory agencies, MCB Camp Pendleton's Environmental Security department, and "brief articles in local newspapers".

Former participants were asked if they recalled participating in the 2006 community interviews, of which 80% (four of five) responded that they did remember involvement in the previous survey.

4.7.3 Environmental Concerns

Both groups of interviewees were asked if they had any current concerns about the environmental cleanup program on base. One-hundred percent (100%) of the individuals responding to the question advised that they do not have any concerns about the program.

4.7.4 Community Concerns and Interest in Information

When new survey participants were asked how they would characterize the community's perception of the base's environmental cleanup program, one interviewee responded that they would categorize community perception as "fair", while the remaining two participants chose to skip this question. All three respondents (100%) advised no knowledge of any community concerns, nor did they surmise any potential concerns that members of the surrounding community might possess with regard to the program. One respondent advised that most community members are unaware of the program, and another stated that they did not believe that the Navy was effective in communicating program status.

Survey participants were asked if they were interested in some aspects of base cleanup. Seventy-five percent of new survey participants (three of four) responded to the question, with 67% of that subgroup expressing an interest in some aspect of base cleanup and 33% advising no interest. One respondent advised that they would like to be kept more up-to-date on the status of the clean-up efforts for all identified IR Sites, specifically having knowledge of the locations and projected completion dates. Another individual advised an interest in ecological/biological resources and habitat restoration.

Respondents reported most frequently that email was the preferred mode of communication for environmental program updates on a quarterly or semi-annual basis. Additional methods of communication included MCB Camp Pendleton's website, fact sheets, and newspaper articles.

4.7.5 Prior Marine Corps Contact

When asked if they had had previous contact with the Marine Corps, local, state, or other officials regarding environmental activities at MCB CP, 75% of new interviewee participants responded to the question, with only one response (33% of the subgroup) in the affirmative, citing reference to project site review.

4.7.6 Confidence in the Marine Corps and Regulators to Clean Up MCB Camp Pendleton

One-hundred percent of responding interviewees (new participants) reported that they have confidence in the Marine Corps' ability to adequately clean up MCB Camp Pendleton property. Similarly, all respondents expressed confidence in State and Federal Regulators to provide effective oversight to IR Program projects.

4.7.7 November 2006 Community Involvement Plan

In an effort to meet the informational needs of the community and enhance outreach, new interview participants were asked several questions about the 2006 CIP (Community Involvement Plan), followed by queries about IR (Installation Restoration) Program Information Repositories.

Seventy-five percent of survey participants answered the plan-related questions. Of that subgroup, one participant (33%) advised that they were aware of the November 2006 CIP, citing knowledge via internal MCB Camp Pendleton email. The respondent advised a vague recollection of the document and that perhaps they were given a draft for review, although the interviewee could not confirm this.

The balance 67% of question respondents advised no knowledge of the plan. Of these individuals, 100% advised that at no time did they feel that there was an opportunity during which they would have found the CIP helpful.

4.7.8 Information Repositories

The MCB CP IR Program complies with CERCLA requirements for an Information Repository by establishing and maintaining storehouses at the

Environmental Security office and the Oceanside Public Library. In addition, several program documents have been posted on the IR Program pages of the MCB Camp Pendleton website, providing documents for public review online.

In order to determine the effectiveness of these locations, both new and repeat interviewees were asked several questions. Of the eight individuals who answered the question, 100% advised that they had not visited either repository location. In addition, the same respondents advised that they had not visited the on-line repository, either.

When asked if they would be interested in receiving updates on the web-based information repository, 88% responded in the positive, with a majority of respondents (86%) requesting email notification of website updates, and one request for update notification via U.S. Mail.

4.7.9 Recommended Media Resources

Respondents reported that the Internet would be the most effective way for the Marine Corps to communicate with the public, followed by local newspapers and lastly fact sheets/newsletters. Interviewees cited the *North County Times* as the best resource for posting public information, followed by the *Fallbrook/Bonsall Village News*. Other newspapers mentioned included the *San Diego Union-Tribune* and the *Orange County Register*, both with two responses, followed by the Los Angeles Times, the *San Clemente Post*, and the *San Clemente Times* with one response each. Two write-in responses were referenced as the “best” way to communicate with respondents, citing “through DTSC” and “via internal Camp Pendleton email”.

“Good” and “average” media resources covered the spectrum of choices offered, with numerous references to television, newspaper, fact sheets/newsletters, radio and the Internet. One response each was logged for television, newspaper, and radio as resources that ranked “less than average” and “not good”.

The radio station most interviewees listen to was KOGO (AM 600), as well as various unspecified satellite radio stations. A variety of other radio stations were reported, primarily talk show and news-oriented, demonstrating the focus of the cross-section of the population interviewed.

There are no fewer than three cable television companies that provide service to MCB Camp Pendleton residents and members of neighboring communities. In addition, cable access in Fallbrook is limited; therefore many residents in that area rely on satellite television.

Interview participants reported viewing several television stations, of which the most popular was KPBS. Other television channels mentioned include the ABC and NBC affiliates, ESPN, and references to “major networks”, “local San Diego” and “Los Angeles” stations.

Among the three cable providers to the greater MCB Camp Pendleton community, there are five cable community access and/or government channels available to subscribers. Two interviewees (38%) reported watching one or more community access or government channel, with specific reference to KOCT (Oceanside) and Orange County community access channels.

Local media resources are listed in [Appendix G](#).

4.7.10 Social Networking

Social networking entails the interaction among a group of people who share common interests. Social network sites have been developed on the theory that individual computers can be linked electronically, forming a backbone for computer-aided social interaction and networking. ([Hiltz and Turoff, 1993](#))

Social networks' increase in popularity and usability make them powerful tools for communications among individuals, as well as between businesses, educators, researchers, and other entities interested in sharing and receiving information. The method of communications are broad, including interaction

through chat, messaging, email, video, file-sharing, blogging, forums, discussion groups, and applications.

In an effort to improve communication and IR Program outreach efforts, initial steps at understanding the interest in and effectiveness of social networking as a possible tool for IR Program outreach were taken. New and returning interviewees were asked if they currently participate in social networking as a means to keep up-to-date on issues of interest. Of the eight responses received, two (25%) advised that they do use social networking and five (63%) stated that they do not use this tool. One person (13%) reported that they do not know what social networking is.

In order to determine the most popular social networking sites for the greater MCB Camp Pendleton community, interviewees were asked which sites they currently use. The most popular response (67%) was LinkedIn, followed by Facebook (33%). It should be noted that only two of the eight active participants answered this question, representing 25% of respondents.

When asked if they thought that social networking would be an effective means of communications by IR Program personnel on program updates, three of the eight (38%) participants responded, of which 100% answered in the affirmative.

4.7.11 Other Comments and Concerns

At the close of each survey, participants were asked if they had any additional comments, concerns or suggestions. None of the interview participants expressed the need to provide additional information.

In addition, each participant was asked if they would like to be included in the MCB Camp Pendleton IR Program Mailing List. Of the eight participants who completed the survey, two (25%) requested to be included in future informational mailings. No referrals were provided for individuals or organizations to participate in this community interview process.

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5.0 COMMUNITY INVOLVEMENT PROGRAM

This section presents the Community Involvement Program implemented under the IR Program for MCB Camp Pendleton.

5.1 GOALS OF COMMUNITY INVOLVEMENT

As part of the Marine Corps's ongoing effort to continue and improve communication with the public, current information about the community, information collected from the 2006 CIP (Community Involvement Plan), and responses from the current community interviews, as summarized in [Section 4.7](#), were used to develop this program. This document is an update to the original CIP for MCB Camp Pendleton issued in November 2006 ([Barrett, 2006](#)).

Through review of the 2006 CIP and analysis of the current community interview data, it is apparent that the Marine Corps, IR Program representatives, and regulatory officials have been meeting the needs of the community. In an effort to maintain and enhance current outreach efforts, the goals of this Community Involvement Program include:

1. Increase interested community members' awareness of IR Program within the MCB Camp Pendleton community;
2. Develop effective communication strategies with the public regarding program-related updates; and
3. Involve the public at critical points in the remediation process.

5.2 FEDERAL AND STATE GUIDANCE DOCUMENTS

Federal and state environmental statutes and amendments require community involvement activities for hazardous waste sites. EPA, DoD, and DTSC have prepared guidance documents to address these requirements and to suggest additional relevant activities.

The following state and federal environmental statutes and amendments require community involvement for hazardous waste sites:

- CERCLA, 1980 (42 United States Code 9601, and following sections), also known as Superfund
- Superfund Amendments and Reauthorization Act of 1986 (SARA), which amended CERCLA
- Community Environmental Response Facilitation Act of 1992 (CERFA), which also amended CERCLA
- California Health and Safety Code, Division 20
- Title 22, California Code of Regulations, Division 4.5
- California Public Resources Code, Section 21000 and following sections

The guidelines for conducting community involvement activities, including preparing a CIP, are set forth in the following:

- Superfund Community Involvement Handbook ([US EPA, 2002a](#))
- Superfund Community Involvement Toolkit ([US EPA, 2002b](#))
- Navy Environmental Restoration Program Manual ([DON, 2006](#))

5.3 OBJECTIVES OF THE COMMUNITY INVOLVEMENT PROGRAM

Following detailed research on the MCB Camp Pendleton community and upon completion of the community interview process, a series of community involvement objectives were developed. This document will explain the issues behind each objective, followed by a list of recommended community outreach activities. The specific plan for these activities including frequency, schedule, and method of implementation are discussed in [Section 5.4](#).

5.3.1 Objective 1: Enhance community members' knowledge of environmental cleanup initiatives on base

Feedback received during the current community interview process reconfirmed results from the 2006 CIP that overall, the public does not seem to be concerned with environmental cleanup initiatives on MCB Camp Pendleton. There remains, however, an apparent lack of awareness of the scope and/or progress of environmental cleanup activities on base.

In order to inform community members of program updates on progress and achievements, the following activities are recommended:

- Update the MCB CP IR Program web pages with current IR Site status
- Notify interested community members of website updates

5.3.2 Objective 2: Enhance communications with the public regarding environmental cleanup activities and possible effects on the environment

Individuals who participated in the community interviews for the current CIP advised that periodic updates would suffice for informational purposes; however, in review of feedback received during the 2006 community interviews, it is important to continue to inform the public if the remediation process were to affect the health, safety, or well-being of residents, students, businesses, employees, and visitors, both on and off Base. In addition, current concerns were expressed regarding the effects of cleanup activities on biological and ecological resources.

The following activities have been identified as effective ways to enhance communication with the public:

- Update the MCB CP IR Program web pages with current IR Site status
- Provide relevant data on the effects that cleanup activities may have on biological and ecological resources

- Publish informational fact sheets and/or newsletters as necessary to educate the public about the remediation process, the status of activities on MCB Camp Pendleton IR Program status, and health and safety measures that the Marine Corps and regulators are taking to ensure the well-being of community members

5.3.3 Objective 3: Engage the community in the cleanup process

Community members who participated in the interview process requested summary updates of the IR Program on a periodic basis. In accordance with feedback received during the development of the 2006 CIP, it is recommended that community members receive timely advice of issues of concern, or in anticipation of a removal action.

In order to enable educated, meaningful involvement by the public in the cleanup process, the following activities have been identified as an effective means of engaging the public:

- Continue to develop and distribute informational fact sheets on cleanup activities and post on the IR Program web pages
- Continue to hold TRC (Technical Review Committee) and community meetings at appropriate points in the remediation process
- Continue to publicize the availability of the community information repositories
- Continue to use media resources to inform the public of upcoming activities or public comment periods

5.4 IMPLEMENTATION OF THE ELEMENTS OF THE COMMUNITY INVOLVEMENT PROGRAM

Community Involvement Programs are implemented through community involvement activities, such as those described below. In many cases these activities are already part of the existing community relations program for MCB Camp Pendleton, but certain enhancements or specifics are being added. In all cases the frequency or schedule of these activities is explained.

5.4.1 Grants for Technical Assistance

5.4.1.1 The TAPP Grant

The Technical Assistance for Public Participation (TAPP) Grant is a DoD program that provides funds for community members involved in the TRC (Technical Review Committee) to obtain independent technical analyses of cleanup documents. This program provides funding up to \$25,000 per year, with a maximum limit of \$100,000, to any single TRC. At MCB Camp Pendleton, the Marine Corps administers the TAPP grant acquisition process.

The TRC members identify documents that will help them participate more effectively in the Marine Corps IR Program. Once an application is approved, the TRC members suggest some preferred providers, the Marine Corps prepares a statement of work, and procures a technical assistance provider.

5.4.1.2 The TAG Program

The Technical Assistance Grant (TAG) program awards grants of up to \$50,000 for qualified citizens' groups to hire independent technical advisors to assist them in understanding and commenting on technical factors in cleanup decisions. The money may also be used to communicate technical comments to other members of the community. More information on the TAG Program may be found on the EPA's Superfund Community Involvement web page at <http://www.epa.gov/superfund/tools/tag/>.

5.4.1.3 The TASC Program

The community may also be interested in obtaining assistance through the EPA Technical Assistance Services for Communities (TASC) program, a new program that provides technical assistance to communities affected by hazardous substances. Environmental engineers and scientists from private companies and universities help community members better understand and become involved in the cleanup process for hazardous waste sites so that they can participate in the decision-making process more effectively.

Detailed information on applying under this program can be found on EPA's website at <http://www.epa.gov/superfund/community/tasc/> and in the Superfund Community Involvement Toolkit, which is also available on EPA's website ([US EPA, 2009](#)).

5.4.2 Program Data Resources

5.4.2.1 Administrative Record

An AR (Administrative Record) file has been established for MCB Camp Pendleton's Installation Restoration (IR) Program. It includes technical reports, project documents, and other supporting documentation that form the basis for selection of remedial actions under the IR Program. The AR file is maintained at NAVFAC SW in San Diego, California, and is available for public review. It will continue to be maintained for at least 50 years after environmental restoration activities are completed at MCB Camp Pendleton and will serve as a legal and public information resource. Documents may not be removed from NAVFAC SW offices; documents may be photocopied, however photocopy services are not available onsite. A copy of the AR file index is available for public review at the AR.

The Navy is planning to have Internet access to current and historical AR documents in the future. As online access becomes available, interested individuals and groups will be notified via the established [Distribution Lists](#).

To obtain access to the AR files or receive a copy of the index, contact the Administrative Records Coordinator for NAVFAC SW, Ms. Diane Silva, at the following address and telephone number:

Ms. Diane Silva

Naval Facilities Engineering Command Southwest Division

1220 Pacific Highway

Code EV33, NBSD Bldg. 3519

San Diego, CA 92132

(619) 532-1280

diane.silva@navy.mil

Information on the AR may be found in [Appendix B](#), in program fact sheets and on the [IR Program pages of the MCB CP website](#).

5.4.2.2 Information Repository

Information Repositories have been established at the MCB Camp Pendleton Environmental Security Office and the Oceanside Public Library, Civic Center Branch. The address, telephone number, and hours for the both locations are provided in [Appendix B](#).

The Information Repositories may contain program-related documents, including site assessments, Preliminary Assessments (PAs), work plans, Site Investigations (SIs), Remedial Investigations (RIs), Remedial Action Plans, sampling studies, background site information, fact sheets, meeting minutes, and community involvement materials, including the current CIP. New information will be added to both Information Repositories as it becomes available, and out-dated reports will be removed due to space considerations at this public facility. All historical and current documents are available at the AR, with Internet access to AR documents planned in the future.

5.4.2.3 Fact Sheets

The Marine Corps will continue to create specific fact sheets as required during the various stages of the IR Program. These informational documents will be developed and issued to inform interested parties of the progress of the program and of site-specific actions. All project information distributed to the public will be written in language that can be understood without technical training. Hard copies of fact sheets will be available at the community information repositories, as outlined in [Appendix B](#). The Marine Corps will also provide additional copies of published fact sheets to individuals and organizations upon request. Participants in the community interview process did not indicate the need for translation of documents and materials into any other languages; however DTSC offers the following sample statements at the top of English fact sheets and documents depending on the specific language needs of the community:

"If you would like to request a copy of this fact sheet translated into Mandarin, Spanish, or Tagalog please contact Tim Chauvel (714) 484-5487.

如您需要一份中文說明簡訊或有任何疑問，請電 714-484-5406
與黃則忠先生或 714-484-5485 與張寧武先生聯絡。

Kung nais ninyong makakuha ng kopya nitong "fact sheet" sa Tagalog o kung kayo ay may katanungan, paki-tawagan si Jose Marcos sa (714) 484-5492.

Si usted desea una copia de este aviso en espanol o tiene preguntas, por favor comuniquese con Jeanne Garcia (818) 717-6573."

5.4.2.4 Distribution Lists

In conjunction with the development of this CIP, distribution lists have been generated to ensure that information on MCB Camp Pendleton's IR Program is available to the community in an appropriate and timely manner. Two distribution lists are available for IR Program personnel, a list of current TRC members and a Community Distribution List of interested community members. The names, addresses and telephone numbers of all officials and group representatives contacted during the community interviews who requested to receive information about IR Site developments are included in the Community Distribution List. The names, addresses, telephone numbers, and email addresses of private citizens are not included as a part of this Plan, although they will be included in the distribution lists maintained by MCB Camp Pendleton IR Program representatives for cleanup updates. The distribution lists will be updated per individuals and/or groups requests via telephone, Internet, email, U.S. Mail, or meeting sign-up sheets. The distribution lists, including TRC members, key contacts at the Marine Corps, regulatory officials, and interested representatives of each respective community, are included in [Appendix C](#).

5.4.2.5 Internet

Internet access to MCB Camp Pendleton's IR Program can be found on the MCB CP website at <http://www.pendleton.usmc.mil/base/environmental/IR/>. These pages provide an overview of the IR Program; summary of the IR Sites on the installation; a copy of the current CIP; technical terminology relating to remediation activities on the base; relevant Internet links; and contact information for program representatives, regulatory officials, the AR (Administrative Record), and the Information Repositories. Individuals on the distribution lists in [Section 5.4.2.4](#) shall be advised of website updates via the most effective means of communication available to program personnel.

[Appendix B](#) outlines additional online resources, including DTSC's EnviroStor website and several RWQCB tools that are available to facilitate community involvement.

Based on feedback received during the community interview process, social networking does not appear to be an effective means of communication with this community and, as such, no formal program will be established at this time. Should enough public interest be expressed in developing social networking to enhance communications, the Navy will investigate the tools and resources required to participate in this type of communication.

5.4.3 Community Participation Resources

5.4.3.1 Community Meetings

In accordance with EPA and DoD requirements, community meetings will be held at critical times in the remediation process. Notices of any upcoming public meetings will be published approximately two weeks prior to the meeting in the *North County Times*, on the [Scout's website](#), and at the Information Repositories at the MCB Camp Pendleton Environmental Security Office and the Oceanside Public Library, Civic Center Branch location.

In an effort to reach affected community members, community meetings will be held in proximity to the IR Sites of interest.

A detailed list of locations for community meetings, including address and hours of operation, is provided in [Appendix H](#).

5.4.3.2 Public Notices

Federal and state laws require publishing public notices to announce the availability of specific documents for public comment such as PPs (Proposed Plans) and EE/CAs (Engineering Evaluation/Cost Analyses). Public notices will include the following information:

- The name of the document that is available for public comment
- The location of the Information Repository where members of the public can review the document
- The time and location of the public meeting, if one is being held
- The name(s) of the contact person(s)
- Any other information that would be helpful

Based on community feedback received during the interview process, public notices, including information on public comment periods, public meetings, TRC (Technical Review Committee) meetings, and other topics, will be published in the *North County Times*. Public notices will also be published on the [Scout's](#) website.

5.4.3.3 Public Comment Periods

In an effort to ensure effective two-way communication with local community members, public comment periods are a federal requirement of the remedial action process and are established at critical times in the cleanup process. All public comments received by the Marine Corps will continue to be considered and, as appropriate, incorporated into final documents. The Marine Corps will provide formal written responses to these comments. Public Comment Periods will be advertised in the *North County Times* and on the [Scout's website](#).

If significant comments or criticisms are received, a response will be provided to the individuals and/or groups requesting it. These responses document how the Marine Corps has considered public comments during the decision-making process, in addition to providing answers to major comments.

5.4.3.4 Technical Review Committee (TRC)

Federal regulations require the establishment of TRCs. The TRC facilitates input from parties affected by environmental investigation and cleanup activities. Where TRCs or similar advisory groups already exist, the TRC or

similar advisory group shall be considered for conversion to a Restoration Advisory Board (RAB), provided there is sufficient and sustained interest within the community.

The Base formed a TRC 1991. Although the TRC is active, interest has been insufficient to support formation of a RAB. The TRC continues to meet on an as-needed basis to discuss and review remedial goals and cleanup progress. No TRC meetings have been held since submission of the previous (November 2006) CIP.

In conjunction with the research and writing of this Plan, all non-MCB Camp Pendleton TRC members were contacted to confirm their continued interest in participating as members of the TRC. Of the five individuals contacted, two were unable to be reached due to an employment change, one requested to be removed from the list, and two confirmed their interest in continued participation. One additional reference for a new TRC member was made, and this person has been added to the updated list. Contact information was reconfirmed for all interested TRC members. IR Program representatives provided information on current Base personnel who would participate in the TRC. A current listing of TRC members for MCB Camp Pendleton's IR Program may be found in [Appendix C](#).

5.4.3.5 Site Tours

No requests for site tours were made during the current CIP community interview process. If a request is made by a significant number of community members, the Marine Corps will investigate offering a tour of a specific cleanup activity at one or more of the active IR Sites for those individuals as appropriate with respect to cleanup objectives, and the health and safety of any participants.

5.5 LANGUAGE INTERPRETATION NEEDS

Results from the community interviews and analysis of the demographic breakdown of the MCB Camp Pendleton community resulted in the conclusion that there are currently no language interpretation needs for this community. If a significant portion of the population expresses such a need, it will be investigated and the Marine Corps will provide translation of meetings and written materials to better serve these community members.

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Appendix A: IR Sites on MCB CP, Grouped by Operable Unit

Naval Energy and Environmental Support Activity (NEESA) conducted an Initial Assessment Study (IAS) of MCB Camp Pendleton in September 1984, resulting in the identification of eight potentially contaminated sites. In July 1988, Naval Facilities Engineering Command Southwest (NAVFAC SW) [formerly SW DIV] conducted a Site Investigation (SI) at the Base and added 66 Installation Restoration (IR) Sites to the cleanup program; two additional sites were subsequently added, resulting in a total of 76 IR Sites. The sites were grouped into Operable Units (OUs) based on similarities, such as types of environmental issues, selected cleanup methods, and/or geographic location. There are currently 18 active IR Sites on the Base.

A comprehensive Site Management Plan (SMP) was prepared in 2006 ([Batelle, 2006](#)). More detailed information on active and closed IR Sites at MCB Camp Pendleton is available by referencing the SMP at the Administrative Record (AR), as described in [Appendix B](#).

A comprehensive list of MCB Camp Pendleton's IR Sites is provided below. A summary of active IR Sites can be found in [Section 3.0](#).

IR Sites on MCB CP, grouped by current Operable Unit

IR Sites in Operable Unit 1 (ROD signed December 1995)		
Site Number	Description	Status
IR Site 3	Pest Control Wash Rack - 26 Area	Closed
IR Site 4	MCAS Drainage Ditch	Closed
IR Site 4A	MCAS Concrete-Lined Surface Impoundment	Closed
IR Site 5	Firefighter Drill Field - 23 Area	Closed
IR Site 9	41 Area Stuart Mesa Waste Stabilization Pond	Closed
IR Site 24	26 Area Morale, Welfare, and Recreation Maintenance Facility	Closed
IR Sites in Operable Unit 2 (ROD signed September 1997)		
Site Number	Description	Status
IR Site 2B	Grease Disposal Pit - 32 Area	Closed
IR Site 3	Pest Control Wash Rack - 26 Area	Closed
IR Site 5	Firefighter Drill Field - 23 Area	Closed
IR Site 6 (soil only)	DPDO (DRMO) Scrap Yard & Building 2243 Railroad Tracks	Closed
IR Site 8	Las Pulgas Landfill	Removed
IR Site 8A	Las Flores Creek - 43 Area	Closed
IR Site 14	San Onofre Landfill	Removed
IR Site 15	Nearby Groundwater to Site 3	Closed
IR Site 19	31 Area Assault Craft Unit (ACU-5) LCAC	Closed
IR Site 20	43 Area Las Pulgas Vehicle Wash Rack	Closed
IR Site 22	23 Area Unlined Surface Impoundment	Closed
IR Site 28	26 Area Trash Haulers Maintenance Area	Closed
IR Site 31	Building 210801 Transformer - 21 Area	Closed
IR Site 43	Santa Margarita Basin Groundwater Study	Closed
IR Site 44	Santa Margarita Basin Surface-Water and Sediment Study	Closed
IR Site 45	Santa Margarita Coastal Wetland Study	Closed

IR Sites in Operable Unit 3 (ROD signed January 1999)		
Site Number	Description	Status
IR Site 1A	Refuse Burning Ground in 14 Area	Active
IR Site 1B	Refuse Burning Ground in 11 Area	Closed
IR Site 1C	Refuse Burning Ground in 13 Area	Closed
IR Site 1E	Refuse Burning Ground in 32 Area	Closed
IR Site 1F	Refuse Burning Ground in 43 Area	Closed
IR Site 1G	52 Area Refuse Burning Ground	Removed
IR Site 1I	Refuse Burning Ground in 63 Area	Closed
IR Site 2A	Grease Disposal Pit in 14 Area	Closed
IR Site 2C	Grease Disposal Pit in 33 Area	Closed
IR Site 2D	Grease Disposal Pit in 43 Area	Closed
IR Site 2E	53 Area Grease Disposal Pit	Not Found
IR Site 2F	Grease Disposal Pit in 62 Area	Closed
IR Site 2G	Grease Disposal Pit in 31 Area	Closed
IR Site 7	Box Canyon Landfill	Active
IR Site 10	26 Area Sewage Sludge Composting Yard	Closed
IR Site 13	27 Area Asphalt Plant	Closed
IR Site 16	22 Area Buildings 22151 & 22187 Ditch Confluence and Ditch	Closed
IR Site 17	22 Area Building 22187 Marsh and Ditch	Closed
IR Site 18	13/16 Area Building 1687 Spill and Ditch	Closed
IR Site 27	22 Area Ditches Behind Building 22210	Closed
IR Site 29	25 Area Skeet Range	Removed
IR Site 32	Drum Storage Area & Drainage Between Buildings 41303 & 41366	Closed
IR Site 34	Combat Engineers Maintenance Facility, Buildings 62580-62583	Closed
IR Site 35	Former Sewage Treatment Plant Facility in 25 Area	Closed

IR Sites in Operable Unit 3 (ROD signed January 1999)		
Site Number	Description	Status
IR Site 36	Debris Pile Area Behind Ponds at Sewage Treatment Plant II	Closed
IR Site 37	Pesticide- and POL-Handling Areas at San Clemente Ranch	Closed
IR Site 38	52 Area Sewer Line, Building 52188	Closed
IR Site 39	41 Area Sewer Line, Buildings 41300 and 41346	Closed
IR Site 40	13 Area Sewer Line, Building 13103	Closed
IR Site 41	13 Area Sewer Line, Building 13128	Closed
IR Site 42	13 Area Sewer Line, Building 13129	Closed
IR Sites in Operable Unit 4 (ROD signed June 2007)		
Site Number	Description	Status
IR Site 1D	Refuse Burning Ground in 20 Area	Active
IR Site 1E-1	Former Refuse Burning Ground Located in the 32 Area	Closed
IR Site 30	Firing Range Soil Fill in 31 Area	Active
IR Sites in Operable Unit 5 (ROD signed January 2008)		
Site Number	Description	Status
IR Site 1A-1	Former Waste Disposal Area	Closed
IR Site 1H	Refuse Burning Grounds Outside SMB	Active
IR Site 6A (soil only)	DPDO (DRMO) Scrap Yard	Closed
12 Area Site 13	Former Location of Buildings 1280 and 1283	Active
IR Site 21	Former Fuel Dock Facility	Active
IR Site 33	52 Area Armory and Drainage to Southeast	Active
IR Site 62	Former Asphalt Batch Plant	Active
IR Site 1111	Burn Pit Adjacent to Site 3 (Former Pesticide Wash Rack)	Active
IR Site 1115	13 Area FSSG Lot	Active
22/23 Area Groundwater Site	IR Sites 4, 4A, 6, 6A, 16,17 and 27	Active

IR Sites in Not in an Operable Unit		
Site Number	Description	Status
IR Site 46	Groundwater Study outside SMB	Closed
IR Site 47	Surface Water and Sediment Study Outside SMB	Closed
IR Site 48	Coastal Wetland Study Outside SMB	Closed
IR Site 150	Building 210577	Active
IR Site 1114	Former Waste Stabilization Pond	Active
IR Site 1116	14 Area Groundwater	Active
IR Site 1117	15/16 Area Groundwater	Active
IR Site 1118	21/26 Area Groundwater	Active
IR Site 1119	26 Area Groundwater	Active

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Appendix B: Administrative Record and Information Repositories

Administrative Record

The complete Administrative Record (AR) for MCB Camp Pendleton is maintained at the Naval Facilities Engineering Command Southwest (NAVFAC SW) in San Diego, California.

Copies of documents located at the AR are available by contacting:

Ms. Diane Silva

Naval Facilities Engineering Command Southwest Division

1220 Pacific Highway

Code EV33, NBSD Bldg. 3519

San Diego, CA 92132

(619) 556-1280

diane.silva@navy.mil

Administrative hours are Monday through Friday from 8:00 a.m. to 5:00 p.m.

Appointments must be made to review documents. Documents may not be removed from the facility; they may be photocopied, however, photocopy services are not available on-site.

Community Information Repositories

To provide the local community with opportunities to review project documents, two Information Repositories have been established for MCB Camp Pendleton's IR Program. A copy of the complete AR index and pertinent documents are available for public review at these established resources. The base location is housed in the Environmental Security Office, and the off-site location is at the Oceanside Public Library, Civic Center Branch.

Marine Corps Base Camp Pendleton

Environmental Security Office

Building 22165

Camp Pendleton, CA 92055-5008

(760) 725-9744

Office Hours:

Monday	8:00 a.m. – 5:00 p.m.
Tuesday	8:00 a.m. – 5:00 p.m.
Wednesday	8:00 a.m. – 5:00 p.m.
Thursday	8:00 a.m. – 5:00 p.m.
Friday	8:00 a.m. – 5:00 p.m.
Saturday	CLOSED
Sunday	CLOSED

Oceanside Public Library, Civic Center Branch

Periodicals Storage, Lower Level

330 N Coast Hwy

Oceanside, CA 92054- 2824

(760) 435-5600

Library Hours:

Monday	9:00 a.m. - 8:00 p.m.
Tuesday	9:00 a.m. - 8:00 p.m.
Wednesday	9:00 a.m. – 5:30 p.m.
Thursday	9:00 a.m. – 5:30 p.m.
Friday	9:00 a.m. – 5:30 p.m.
Saturday	9:00 a.m. – 5:30 p.m.
Sunday	CLOSED

Internet Resources

In 2006, dedicated web pages were developed for the MCB Camp Pendleton IR Program in order to enhance communications with the public, regulatory officials, and program personnel. In conjunction with the current CIP (Community Involvement Plan), the IR Program web pages will be updated. The MCB Camp Pendleton IR Program web pages may be found on the Internet at <http://www.pendleton.usmc.mil/base/environmental/IR/index.htm>. This resource currently provides the following information:

- An overview of the IR Program
- Current and future fact sheets, including program updates, achievements, and status
- Links to related resources for additional information on environmental initiatives and cleanup technologies
- A link to an electronic version of this CIP and other relevant program documents, reports, or data sheets
- Contact information for the AR and Information Repository locations as outlined in this CIP

In addition to the electronic resource available on the MCB Camp Pendleton website, the Department of Toxic Substances Control (DTSC) and the State of California Regional Water Quality Control Board (RWQCB) also provide access to electronic documents via the Internet.

DTSC hosts an extensive online repository that is available to the public at http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=37970009.

RWQCB maintains several tools to facilitate community involvement, including:

- **Public Record**

The San Diego Water Board (RWQCB Region 9) maintains an official public record of all documents sent or received by the agency. The public may review the records by requesting a file review as described on the RWQCB Region 9 website:

http://www.waterboards.ca.gov/sandiego/about_us/contact_us/records.shtml.

- **GeoTracker**

The State Water Board maintains the GeoTracker Database as a public information tool on the Internet at <http://geotracker.waterboards.ca.gov>.

Information on MCB Camp Pendleton's environmental cleanup program may be found by using the "Advanced Search" navigation.

- **Public Notices**

RWQCB Region 9 posts public notices to solicit input on corrective action work plans and upcoming site closures on their website, as well as in agendas for the regularly scheduled meetings for the local Water Board.

Current electronic documents may be found on the Internet at

http://www.waterboards.ca.gov/sandiego/public_notices/ and

http://www.waterboards.ca.gov/sandiego/board_info_agendas/.

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Appendix C: MCB Camp Pendleton IR Program Distribution Lists

In an effort to communicate information on IR Program projects to advisory and community members, two distribution lists have been developed.

Technical Review Committee Member List

Federal regulations require the development of a Technical Review Committee (TRC) at all DON and Marine Corps facilities involved in environmental restoration programs beyond the Preliminary Assessment/Site Inspection (PA/SI) phase. The TRC facilitates input from all parties affected by environmental investigation and cleanup. MCB Camp Pendleton's TRC was formed in 1991 and meets as needed, typically before a major project document is released for agency and public review. TRC meetings are open to the public.

A current list of TRC members is provided below.

Ms. Rosa Abreu

Chemical Engineer
County of San Diego
Air Pollution Control District
10124 Old Grove Road
San Diego, CA 92131
Rosa.abreu@sdcounty.ca.gov

Mr. Joseph Murtaugh

Installation Restoration(IR)Manager, RCRA
Division
AC/S Environmental Security
Marine Corps Base
Box 555008
Camp Pendleton, CA. 92055-5008
joseph.murtaugh@usmc.mil

Mr. Charles Bradshaw

Recycling Program Manager
Marine Corps Base, Camp Pendleton
FMD CGA
Box 555009, Bldg 2291
Camp Pendleton, CA 92055-5008
charles.p.bradshaw@usmc.mil

Ms. Judy Gibson

Environmental Contaminants Biologist
U.S. Department of the Interior
Fish and Wildlife Service
Field Spill Coordinator
6010 Hidden Valley Rd.
Carlsbad, CA 92011
judy_gibson@fws.gov

Mr. Steve Griswold

Parsons
100 W. Walnut Street
Pasadena, CA 91124
steve.griswold@parsons.com

Mr. Sam Guello

Naval Hospital, Camp Pendleton
Industrial Hygiene Department
Bldg H-100
Camp Pendleton, CA 92055-5191

Mr. Martin Hausladen
Site Manager
U.S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, CA 94105
marrtinhausladen/r9/usepa/us@epa.gov

Dr. Charlie Huang
Ecological Toxicologist
Department of Fish & Game
OSPR Headquarters
1700 K Street, Room 250
Sacramento, CA 95814
chuang@ospr.dfg.ca.gov

Mr. Jeremy Jungreis
Water Resources Office
AC/S, Facilities
Box 555013, Bldg. 1142
Camp Pendleton, CA 92055-5151

Capt. Kochersberger
Marine Corps Air Station,
Camp Pendleton
Environmental Office
Box 555151, Bldg 23171
Camp Pendleton, CA 92055-5151

Mr. Tayseer Mahmoud
Project Manager
Department of Toxic Substances Control
California Environmental Protection Agency
5796 Corporate Ave.
Cypress, CA 90630
tmahmoud@dtsc.ca.gov

Ms. Theresa Morley
MCB Camp Pendleton IR Program
Remedial Project Manager
NAVFACSW Code OPCE.TM
1220 Pacific Highway
San Diego CA 92132-5181
theresa.morley@navy.mil

William Paenocas
Department of Fish & Game
OSPR Headquarters
1700 K Street, Room 250
Sacramento, CA 95814
wpaenocs@ospr.dfg.ca.gov

Ms. Cheryl Prowell
Regional Water Quality Control Board
9174 Skypark Court, Suite 100
San Diego, CA 92123-4353
CProwell@waterboards.ca.gov

Ms. Carolyn Rech
Staff Environmental Scientist
Department of Fish & Game
Office of Spill Prevention and Response
Scientific Branch
1700 K Street, Room 250
Sacramento, CA 95811
crech@ospr.dfg.ca.gov

Community Distribution List

The Marine Corps Base Camp Pendleton Community Distribution List is used to send out information and updates to the interested community members in and around MCB Camp Pendleton. The list includes Base residents, business leaders, and representatives from community and civic organizations, elected officials, environmental groups, and the news media. Those on the list will receive fact sheets and other information pertinent to cleanup efforts on MCB CP.

The list was updated as a result of the current community involvement interview process, including interviewees, individuals and groups that were on the master contact list for interviews but whom did not participate, and referrals gathered from interviewees, themselves. Methods used to update the distribution lists include requests made through Base representatives, via U.S. Mail or email, at TRC meetings or other community events; documentation of phone inquiries; and public meeting sign-in sheets. The list will continue to be updated to ensure that the Marine Corps is reaching all interested and concerned parties. To be included or removed from the distribution lists, contact Joseph Murtaugh as listed in the TRC Member List, earlier in this Appendix.

MCB Camp Pendleton Base Personnel

Major Kristen Lasica, Director
Consolidated Public Affairs Office
Marine Corps Base Camp Pendleton
Building 1160
Floor 2, Room/Cube 122
Camp Pendleton, CA 92055
tbd@usmc.mil

Sgt Michael Knight, Editor
Consolidated Public Affairs Office
Marine Corps Base, Attn: The Scout
Box 555019
Camp Pendleton, CA 92055
michael.knight@usmc.mil

Robert Marshall
Deputy Director of Housing (PPV)
Bldg 1138
Camp Pendleton, CA 92055
(760) 763-4199
robert.e.marshall1@usmc.mil

Mr. Larry Rannals, Director
Community Plans and Liaison Office
Marine Corps Base Camp Pendleton
Commanding Officer (Attn: CPLO)
Box 555010
MCB Camp Pendleton CA 92055-5010
larry.rannals@usmc.mil

Sandra Jensen, Head Librarian
Patrick J. Carney Library
Bldg 1146
Camp Pendleton, CA 92054
sandra.jensen@mccs.org

Maria Swanson, CPLO
School Liaison
Commanding Officer (Attn: CPLO)
Box 555010
MCB Camp Pendleton CA 92055-5010
maria.swanson@usmc.mil

Community Resource Representatives

Fallbrook Chamber of Commerce

David Bergeson, Interim Director
233 E. Mission Road
Fallbrook, CA 92028
(760) 728-5845
david.bergeson@fallbrookchamberofcommerce.com

Fallbrook Land Conservancy

P.O. Box 2701
Fallbrook, CA
92028-2701
(760) 728-0889
flc@sdlcc.org

Fallbrook Community Planning Group

205 Calle Linda
Fallbrook, CA 92028
(760) 728-8081
russellfarms@tfb.com

Oceanside Chamber of Commerce

David Nydegger, Chief Executive Officer
928 N Coast Hwy
Oceanside, CA 92054
(760) 722-1534
david@oceansidechamber.com

City of Oceanside

Shari Mackin, Deputy Mayor
300 N. Coast Highway
Oceanside, CA 92054
(760) 435-3031
smackin@ci.oceanside.ca.us

City of Oceanside

Jim Wood, Mayor
300 N. Coast Highway
Oceanside, CA 92054
(760) 435-3059
jwood@ci.oceanside.ca.us

City of San Clemente

Jim Dahl, Mayor Pro Tem
100 Avenida Presidio
San Clemente, CA 92672
(949) 361-8200
CityHall@san-clemente.org

City of San Clemente

George Scarborough, City Manager
100 Avenida Presidio
San Clemente, CA 92672
(949) 361-8322
CityManager@san-clemente.org

San Clemente Chamber of Commerce

1100 N. El Camino Real
San Clemente, California 92672
(949) 492-1131
contact@scchamber.com

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Appendix D: Interview Questions and Responses

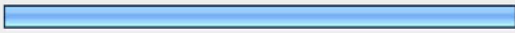

During November and December 2009, community interviews were conducted in compliance with community relations and public participation guidelines and requirements set forth by federal and state laws and amendments. The purpose of these interviews was to evaluate the level of knowledge about, and interest in, environmental cleanup activities at MCB Camp Pendleton; to assess citizen concerns about site cleanup; and to identify appropriate community relations measures to address the concerns and engage the public.

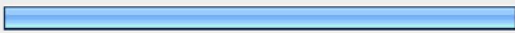
An electronic survey tool was developed in conjunction with DTSC in accordance with EPA and Navy/Marine Corps guidelines, in compliance with federal and state requirements. A full list of interviewees is provided in [Appendix E](#). The following groups were represented in interviews:

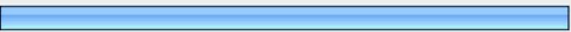
- Community Groups
- Community Residents
- Community Services
- Educational Services
- Environmental Groups
- Local business representatives
- Regulatory agency representatives

Electronically tabulated responses were gathered and are provided below in a summary format. IR Program personnel will retain a detailed spreadsheet of verbatim responses. Responses are grouped by separate survey tools: individuals who were not involved in the 2006 CIP interviews, referred to as “new participants”, and individuals who participated in the previous CIP, referred to as “repeat participants”.

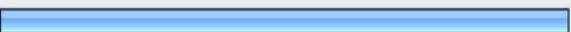
**MCB Camp Pendleton IR Program - Community Involvement Survey - Fall 2009
(New Participant)**

1. For validation and tracking purposes ONLY, please advise your name and affiliation.			Response Percent	Response Count
Name:			100.0%	4
Company:			100.0%	4
			<i>answered question</i>	4
			<i>skipped question</i>	0

2. Would you be interested in participating in this survey for the current community outreach update for MCB Camp Pendleton's environmental cleanup program?			Response Percent	Response Count
Yes			100.0%	3
No			0.0%	0
			<i>answered question</i>	3
			<i>skipped question</i>	1

3. This is an electronic survey tool. Please advise below if you would prefer to participate in the survey by another means.			
		Response Percent	Response Count
PROCEED WITH ELECTRONIC SURVEY TOOL		100.0%	3
Emailed Survey (Adobe PDF document)		0.0%	0
Faxed Survey		0.0%	0
Via U.S. Mail		0.0%	0
Face-to-Face Interview		0.0%	0
<i>answered question</i>			3
<i>skipped question</i>			1

4. How long have you lived and/or worked on or around MCB Camp Pendleton?				
		Response Average	Response Total	Response Count
Lived (# years)		1.00	2	2
Worked (# years)		6.00	18	3
<i>answered question</i>				3
<i>skipped question</i>				1

5. Are you affiliated with any community and/or environmental groups?			
		Response Percent	Response Count
Yes		100.0%	3
No		0.0%	0
<i>answered question</i>			3
<i>skipped question</i>			1

6. Please list the community and/or environmental groups with which you are involved.		
		Response Count
		3
<i>answered question</i>		3
<i>skipped question</i>		1

7. How much do you know about the Marine Corp's environmental cleanup program underway at MCB Camp Pendleton?			
		Response Percent	Response Count
A great deal		0.0%	0
A good understanding		33.3%	1
Some		0.0%	0
A little bit		33.3%	1
Nothing		33.3%	1
Other (please specify)			0
<i>answered question</i>			3
<i>skipped question</i>			1


8. Have you seen any information on MCB Camp Pendleton's IR Program (environmental cleanup)?			
		Response Percent	Response Count
Yes		66.7%	2
No		33.3%	1
<i>answered question</i>			3
<i>skipped question</i>			1


9. What type of information regarding environmental cleanup on the base have you seen (e.g. fact sheets, flyers, posters, news articles, Internet, other)? (Please check any that apply.)			
		Response Percent	Response Count
Fact Sheets	<input checked="" type="checkbox"/>	50.0%	1
Flyers	<input checked="" type="checkbox"/>	50.0%	1
Posters	<input type="checkbox"/>	0.0%	0
News Articles	<input checked="" type="checkbox"/>	100.0%	2
Other (please specify)			1
		<i>answered question</i>	2
		<i>skipped question</i>	2

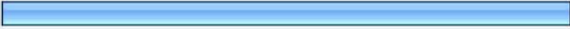
10. How recently did you see the program information?			
		Response Percent	Response Count
Within the past week.	<input type="checkbox"/>	0.0%	0
Within the past month.	<input type="checkbox"/>	0.0%	0
Within the past 6 months.	<input checked="" type="checkbox"/>	50.0%	1
Within the past year.	<input type="checkbox"/>	0.0%	0
More than a year ago.	<input checked="" type="checkbox"/>	50.0%	1
I don't remember.	<input type="checkbox"/>	0.0%	0
Other (please specify)			0
		<i>answered question</i>	2
		<i>skipped question</i>	2

11. What organization(s) provided that information?		
		Response Count
		2
	<i>answered question</i>	2
	<i>skipped question</i>	2



12. Where did you see it?		
		Response Count
		2
	<i>answered question</i>	2
	<i>skipped question</i>	2

13. Do you have any current concerns about the environmental cleanup program on MCB Camp Pendleton?			
		Response Percent	Response Count
Yes		0.0%	0
No		100.0%	3
		<i>answered question</i>	3
		<i>skipped question</i>	1

14. How would you characterize the greater MCB Camp Pendleton community's perception of the base's environmental cleanup program?			
		Response Percent	Response Count
Excellent		0.0%	0
Very Good		0.0%	0
Good		0.0%	0
Fair		100.0%	1
Poor		0.0%	0
Other (please specify)			3
<i>answered question</i>			1
<i>skipped question</i>			3

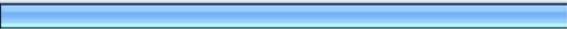
15. Do you feel that there are any community concerns with regard to environmental cleanup on the base?			
		Response Percent	Response Count
Yes		0.0%	0
No		0.0%	0
Don't Know		100.0%	3
<i>answered question</i>			3
<i>skipped question</i>			1


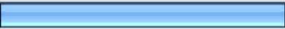
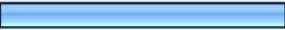

16. What concerns do you feel the surrounding community might have regarding environmental cleanup on MCB Camp Pendleton?		
		Response Count
		0
<i>answered question</i>		0
<i>skipped question</i>		4



17. What aspects of base cleanup are you most interested in, or would you like to receive information about?			
		Response Percent	Response Count
I am NOT interested in any aspect of base cleanup.		33.3%	1
I AM interested in some aspects of base cleanup.		66.7%	2
		<i>answered question</i>	3
		<i>skipped question</i>	1


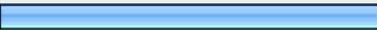
18. Please advise the area(s) of interest that you have with regard to environmental cleanup on MCB Camp Pendleton.		
		Response Count
		2
		<i>answered question</i>
		2
		<i>skipped question</i>
		2

19. Which aspect of base cleanup that you mentioned is most important?		
		Response Count
		2
		<i>answered question</i>
		2
		<i>skipped question</i>
		2

20. Are you interested in receiving environmental cleanup program updates?			
		Response Percent	Response Count
Yes		100.0%	2
No		0.0%	0
<i>answered question</i>			2
<i>skipped question</i>			2

21. What are the best ways to communicate updates on the environmental cleanup program to you? (Check any that apply. Make note of the best method under "other".)			
		Response Percent	Response Count
Email		100.0%	2
Camp Pendleton's Website		50.0%	1
Fact Sheets		50.0%	1
Community Meetings		0.0%	0
Newspaper Articles		50.0%	1
Site Tours/Open Houses		0.0%	0
U.S. Mail		0.0%	0
Other (please specify)			0
<i>answered question</i>			2
<i>skipped question</i>			2

22. How often would you like to receive updates?				
			Response Percent	Response Count
Quarterly		50.0%	1	
Semi-Annually		50.0%	1	
Annually		0.0%	0	
Bi-Annually		0.0%	0	
As Appropriate with Program Developments		0.0%	0	
Other (please specify)			0	
			<i>answered question</i>	2
			<i>skipped question</i>	2

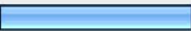

23. Have you had any contact with the Marine Corps, local, state, or other officials regarding environmental activities on MCB Camp Pendleton?				
			Response Percent	Response Count
Yes		33.3%	1	
No		66.7%	2	
			<i>answered question</i>	3
			<i>skipped question</i>	1



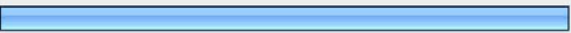
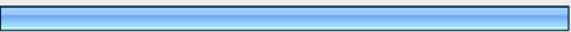
24. You have advised that you have had contact with Marine Corps, local, state, or other officials regarding environmental activities on the base. What was the nature of this contact?			Response Count	
			1	
			<i>answered question</i>	1
			<i>skipped question</i>	3


25. What type of response did you receive?			
		Response Percent	Response Count
Positive		0.0%	0
Neutral		100.0%	1
Negative		0.0%	0
I did not receive a response.		0.0%	0
Other (please specify)			0
		<i>answered question</i>	1
		<i>skipped question</i>	3

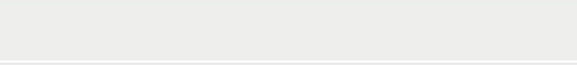
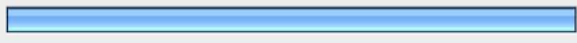
26. Do you have confidence in the U.S. Marine Corps' ability to adequately clean up MCB Camp Pendleton property?			
		Response Percent	Response Count
Yes		100.0%	3
No		0.0%	0
Don't Know		0.0%	0
If not, how can the Marine Corps gain your confidence?			0
		<i>answered question</i>	3
		<i>skipped question</i>	1

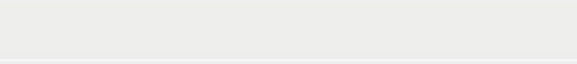
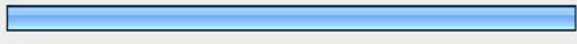
27. Do you have confidence that the United States Environmental Protection Agency (US EPA), the California Department of Toxic Substances Control (DTSC), and the California Regional Water Quality Control Board (RWQCB) will provide effective oversight for the project?			Response Percent	Response Count
Yes			100.0%	3
No			0.0%	0
Don't Know			0.0%	0
If not, how can the regulatory agencies gain your confidence?				0
<i>answered question</i>				3
<i>skipped question</i>				1

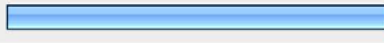
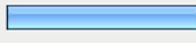
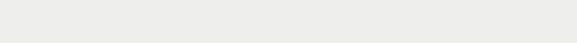
28. Were you aware of the November 2006 Community Involvement Plan for MCB Camp Pendleton's IR Program (e.g. environmental cleanup)?			Response Percent	Response Count
Yes			33.3%	1
No			66.7%	2
<i>answered question</i>				3
<i>skipped question</i>				1

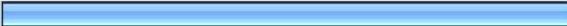
29. You have advised that you were aware of the November 2006 CIP.			
		Response Percent	Response Count
How did you hear about the plan?		100.0%	1
Have you reviewed the document?		100.0%	1
When and where did you review it?		100.0%	1
What led to your interest in reviewing the document?		100.0%	1
		<i>answered question</i>	1
		<i>skipped question</i>	3

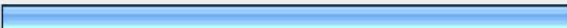


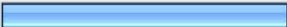

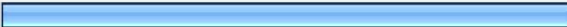


30. You have advised that you were not aware of the November 2006 CIP.			
		Response Percent	Response Count
Was there an opportunity that you would have found the plan helpful?		100.0%	1
When and why would it have been helpful?		0.0%	0
Was your issue or question resolved?		0.0%	0
How and by whom was it resolved?		0.0%	0
		<i>answered question</i>	1
		<i>skipped question</i>	3

31. Have you visited either repository?			
		Response Percent	Response Count
Yes		0.0%	0
No		100.0%	3
<i>answered question</i>			3
<i>skipped question</i>			1

32. Have you visited the online Repository for the IR Program?			
		Response Percent	Response Count
Yes		0.0%	0
No		100.0%	3
<i>answered question</i>			3
<i>skipped question</i>			1

33. Would you be interested in receiving updates on the web-based information repository?			
		Response Percent	Response Count
Yes		66.7%	2
No		33.3%	1
Not sure		0.0%	0
<i>answered question</i>			3
<i>skipped question</i>			1

34. You have expressed interest in receiving updates on the online repository. What is the best way to notify you of website updates?			
		Response Percent	Response Count
Email		100.0%	2
Newspaper or Community Newsletters		0.0%	0
U.S. Mail		0.0%	0
Other (please specify)			0
		<i>answered question</i>	2
		<i>skipped question</i>	2

35. Please provide your contact information in order to be included in future IR Program web page updates. *NAME is mandatory.			
		Response Percent	Response Count
Name:		100.0%	2
Company:		100.0%	2
Address:		50.0%	1
Address 2:		50.0%	1
City/Town:		100.0%	2
State:		100.0%	2
ZIP/Postal Code:		100.0%	2
Email Address:		100.0%	2
		<i>answered question</i>	2
		<i>skipped question</i>	2



36. Which radio stations do you most often listen to?		
		Response Count
		3
		<i>answered question</i>
		3
		<i>skipped question</i>
		1

37. Which television stations do you most often watch?		
		Response Count
		3
		<i>answered question</i>
		3
		<i>skipped question</i>
		1

38. Do you watch the local cable community access channel?			
		Response Percent	Response Count
Yes		33.3%	1
No		66.7%	2
If yes, which one(s)?			1
			<i>answered question</i>
			3
			<i>skipped question</i>
			1

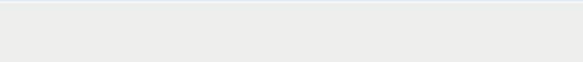
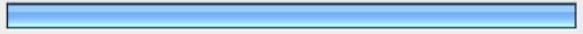
39. Which newspapers do you read regularly?		
		Response Count
		3
		<i>answered question</i>
		3
		<i>skipped question</i>
		1

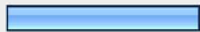
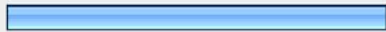
40. In order to best communicate with you, what is/are the best media for receiving local information?						
	Best	Good	Average	Less than Average	Not Good	Response Count
Television	0.0% (0)	0.0% (0)	100.0% (2)	0.0% (0)	0.0% (0)	2
Newspaper	50.0% (1)	0.0% (0)	50.0% (1)	0.0% (0)	0.0% (0)	2
Fact Sheets/Newsletters	50.0% (1)	0.0% (0)	50.0% (1)	0.0% (0)	0.0% (0)	2
Radio	0.0% (0)	0.0% (0)	50.0% (1)	0.0% (0)	50.0% (1)	2
Internet	50.0% (1)	50.0% (1)	0.0% (0)	0.0% (0)	0.0% (0)	2
Other	66.7% (2)	0.0% (0)	0.0% (0)	0.0% (0)	33.3% (1)	3
Please specify "other":						2
<i>answered question</i>						3
<i>skipped question</i>						1

41. Do you participate in Social Networking as a means to keep up-to-date on issues you are interested in?			
		Response Percent	Response Count
Yes		0.0%	0
No		66.7%	2
I don't know what Social Networking is.		33.3%	1
<i>answered question</i>			3
<i>skipped question</i>			1

42. Do you think that Social Networking would be an effective means of communication to receive updates on MCB Camp Pendleton's IR Program?			Response Percent	Response Count
Yes			0.0%	0
No			0.0%	0
Don't Know			0.0%	0
Other (please specify)				0
			answered question	0
			skipped question	4

43. Please advise which Social Networking tool(s) you use. (Please check any that apply.)			Response Percent	Response Count
Facebook			0.0%	0
LinkedIn			0.0%	0
Twitter			0.0%	0
MySpace			0.0%	0
Other (please specify)				0
			answered question	0
			skipped question	4

44. Do you have any other comments, concerns, or suggestions you would like to add?			
		Response Percent	Response Count
Yes		0.0%	0
No		100.0%	3
If yes, please explain.			0
<i>answered question</i>			3
<i>skipped question</i>			1

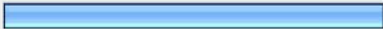

45. Would you like to be included in the MCB CP IR Program Mailing List?			
		Response Percent	Response Count
Yes		33.3%	1
No		66.7%	2
<i>answered question</i>			3
<i>skipped question</i>			1



46. Please provide your contact information in order to receive updates on the MCB Camp Pendleton IR Program.
 *NAME and ADDRESS are mandatory.

		Response Percent	Response Count
Name:	<input type="text"/>	100.0%	1
Company:	<input type="text"/>	100.0%	1
Address:	<input type="text"/>	100.0%	1
Address 2:	<input type="text"/>	100.0%	1
City/Town:	<input type="text"/>	100.0%	1
State:	<input type="text"/>	100.0%	1
ZIP/Postal Code:	<input type="text"/>	100.0%	1
Email Address:	<input type="text"/>	100.0%	1
Phone Number:	<input type="text"/>	100.0%	1
<i>answered question</i>			1
<i>skipped question</i>			3

47. Do you know anyone else who may be interested in participating in this community survey for the environmental cleanup program at MCB Camp Pendleton?

		Response Percent	Response Count
Yes	<input type="text"/>	0.0%	0
No	<input type="text"/>	100.0%	3
<i>answered question</i>			3
<i>skipped question</i>			1

48. May we use your name as an interview participant? (Your name will be KEPT SEPARATE from your answers.)			
		Response Percent	Response Count
Yes		66.7%	2
No		33.3%	1
		<i>answered question</i>	3
		<i>skipped question</i>	1

49. Please confirm your name for accuracy of records. *NAME is mandatory.			
		Response Percent	Response Count
Name:		100.0%	2
Company:		100.0%	2
		<i>answered question</i>	2
		<i>skipped question</i>	2

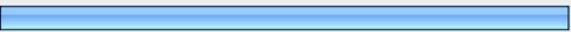
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**MCB Camp Pendleton IR Program - Community Involvement Survey - Fall 2009
(Repeat Participant)**

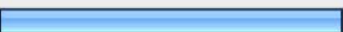
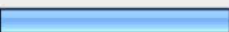
1. For validation and tracking purposes ONLY, please advise your name and affiliation.			
		Response Percent	Response Count
Name:	<input type="text"/>	100.0%	10
Company:	<input type="text"/>	100.0%	10
<i>answered question</i>			10
<i>skipped question</i>			0

2. Would you be interested in participating in this survey for the current community outreach update for MCB Camp Pendleton's environmental cleanup program?			
		Response Percent	Response Count
Yes	<input type="text"/>	50.0%	5
No	<input type="text"/>	50.0%	5
<i>answered question</i>			10
<i>skipped question</i>			0

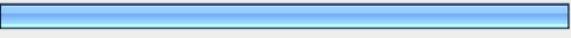
3. During the summer of 2006, you participated in a community survey for MCB Camp Pendleton's IR Program. Do you recall participating in the 2006 interview process?			
		Response Percent	Response Count
Yes	<input type="text"/>	80.0%	4
No	<input type="text"/>	20.0%	1
Don't Remember		0.0%	0
<i>answered question</i>			5
<i>skipped question</i>			5

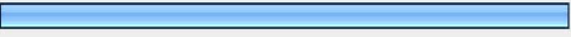
4. This is an electronic survey tool. Please advise below if you would prefer to participate in the survey by another means.			
		Response Percent	Response Count
PROCEED WITH ELECTRONIC SURVEY TOOL		100.0%	5
Emailed Survey (Adobe PDF document)		0.0%	0
Faxed Survey		0.0%	0
Via U.S. Mail		0.0%	0
Face-to-Face Interview		0.0%	0
<i>answered question</i>			5
<i>skipped question</i>			5


5. How long have you lived and/or worked on or around MCB Camp Pendleton?				
		Response Average	Response Total	Response Count
Lived (# years)		34.60	173	5
Worked (# years)		21.75	87	4
<i>answered question</i>				5
<i>skipped question</i>				5

6. Are you affiliated with any community and/or environmental groups?			
		Response Percent	Response Count
Yes		60.0%	3
No		40.0%	2
<i>answered question</i>			5
<i>skipped question</i>			5

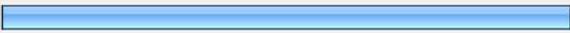
7. Please list the community and/or environmental groups with which you are involved.		
		Response Count
		3
<i>answered question</i>		3
<i>skipped question</i>		7

8. Since your participation in the 2006 interview process, do you have any current concerns about the environmental cleanup program on MCB Camp Pendleton?			
		Response Percent	Response Count
Yes		0.0%	0
No		100.0%	5
<i>answered question</i>			5
<i>skipped question</i>			5


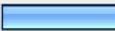
9. Have you visited either repository?			
		Response Percent	Response Count
Yes		0.0%	0
No		100.0%	5
<i>answered question</i>			5
<i>skipped question</i>			5

10. Have you visited the online repository for the IR Program?			Response Percent	Response Count
Yes			0.0%	0
No			100.0%	5
			<i>answered question</i>	5
			<i>skipped question</i>	5

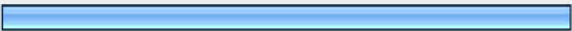







11. When you visited the program web pages, did you find the information posted informative?			Response Percent	Response Count
Yes			0.0%	0
No			0.0%	0
I have not been to the website.			0.0%	0
			<i>answered question</i>	0
			<i>skipped question</i>	10

12. Would you be interested in receiving updates on the web-based information repository?			Response Percent	Response Count
Yes			100.0%	5
No			0.0%	0
			<i>answered question</i>	5
			<i>skipped question</i>	5

13. You have expressed interest in receiving updates on the online repository. What is the best way to notify you of website updates? (Please check all that apply.)


		Response Percent	Response Count
Email		80.0%	4
Newspaper or Community Newsletters		0.0%	0
U.S. Mail		20.0%	1
Other (please specify)			0
		<i>answered question</i>	5
		<i>skipped question</i>	5

14. Please provide your contact information in order to be included in future IR Program web page updates. *NAME is mandatory.

		Response Percent	Response Count
Name:		100.0%	5
Company:		80.0%	4
Address:		40.0%	2
Address 2:		0.0%	0
City/Town:		60.0%	3
State:		60.0%	3
ZIP/Postal Code:		40.0%	2
Email Address:		100.0%	5
Phone Number:		100.0%	5
		<i>answered question</i>	5
		<i>skipped question</i>	5


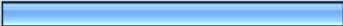
15. Which radio stations do you most often listen to?		
		Response Count
		5
		<i>answered question</i>
		<i>skipped question</i>


16. Which television stations do you most often watch?		
		Response Count
		5
		<i>answered question</i>
		<i>skipped question</i>

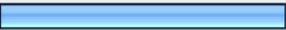

17. Do you watch the local cable community access channel?			
		Response Percent	Response Count
Yes		20.0%	1
No		80.0%	4
If yes, which one(s)?			1
			<i>answered question</i>
			<i>skipped question</i>



18. Which newspapers do you read regularly?		
		Response Count
		5
		<i>answered question</i>
		<i>skipped question</i>

19. In order to best communicate with you, what is/are the best media for receiving local information?						
	Best	Good	Average	Less than Average	Not Good	Response Count
Television	0.0% (0)	50.0% (2)	25.0% (1)	25.0% (1)	0.0% (0)	4
Newspaper	25.0% (1)	50.0% (2)	0.0% (0)	0.0% (0)	25.0% (1)	4
Fact Sheets/Newsletters	0.0% (0)	33.3% (1)	33.3% (1)	0.0% (0)	33.3% (1)	3
Radio	0.0% (0)	40.0% (2)	40.0% (2)	20.0% (1)	0.0% (0)	5
Internet	40.0% (2)	40.0% (2)	20.0% (1)	0.0% (0)	0.0% (0)	5
Other	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	100.0% (1)	1
Please specify "other"						0
<i>answered question</i>						5
<i>skipped question</i>						5

20. Do you participate in Social Networking as a means to keep up-to-date on issues you are interested in?			
		Response Percent	Response Count
Yes		40.0%	2
No		60.0%	3
I don't now what Social Networking is.		0.0%	0
<i>answered question</i>			5
<i>skipped question</i>			5

21. Do you think that Social Networking would be an effective means communication to receive updates on MCB Camp Pendleton's IR Program?			Response Percent	Response Count
Yes		100.0%	3	
No		0.0%	0	
Don't Know		0.0%	0	
Other (please specify)			0	
answered question			3	
skipped question			7	

22. Please advise which Social Networking tool(s) you use. (Please check any that apply.)			Response Percent	Response Count
Facebook		50.0%	1	
LinkedIn		100.0%	2	
Twitter		0.0%	0	
MySpace		0.0%	0	
Other (please specify)			0	
answered question			2	
skipped question			8	


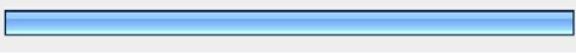
23. Would you like to be included in the MCB CP IR Program Mailing List?			Response Percent	Response Count
Yes		20.0%	1	
No		80.0%	4	
answered question			5	
skipped question			5	

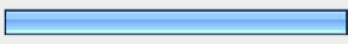

24. Please provide contact information for the MCB Camp Pendleton IR Program Mailing List. *NAME is mandatory.

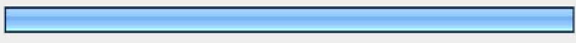

		Response Percent	Response Count
Name:	<input type="text"/>	100.0%	1
Company:	<input type="text"/>	0.0%	0
Address:	<input type="text"/>	0.0%	0
Address 2:	<input type="text"/>	0.0%	0
City/Town:	<input type="text"/>	0.0%	0
State:	<input type="text"/>	0.0%	0
ZIP/Postal Code:	<input type="text"/>	0.0%	0
Country:	<input type="text"/>	0.0%	0
Email Address:	<input type="text"/>	0.0%	0
Phone Number:	<input type="text"/>	0.0%	0
		<i>answered question</i>	1
		<i>skipped question</i>	9

25. Do you have any other comments, concerns, or suggestions you would like to add?

		Response Percent	Response Count
Yes	<input type="text"/>	0.0%	0
No	<input type="text"/>	100.0%	5
		If yes, please explain.	0
		<i>answered question</i>	5
		<i>skipped question</i>	5

26. Do you know anyone else who may be interested in participating in this community survey for the environmental cleanup program at MCB Camp Pendleton?			
		Response Percent	Response Count
Yes		0.0%	0
No		100.0%	5
<i>answered question</i>			5
<i>skipped question</i>			5

27. May we use your name as an interview participant? (Your name will be kept separate from your answers.)			
		Response Percent	Response Count
Yes		60.0%	3
No		40.0%	2
<i>answered question</i>			5
<i>skipped question</i>			5

28. Please confirm your name for reporting purposes. *NAME is mandatory.			
		Response Percent	Response Count
Name:		100.0%	4
Company:		75.0%	3
<i>answered question</i>			4
<i>skipped question</i>			6

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Appendix E: Interviewee List

The table below represents a compilation of the individuals and groups who gave their approval to be included in the tally of participants in the current CIP (Community Involvement Plan) community interview process. Several individuals belong to more than one group or category, and all but one are residents in the greater community; their primary affiliation is noted, below.

Name	Affiliation	On or Off Base
Nydegger, David	Oceanside Chamber of Commerce	Off
Pelham, Samuel	MCB Camp Pendleton CP&LO	On
Rannals, Larry	MCB Camp Pendleton CP&LO	On
Russell, Jim	Fallbrook Community Planning Group	Off

In addition to the consenting participants above, the list below summarizes additional individuals, groups, and organizations were unable to be reached, unavailable for an interview, unresponsive, did not give approval to have their individual name referenced, did not complete the survey, or declined to participate in the community relations interview process.

- Beverages, Etc.
- CA Department of Fish and Game (2)
- Fallbrook Chamber of Commerce
- Fallbrook Land Conservancy
- Fallbrook Union High School District
- Mary Fay Pendleton School
- MCB Camp Pendleton Family Housing
- MCB Camp Pendleton Family Readiness
- MCB Camp Pendleton the *Scout*
- Patrick J. Carney Library
- Pechangea Band of Luiseno Mission Indians
- Public Private Venture (Base) Housing
- San Clemente City Manager
- Santa Margarita School
- Sierra Club
- Stuart Mesa School
- US Dept of Fish & Wildlife

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Appendix F: Area Organizations

Members from the greater MCB Camp Pendleton community participate in a broad spectrum of community groups and organizations. The following is a list of community groups and councils, business organizations, environmental, and civic clubs. This list was compiled using information gathered during the current community involvement interviews, and supplemented with information provided by the three neighboring community Chambers of Commerce, regional media resources, Internet research, and review of local telephone directories. This list will be updated periodically to include additional groups as the Marine Corps becomes aware of them, or as they express an interest in the MCB Camp Pendleton IR (Installation Restoration) Program.

Community Groups, Foundations, Business and Civic Organizations

Camp Pendleton Area Organizations

Camp Pendleton Rotary Club

District 5340 Office
2245 San Diego Avenue
Suite 221
San Diego, CA 92110

Camp Pendleton Armed Services YMCA

Box 555028
Building 1671
Camp Pendleton, CA 92055-5028

Key Volunteer Network

c/o Marine & Family Services
Building 1413
Camp Pendleton, CA 92055

Marine Corps Community Services

Box 555013
Building 1138
Camp Pendleton, CA 92055

Fallbrook Area Organizations

Fallbrook Chamber of Commerce

233 East Mission Road
Fallbrook, CA 92028

Fallbrook Community Planning Group

205 Calle Linda
Fallbrook, CA 92028

Fallbrook Firefighters Association

P.O. Box 553
Fallbrook, CA 92088

Fallbrook Land Conservancy

P.O. Box 2701
Fallbrook, CA
92028-2701

Fallbrook Masonic Lodge

P.O. Box 165
Fallbrook, CA 92088

Fallbrook Rotary Club

P.O. Box 1227
Fallbrook, CA 92088

Kiwanis Club Of Fallbrook

P.O. Box 54
Fallbrook, CA 92088

North County Firefighters Association

P.O. Box 553
Fallbrook, CA 92088

Oceanside Area Organizations

Joe and Mary Mottino Family YMCA

4701 Mesa Drive
Oceanside, CA 92056

Oceanside Chamber of Commerce

928 N Coast Hwy
Oceanside, CA 92054

Oceanside Charities, Inc.

PO Box 5359
Oceanside, CA 92052

Oceanside Firefighters Association

PO Box 537
Oceanside, CA 92049

Oceanside Lions Club

PO Box 771
Oceanside, CA 92049

Oceanside Rotary Club

720 Silver Dr.
Vista, CA 92083

Oceanside Rotary Club

720 Silver Drive
Vista, CA 92083

Oceanside-San Dieguito Masonic Lodge

PO Box 68
Oceanside, CA 92049

YMCA Oz North Coast

215 Barnes Street
Oceanside, CA 92054

San Clemente Area Organizations

San Clemente Chamber of Commerce

1100 N. El Camino Real
San Clemente, California 92672

San Clemente Elks Lodge #2068

1505 N. El Camino Real
San Clemente CA 92672

San Clemente Rotary Club

P.O. Box 4
San Clemente, CA 92674

Other Regional Organizations

California Department of Fish & Game

Region 5
4949 Viewridge Avenue
San Diego, CA 92123

Tri-City Council, Navy League of the United States

906 Hawthorne Avenue
Carlsbad, CA 92011

Homefront San Diego

(866) 424-9467

Mr. Gary Dubois

Director of Cultural Resource Mgmt
Pechanga Band of Luiseno Mission Indians
P.O. Box 2183
Temecula, CA

Regional Environmental Groups

Audubon Society

4891 Pacific Highway, Suite 112
San Diego, CA 92110

Environmental Health Coalition

401 Mile of Cars Way, Suite 310
National City, CA 91950

San Diego Baykeeper

2924 Emerson Street, Suite 220
San Diego, CA 92106

Sierra Club

San Diego Chapter
3820 Ray Street

San Diego, CA 92104

Surfers Tired of Pollution

1161 Cushman Avenue, Suite A
San Diego, CA 92110

Surfrider Foundation

San Diego Chapter
PO Box 1511
Solana Beach, CA 92075

The Ocean Conservancy

Pacific Regional Office
116 New Montgomery Street
San Francisco, CA 94105

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Appendix G: Local Media Contacts

In order to enhance the visibility of the IR Program at MCB Camp Pendleton, the Marine Corps will reach out to community newspapers to introduce and educate community members about the IR Program, its achievements and future plans. Contact information for the three community newspapers referenced may be found below, as well as major newspapers and periodicals in the region that were referenced by interviewees as an effective means of communication for issues affecting the greater MCB Camp Pendleton community.

In addition, a comprehensive list of radio and television stations in the region is included for reference purposes.

Newspapers

The table below summarizes contact information for local and region newspapers, the most popular media cited by community involvement plan interviewees

Camp Pendleton

The Scout

Consolidated Public Affairs office
Marine Corps Base
Box 555019
Camp Pendleton, CA 92055
<http://www.cpp.usmc.mil/scout/scout.asp>

Sgt Michael Knight, Editor
Phone: (760) 725-5044
michael.knight@usmc.mil

Fallbrook

The Fallbrook/Bonsall Village News

224 N. Main Street, Suite A
Fallbrook, CA 92028
<http://www.thevillagenews.com>

Debbie Ramsey, Editor
Phone: (760) 723-7319
Fax: (760) 723-9606
<mailto:editor@thevillagenews.com>

Oceanside

The Coast News

PO Box 232550
Encinitas, CA 92023
<http://www.thecoastnews.com/>

Jim Kydd, Publisher
Phone: (760) 436-9737
<mailto:jkydd@coastnewsgroup.com>

San Clemente

San Clemente Sun Post News

95 Avenida Del Mar
San Clemente, CA 92672
<http://www.san-clemente-beaches.com/san-clemente-sun-post.html>

Phone: (949) 492-5122

Other Leading Regional Periodicals

North County Times

Oceanside Office
1722 South Coast Highway
Oceanside, CA 92054
<http://www.nctimes.com>

Kent Davy
Direct phone: (760) 740-5401
Main phone: (760) 728-6116
<mailto:davy@nctimes.com>

San Diego Union-Tribune

P.O. Box 120191
San Diego, CA 92112-0191
<http://www.signonsandiego.com>

Jeff Rose, News Editor
<mailto:jeff.rose@uniontrib.com>

Internet Periodicals

In addition to the print media resources listed above, the following periodicals can be found on the Internet. Several of these resources have publications in print; contact information may be found on the respective websites.

Internet Resources: Newspapers and Periodicals		
Periodical	Comment	Category
San Diego Headline News http://www.primenews.com/	Regional News	Internet
San Diego News Daily http://www.san-diego-news-daily.com/	Regional News	Internet
Sign On San Diego http://www.signonsandiego.com	Regional News (SD Union-Tribune)	Internet
San Diego Metropolitan http://www.sdmetro.com	Regional Business	Magazine
San Diego Business Journal http://www.sdbj.com	Regional Business	Newspaper
San Diego City Beat http://www.sdcitybeat.com/	Regional Eclectic	Newspaper
San Diego Daily Transcript http://www.sddt.com	Regional Business	Newspaper
San Diego Reader http://www.sdreader.com/	Regional Eclectic	Newspaper

Television Stations

The chart below provides a summary of television stations serving the greater Camp Pendleton community. Detailed contact information is provided on the following pages.

Cable Television Stations				
San Diego County		Orange County		
Cable Providers: TWC: Time Warner Cable Cox: Cox Communications		Cable Provider: Cox Communications		
Channel	Station ID	Channel	Station ID	Comments
5	KSWB	5	KTLA	Warner Brothers affiliate
6	XETV	11	KTTV	Fox affiliate
7 / 39	KNSD	4	KNBC	NBC affiliate
8	KFMB	2	KCBS	CBS affiliate
9	KUSI	6	KCET	Independent television
10	KGTV	7	KABC	ABC affiliate
11	KPBS	10	KOCE	PBS affiliate
17	KBNT	34	KMEX	Univision affiliate
66 (TWC)	Government Access	30	KPEN	Local and government cable access
18 (Cox)	KOCT/KPEN Public Access	31	KPEN Public Access	Local cable access
19 (Cox)	KOCT/KPEN Government Access	-	-	Government cable access

San Diego County Television

KSWB Channel 5 7191 Engineer Road San Diego, CA 92111	Phone: (858) 573-6500 Fax: (858) 573-6600 Email: wb5news@tribune.com
XETV Channel 6 News Department 8253 Ronson Rd San Diego, CA 92111	Phone: (858) 650-5401 Fax: (858) 279-0061 Email: N/A
KNSD Channel 7 / Cable 39 225 Broadway San Diego, CA 92101	Phone: (619) 578-0201 Fax: N/A Email: pressinquiries@nbcсандiego.com
KFMB Channel 8 7677 Engineer Road San Diego, CA 92111	Phone: (858) 571-8888 Fax: (858) 560-0627 Email: local8@kfmb.com
KUSI Channel 9 News Television 4575 Viewridge Avenue San Diego, CA 92111	Phone: (858) 571-6397 Fax: (858) 571-4852 Email: mnews@kusi.com
KGTV Channel 10 P.O. Box 85347 San Diego, CA 92186	Phone: (619) 527-NEWS Fax: (619) 527-0369 Email: virginia_creighton@10news.com brad_mclellan@10news.com jack_weber@10news.com webstaff@10news.com
KPBS Public Television Channel 11 5200 Campanile Drive San Diego, CA 92182	Phone: (619) 594-1515 Fax: N/A Email: news@kpbs.org
KBNT Channel 17 5770 Ruffin Road San Diego, CA 92123	Phone: (858) 576-1919 Fax: N/A Email: N/A
TWC Channel 66 / Government Access Time Warner Cable, San Diego Community Programming Center 8949 Ware CT San Diego, CA 92121	Phone: (858) 635-8730 Fax: N/A Email: CPaddyfoot@twcsd.com
Cox Channel 18 / Public Access Cox Channel 19 / Government Access OCEANSIDE - KOCT 3038 Industry Street Oceanside, CA 92054	Phone: (760) 722-4433 Fax: (760) 722-5849 Email: koct@koct.org

Camp Pendleton Television

KPEN TV

Consolidated Public Affairs Office
Attn: Electronic Media
Box 555019
Camp Pendleton, CA 92055

Phone: (760) 725-6711
Fax: N/A
Email: N/A

Orange County Television

KCBS Channel 2

CBS Columbia Square
6121 Sunset Blvd.
Los Angeles, CA 90028

Phone: (323) 460-3000
Fax: N/A
Email: kcbstvnews@cbs.com

KNBC Channel 4

3000 West Alameda Ave.
Burbank, CA 91523

Phone: (818) 840-4444
Fax: N/A
Email: <http://www.nbc4.tv/contactus/index.html>

KTLA Channel 5

5800 Sunset Boulevard
Los Angeles, CA 90028

Phone: (323) 460-5333
Fax: N/A
Email: N/A

KCET Community Television Channel 6

4401 Sunset Boulevard
Los Angeles, California 90027

Phone: (323) 666-6500
Fax: N/A
Email: programdirector@kcet.org

KABC Channel 7

ABC7 Broadcast Center
500 Circle Seven Drive
Glendale, CA 91201

Phone: (818) 863-7777
Fax: N/A
Email: N/A

KOCE Public Television Channel 10

KOCE-TV Foundation
15751 Gothard Street
Huntington Beach, CA 92647

Phone: (714) 895-5623
Fax: (714) 895.0861
Email: program@koce.org

KTTV FOX Channel 11

1999 South Bundy Drive
Los Angeles CA 90025

Phone: (310) 584-2000
Fax: N/A
Email: N/A

KMEX Univision Channel 34

6701 Center Drive West
Los Angeles, CA 90045

Phone: (310) 216-3434
Fax: N/A
Email: N/A

Cox Channel 31 – Public Access

Cox - Orange County
29947 Avenida de las Banderas
Rancho Santa Margarita, CA 92688

Phone: (949) 240-1212
Fax: N/A
Email: N/A

Radio Stations

Radio stations serving the greater Camp Pendleton listening area are provided below. Website addresses are provided to allow for choice of specific contact information, including telephone, fax, email, or website contact page. The greater Camp Pendleton community includes North San Diego and Southern Orange Counties.

Radio Stations			
Station No.	Station ID	Comments	Location / Contact
AM 570	KLAC	Talk/Sports	Los Angeles http://www.570klac.com
AM 600	KOGO	News/Talk	San Diego http://www.kogo.com
AM 640	KFI	News/Talk	Los Angeles http://www.kfi640.com
AM 710	KSPN	Sports	Los Angeles http://www.espnradio710.com
AM 760	KFMB	News/Talk	Los Angeles http://www.760kfmb.com/
AM 760	KFMB	News/Talk	San Diego http://www.760kfmb.com/
AM 790	KABC	News/Talk	Los Angeles http://www.kabc.com
AM 830	KLAA	News/Talk (Spanish)	Orange County http://www.830am.com/
AM 980	KFWB	News/Talk	Los Angeles http://www.kfwb.com/
AM 1020	KTNQ	Talk/Sports (Spanish)	Los Angeles www.univision.com
AM 1070	KNX	News/Talk	Los Angeles http://www.knx1070.com/
AM 1130	KSDO	Religious (Spanish)	San Diego info@nuevavida.com
AM 1150	KXTA	News/Talk	Los Angeles http://www.xtrasportsradio.com/
AM 1210	KPRZ	News/Talk	San Diego http://www.kprz.com/

Radio Stations			
Station No.	Station ID	Comments	Location / Contact
AM 1240	KSON	Country	North San Diego County http://www.kson.com/home
AM 1360	KLSD	Air America Radio	San Diego http://www.klsd1360.com/
AM 1540	KMPC	Sports	Los Angeles http://www.1540theticket.com/
FM 88.3	KSDS	Classical/Jazz	San Diego http://www.jazz88online.org/
FM 88.5	KSBR	Contemporary Jazz	Mission Viejo (Orange County) http://www.ksbr.net/gi_ksbr.html
FM 88.9	KUCI	Public Radio	Irvine (Orange County) http://www.kuci.org/
FM 88.9	KRTM	Religious	Temecula (Fallbrook area) http://www.krtmradio.com/home/
FM 89.1	KIFM	Classical/Jazz	San Diego http://www.kifm.com/home
FM 91.1	XTRA	Alternative	San Diego http://www.91x.com/
FM 93.1	KCBS	Classic Rock	Los Angeles http://www.931jackfm.com/
FM 93.9	KZLA	Country	Los Angeles http://www.kzla.com/
FM 94.1	KJQY	Nostalgia	San Diego http://www.kjqy.com
FM 94.9	KBZT	Nostalgia	San Diego http://www.fm949sandiego.com
FM 95.5	KLOS	Classic Rock	Los Angeles http://www.955klos.com
FM 95.7	KMSX	Mixed Music	Carlsbad http://www.kmsx.com
FM 96.5	KYXY	Mixed Music	San Diego http://www.kyxy.com/
FM 97.1	KLSX	News/Talk	Los Angeles http://www.971freem.com/
FM 97.3	KSON	Country	San Diego http://www.kson.com/home/index.cfm

Radio Stations			
Station No.	Station ID	Comments	Location / Contact
FM 100.7	KFMB	Alternative	San Diego http://www.sandiegojack.com/
FM 101.5	KGB	Rock	San Diego http://www.101kgb.com
FM 102.1	KPRI	Alternative	Oceanside http://www.authenticrock.com/
FM 102.7	KIIS	R&B, Rock, Hip-Hop	Los Angeles http://www.kiisfm.com
FM 102.9	KLQV	Ethnic	San Diego http://www.univision.com
FM 103.1	KBCD	Alternative	Newport Beach (Orange County) http://www.indie1031.fm/
FM 103.1	KDLE	Independent	Newport Beach (Orange County) http://www.indie1031.fm/
FM 103.5	KOST	Soft Rock	Los Angeles http://www.kost1035.com
FM 103.7	KPLN	Rock	San Diego http://1037freefm.com/
FM 104.3	KBIG	Contemporary	Los Angeles http://www.kbig104.com
FM 105.1	KMZT	Classical	Los Angeles http://www.kmozart.com/
FM 105.3	KIOZ	Rock	San Diego http://www.kioz.com
FM 105.9	KPWR	Hip-Hop	Los Angeles http://www.power106.fm/
FM 106.5	KLNV	Ethnic	San Diego http://www.univision.com
FM 107.1	KSYY	Alternative	Fallbrook http://www.superestrella.com/
FM107.5	KLVE	Oldies	Los Angeles http://www.univision.com
FM 107.9	KWVE	Religious	San Clemente http://www.kwve.org/

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Appendix H: Locations for Community Meetings

State and federal guidelines require public participation at certain times in the cleanup process. Community meetings shall be held at required and appropriate times in the cleanup process on Base. In addition, if deemed necessary by IR Program personnel or if requested by community members, additional meetings will be held off Base in the community in closest proximity to current remediation activities.

A listing of preferred locations is provided below:

Locations on Base

There are two Community Centers on Base that are supported through the Family Team Building and Community Support (FTBCS), which is a part of the Marine and Family Services (M&FS) division of Marine Corps Community Services (MCCS).

Facility Name and Address	Facility Information
Stuart Mesa Community Center Stuart Mesa Housing Area Building # 310001 Camp Pendleton, CA 92055 (760) 725-9717	Room Capacity: 300 people Fees: No fees Equipment: None available
Abby Reinke Community Center Wire Mountain Housing Area Building 201019 Camp Pendleton, CA 92055 (760) 763-0649/0650	Room Capacity: 250 people Fees: \$25/hour Equipment: None available
San Onofre Community Center Seaside Square Building 51919 Camp Pendleton, CA 92055 (760) 725-4310	Room Capacity: 200 people (seated) 300 people (standing) Fees: \$25/hour Equipment: None available

Locations in Neighboring Communities

The following facilities are available for meetings in their respective areas:

Facility Name and Address	Facility Information
<p>Fallbrook Community Center 341 Heald Lane Fallbrook, CA 92028 (760) 728-1671 gordon.stone@sdcounty.ca.gov</p>	<p>Room Capacity: 70 people*</p> <p>Fees: \$40/hour weekdays \$40/hour Saturdays</p> <p>Equipment: Stage, podium, microphone, screen</p> <p>Notes: *both smaller & larger rooms are available based on need; rates are reflective of room size</p>
<p>Civic Center Community Rooms, Oceanside Public Library 330 North Coast Highway Oceanside, CA 92054 (760) 435-5564 CNoel@ci.oceanside.ca.us</p>	<p>Room Capacity: 170 people</p> <p>Fees: No Charge weekdays; \$30 per hour for minimum 4 hours on weekends; an additional \$100 refundable cleaning deposit may be required at time of reservation (at least 2 weeks in advance)</p> <p>Equipment: Tables, chairs, easels, flip charts, screens (\$5 fee), lectern w/ microphone, coffee maker, stages, a kitchenette and restrooms.</p> <p>A/V equipment may be arranged with the A/V Department of the Oceanside Public Library.</p>